SERVICE DATA APPLICATION GUIDE

HEAT PUMPS

GENERAL INFORMATION

This Service Data Application Guide is intended to provide guidance for troubleshooting outdoor units in operation in the field. These data tables are developed using new matched systems with the outdoor unit paired with the nominal indoor unit, the Highest Sales Volume Tested Combination (HSVTC match). Variation from these published tables may exist for actual field installations, according to the specific application.

The Charging Charts in this Service Data Application Guide are valid for use in setting the system charge for all published OEM system combinations for split system air conditioners.

The Service Data Tables provide reference refrigerant temperature and pressure, indoor delta temperature, and unit operating currents for a range of indoor and outdoor operating conditions.

For new outdoor designs, the Condenser Tables are provided in the unit's Technical Guide.

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FOR USE WITH MODELS WITH TXV:

YHE18B21S
TH4B1821S
RHP14L18B21S

YHE18B21S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	190(9)	193(9)	196(10)	196(10)
60	205(8)	209(8)	211(9)	212(9)
65	221(8)	225(8)	227(9)	228(9)
70	237(7)	241(7)	243(8)	244(8)
75	253(7)	257(7)	259(7)	260(7)
80	276(7)	280(7)	283(8)	284(8)
85	300(8)	303(8)	307(9)	308(9)
90	323(8)	326(8)	330(9)	332(9)
95	347(9)	349(9)	354(9)	356(9)
100	376(9)	378(9)	383(10)	385(10)
105	405(10)	408(10)	412(11)	414(11)
110	433(10)	437(10)	440(11)	443(11)
115	462(10)	467(11)	469(11)	472(11)
120	491(10)	496(10)	498(11)	501(11)
125	520(10)	526(10)	527(11)	530(11)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHE18B21S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	450	LIQUID PRESSURE (PSIG)	192	224	255	302	349	407	465	524
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	107	116	126
		LIQUID SUBCOOLING (°F)	9	9	7	9	9	11	11	10
		SUCTION PRESSURE (PSIG)	117	119	121	123	126	129	131	134
		SUCTION TEMPERATURE (°F)	49	50	51	52	53	55	56	58
		SUCTION SUPERHEAT (°F)	10	10	10	10	10	10	10	11
		OUTDOOR UNIT CURRENT (A)	3.7	4.1	4.6	5.1	5.7	6.6	7.4	8.3
		COMPRESSOR CURRENT (A)	2.9	3.4	3.8	4.4	5	5.8	6.7	7.5
		INDOOR COIL TEMP DROP (°F)	27	27	26	25	24	23	22	22
	600	LIQUID PRESSURE (PSIG)	193	225	256	303	350	408	466	524
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	107	117	126
		LIQUID SUBCOOLING (°F)	9	9	7	9	9	11	11	10
		SUCTION PRESSURE (PSIG)	122	124	127	129	131	134	136	139
		SUCTION TEMPERATURE (°F)	52	53	54	55	56	57	58	60
		SUCTION SUPERHEAT (°F)	10	10	10	10	10	10	11	11
		OUTDOOR UNIT CURRENT (A)	3.7	4.1	4.5	5.1	5.7	6.6	7.4	8.3
		COMPRESSOR CURRENT (A)	2.9	3.4	3.8	4.4	5.0	5.8	6.7	7.6
		INDOOR COIL TEMP DROP (°F)	24	23	23	22	22	21	20	19
	750	LIQUID PRESSURE (PSIG)	194	226	257	304	351	409	467	525
		LIQUID TEMPERATURE (°F)	58	68	78	87	97	107	117	126
		LIQUID SUBCOOLING (°F)	9	9	7	9	9	11	11	11
		SUCTION PRESSURE (PSIG)	128	130	132	134	136	139	141	144
		SUCTION TEMPERATURE (°F)	55	56	56	57	58	59	60	62
		SUCTION SUPERHEAT (°F)	11	10	10	10	10	10	11	11
		OUTDOOR UNIT CURRENT (A)	3.7	4.1	4.5	5.1	5.7	6.6	7.4	8.3
		COMPRESSOR CURRENT (A)	2.9	3.3	3.8	4.4	4.9	5.8	6.7	7.6
		INDOOR COIL TEMP DROP (°F)	21	20	20	19	19	18	18	17

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YHE18B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	450	LIQUID PRESSURE (PSIG)	192	224	256	300	345	405	465	525
		LIQUID TEMPERATURE (°F)	57	67	78	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	9	9	7	8	8	10	11	10
		SUCTION PRESSURE (PSIG)	117	119	121	125	128	131	133	135
		SUCTION TEMPERATURE (°F)	49	50	51	52	54	55	56	58
		SUCTION SUPERHEAT (°F)	10	10	10	9	9	10	10	11
		OUTDOOR UNIT CURRENT (A)	3.7	4.1	4.6	5.1	5.7	6.6	7.5	8.3
		COMPRESSOR CURRENT (A)	2.9	3.4	3.8	4.4	5	5.8	6.7	7.6
		INDOOR COIL TEMP DROP (°F)	31	31	30	29	28	27	26	26
	600	LIQUID PRESSURE (PSIG)	193	225	257	303	349	408	467	526
		LIQUID TEMPERATURE (°F)	58	68	78	88	97	107	117	127
		LIQUID SUBCOOLING (°F)	9	8	7	8	9	10	11	10
		SUCTION PRESSURE (PSIG)	125	126	127	130	133	136	139	141
		SUCTION TEMPERATURE (°F)	53	53	54	55	56	57	59	61
		SUCTION SUPERHEAT (°F)	10	10	10	10	9	10	10	11
		OUTDOOR UNIT CURRENT (A)	3.6	4.1	4.6	5.1	5.7	6.6	7.5	8.3
		COMPRESSOR CURRENT (A)	2.9	3.4	3.8	4.4	5	5.8	6.7	7.6
		INDOOR COIL TEMP DROP (°F)	27	27	27	26	25	24	23	23
	750	LIQUID PRESSURE (PSIG)	194	226	258	305	352	411	469	527
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	9	8	7	8	9	10	11	10
		SUCTION PRESSURE (PSIG)	132	133	133	136	138	141	144	148
		SUCTION TEMPERATURE (°F)	57	57	56	57	58	60	62	63
		SUCTION SUPERHEAT (°F)	11	10	10	10	10	10	11	11
		OUTDOOR UNIT CURRENT (A)	3.6	4.1	4.5	5.1	5.7	6.6	7.5	8.3
		COMPRESSOR CURRENT (A)	2.9	3.3	3.8	4.4	5	5.9	6.7	7.6
		INDOOR COIL TEMP DROP (°F)	23	24	24	23	22	21	20	19
80/67	450	LIQUID PRESSURE (PSIG)	195	227	259	306	353	411	469	527
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	10	9	7	9	9	11	11	11
		SUCTION PRESSURE (PSIG)	127	130	133	135	137	140	143	146
		SUCTION TEMPERATURE (°F)	54	55	56	57	57	59	60	62
		SUCTION SUPERHEAT (°F)	10	10	9	9	9	10	10	10
		OUTDOOR UNIT CURRENT (A)	3.7	4.1	4.6	5.1	5.7	6.6	7.4	8.2
		COMPRESSOR CURRENT (A)	2.9	3.4	3.8	4.4	5	5.8	6.6	7.5
		INDOOR COIL TEMP DROP (°F)	27	26	26	25	25	24	23	22
	600	LIQUID PRESSURE (PSIG)	196	227	259	307	354	412	469	527
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	10	9	7	9	9	11	11	11
		SUCTION PRESSURE (PSIG)	133	136	138	141	143	145	148	151
		SUCTION TEMPERATURE (°F)	58	58	58	59	60	61	63	64
		SUCTION SUPERHEAT (°F)	11	11	10	10	10	10	10	11
		OUTDOOR UNIT CURRENT (A)	3.7	4.1	4.5	5.1	5.7	6.5	7.4	8.2
		COMPRESSOR CURRENT (A)	2.9	3.3	3.8	4.4	5	5.8	6.6	7.5
		INDOOR COIL TEMP DROP (°F)	23	23	23	22	22	21	20	19
	750	LIQUID PRESSURE (PSIG)	197	228	260	307	355	413	470	528
		LIQUID TEMPERATURE (°F)	58	69	79	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	10	9	7	9	9	10	11	11
		SUCTION PRESSURE (PSIG)	139	141	144	146	148	150	153	155
		SUCTION TEMPERATURE (°F)	61	61	61	62	63	64	65	66
		SUCTION SUPERHEAT (°F)	12	11	10	10	10	11	11	11
		OUTDOOR UNIT CURRENT (A)	3.7	4.1	4.5	5.1	5.7	6.5	7.4	8.2
		COMPRESSOR CURRENT (A)	2.9	3.3	3.7	4.4	5	5.8	6.6	7.5
		INDOOR COIL TEMP DROP (°F)	20	20	20	19	19	18	18	17

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YHE18B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	450	LIQUID PRESSURE (PSIG)	195	227	258	306	354	412	470	528
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	10	9	7	9	9	11	11	11
		SUCTION PRESSURE (PSIG)	138	141	144	146	149	152	155	158
		SUCTION TEMPERATURE (°F)	61	61	61	62	63	65	66	68
		SUCTION SUPERHEAT (°F)	12	11	10	10	10	11	11	12
		OUTDOOR UNIT CURRENT (A)	3.6	4.1	4.5	5.1	5.7	6.5	7.3	8.2
		COMPRESSOR CURRENT (A)	2.9	3.3	3.7	4.3	4.9	5.7	6.6	7.4
		INDOOR COIL TEMP DROP (°F)	22	21	21	20	19	19	18	17
	600	LIQUID PRESSURE (PSIG)	196	228	260	308	356	414	472	530
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	10	9	7	9	9	11	11	11
		SUCTION PRESSURE (PSIG)	143	146	149	152	154	157	159	162
		SUCTION TEMPERATURE (°F)	64	64	64	65	66	67	68	70
		SUCTION SUPERHEAT (°F)	14	12	11	11	11	12	12	12
		OUTDOOR UNIT CURRENT (A)	3.6	4	4.5	5.1	5.7	6.5	7.3	8.2
		COMPRESSOR CURRENT (A)	2.9	3.3	3.7	4.3	4.9	5.7	6.6	7.4
		INDOOR COIL TEMP DROP (°F)	19	18	18	17	17	16	15	15
	750	LIQUID PRESSURE (PSIG)	198	230	261	309	357	415	473	531
		LIQUID TEMPERATURE (°F)	58	69	79	89	98	108	117	127
		LIQUID SUBCOOLING (°F)	10	9	7	9	9	11	11	11
		SUCTION PRESSURE (PSIG)	147	151	155	157	159	162	164	166
		SUCTION TEMPERATURE (°F)	67	67	67	67	68	69	70	71
		SUCTION SUPERHEAT (°F)	15	14	12	12	12	12	12	13
		OUTDOOR UNIT CURRENT (A)	3.6	4	4.5	5.1	5.7	6.5	7.3	8.2
		COMPRESSOR CURRENT (A)	2.9	3.3	3.7	4.3	4.9	5.7	6.6	7.4
		INDOOR COIL TEMP DROP (°F)	16	15	15	15	14	14	13	13

YHE18B21S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	**47**	**40**	**30**	**17**	**10**
60	450	LIQUID PRESSURE (PSIG)	381	351	336	318	274	276
		LIQUID TEMPERATURE (°F)	85	76	70	62	52	49
		LIQUID SUBCOOLING (°F)	28	31	34	38	38	42
		SUCTION PRESSURE (PSIG)	136	110	97	79	53	53
		SUCTION TEMPERATURE (°F)	60	47	41	33	19	16
		SUCTION SUPERHEAT (°F)	13	11	11	13	16	13
		OUTDOOR UNIT CURRENT (A)	6.0	6.0	6.0	6.0	5.0	5.0
		COMPRESSOR CURRENT (A)	5.0	5.0	5.0	5.0	4.0	4.0
		INDOOR COIL TEMP RISE (°F)	43	37	34	29	21	20
	600	LIQUID PRESSURE (PSIG)	345	319	308	294	263	259
		LIQUID TEMPERATURE (°F)	81	72	67	60	53	48
		LIQUID SUBCOOLING (°F)	25	28	31	35	34	38
		SUCTION PRESSURE (PSIG)	134	110	97	80	57	52
		SUCTION TEMPERATURE (°F)	60	47	41	32	20	16
		SUCTION SUPERHEAT (°F)	13	11	11	11	14	13
		OUTDOOR UNIT CURRENT (A)	6.0	5.0	5.0	5.0	5.0	5.0
		COMPRESSOR CURRENT (A)	5.0	5.0	5.0	4.0	4.0	4.0
		INDOOR COIL TEMP RISE (°F)	35	30	27	24	17	16
	750	LIQUID PRESSURE (PSIG)	309	286	281	270	251	243
		LIQUID TEMPERATURE (°F)	76	69	64	58	53	47
		LIQUID SUBCOOLING (°F)	22	24	28	31	31	35
		SUCTION PRESSURE (PSIG)	133	109	96	80	61	52
		SUCTION TEMPERATURE (°F)	60	47	41	32	21	15
		SUCTION SUPERHEAT (°F)	14	11	12	11	12	12
		OUTDOOR UNIT CURRENT (A)	5.0	5.0	5.0	5.0	5.0	5.0
		COMPRESSOR CURRENT (A)	4.0	4.0	4.0	4.0	4.0	4.0
		INDOOR COIL TEMP RISE (°F)	27	23	21	18	14	12
70	450	LIQUID PRESSURE (PSIG)	427	394	384	363	324	318
		LIQUID TEMPERATURE (°F)	92	82	77	69	60	56
		LIQUID SUBCOOLING (°F)	30	34	37	41	42	44
		SUCTION PRESSURE (PSIG)	137	111	98	80	58	53
		SUCTION TEMPERATURE (°F)	60	48	42	34	21	17
		SUCTION SUPERHEAT (°F)	12	11	12	13	14	14
		OUTDOOR UNIT CURRENT (A)	7.0	6.0	6.0	6.0	6.0	6.0
		COMPRESSOR CURRENT (A)	6.0	6.0	6.0	5.0	5.0	5.0
		INDOOR COIL TEMP RISE (°F)	42	36	33	28	21	19
	600	LIQUID PRESSURE (PSIG)	389	361	354	338	308	300
		LIQUID TEMPERATURE (°F)	88	79	74	67	59	55
		LIQUID SUBCOOLING (°F)	27	30	34	38	39	41
		SUCTION PRESSURE (PSIG)	136	111	98	80	60	53
		SUCTION TEMPERATURE (°F)	60	48	42	33	22	16
		SUCTION SUPERHEAT (°F)	13	11	12	12	14	13
		OUTDOOR UNIT CURRENT (A)	6.0	6.0	6.0	6.0	5.0	5.0
		COMPRESSOR CURRENT (A)	6.0	5.0	5.0	5.0	5.0	5.0
		INDOOR COIL TEMP RISE (°F)	34	29	27	23	18	16
	750	LIQUID PRESSURE (PSIG)	352	329	325	313	292	283
		LIQUID TEMPERATURE (°F)	84	75	71	66	59	55
		LIQUID SUBCOOLING (°F)	23	28	31	33	35	37
		SUCTION PRESSURE (PSIG)	135	110	97	80	62	53
		SUCTION TEMPERATURE (°F)	60	47	41	33	22	16
		SUCTION SUPERHEAT (°F)	13	11	11	12	12	13
		OUTDOOR UNIT CURRENT (A)	6.0	5.0	6.0	5.0	5.0	5.0
		COMPRESSOR CURRENT (A)	5.0	5.0	5.0	5.0	4.0	4.0
		INDOOR COIL TEMP RISE (°F)	27	22	21	18	14	12

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YHE18B21S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	450	LIQUID PRESSURE (PSIG)	472	436	432	409	375	361
		LIQUID TEMPERATURE (°F)	100	88	83	76	67	63
		LIQUID SUBCOOLING (°F)	29	35	40	43	45	46
		SUCTION PRESSURE (PSIG)	139	112	98	82	63	54
		SUCTION TEMPERATURE (°F)	60	49	43	35	23	18
		SUCTION SUPERHEAT (°F)	11	12	13	13	13	14
		OUTDOOR UNIT CURRENT (A)	7.0	7.0	7.0	7.0	6.0	6.0
		COMPRESSOR CURRENT (A)	7.0	6.0	6.0	6.0	6.0	6.0
		INDOOR COIL TEMP RISE (°F)	41	34	32	28	22	19
	600	LIQUID PRESSURE (PSIG)	434	404	400	382	354	342
		LIQUID TEMPERATURE (°F)	95	85	81	74	66	62
		LIQUID SUBCOOLING (°F)	28	33	36	39	42	43
		SUCTION PRESSURE (PSIG)	138	112	98	81	63	54
		SUCTION TEMPERATURE (°F)	60	48	42	34	23	17
		SUCTION SUPERHEAT (°F)	12	11	12	13	13	13
		OUTDOOR UNIT CURRENT (A)	7.0	7.0	7.0	6.0	6.0	6.0
		COMPRESSOR CURRENT (A)	6.0	6.0	6.0	6.0	5.0	5.0
		INDOOR COIL TEMP RISE (°F)	33	28	26	22	18	15
	750	LIQUID PRESSURE (PSIG)	395	372	369	356	333	322
		LIQUID TEMPERATURE (°F)	91	82	78	73	65	62
		LIQUID SUBCOOLING (°F)	25	29	33	35	38	39
		SUCTION PRESSURE (PSIG)	137	111	98	81	62	54
		SUCTION TEMPERATURE (°F)	60	48	42	34	23	17
		SUCTION SUPERHEAT (°F)	12	11	12	13	13	13
		OUTDOOR UNIT CURRENT (A)	6.0	6.0	6.0	6.0	6.0	6.0
		COMPRESSOR CURRENT (A)	6.0	5.0	5.0	5.0	5.0	5.0
		INDOOR COIL TEMP RISE (°F)	26	21	20	17	14	12

FOR USE WITH MODELS WITH TXV:

YHE24B21S
TH4B2421S
RHP14L24B21S
QH4B24B21S

YHE24B21S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	196(11)	198(11)	201(11)	202(12)
60	212(10)	215(11)	217(11)	218(11)
65	229(10)	232(11)	234(11)	235(11)
70	245(9)	249(10)	251(10)	252(10)
75	262(9)	266(10)	268(9)	269(10)
80	287(10)	290(10)	293(10)	294(11)
85	312(11)	315(11)	318(11)	319(12)
90	337(11)	340(11)	343(11)	344(12)
95	362(11)	365(12)	368(12)	369(12)
100	391(12)	394(12)	397(12)	398(12)
105	421(13)	423(13)	426(13)	428(13)
110	450(13)	452(13)	455(13)	457(13)
115	480(13)	481(13)	485(14)	487(14)
120	509(12)	510(13)	514(13)	516(13)
125	540(13)	541(13)	544(14)	547(14)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHE24B21S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	600	LIQUID PRESSURE (PSIG)	196	229	262	312	361	420	479	538
		LIQUID TEMPERATURE (°F)	56	66	76	86	96	106	116	126
		LIQUID SUBCOOLING (°F)	11	11	10	12	12	13	13	13
		SUCTION PRESSURE (PSIG)	115	117	119	121	123	127	130	133
		SUCTION TEMPERATURE (°F)	48	48	49	50	51	52	54	55
		SUCTION SUPERHEAT (°F)	9	9	8	9	9	9	8	8
		OUTDOOR UNIT CURRENT (A)	5.0	5.5	6.1	6.9	7.7	9	10.2	11.4
		COMPRESSOR CURRENT (A)	4.1	4.7	5.3	6.1	6.9	8.1	9.4	10.6
		INDOOR COIL TEMP DROP (°F)	26	26	25	24	23	22	21	21
	800	LIQUID PRESSURE (PSIG)	198	231	264	313	363	422	480	539
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	107	116	126
		LIQUID SUBCOOLING (°F)	11	11	10	11	12	13	13	13
		SUCTION PRESSURE (PSIG)	121	123	125	127	129	131	134	137
		SUCTION TEMPERATURE (°F)	51	51	51	52	53	54	55	57
		SUCTION SUPERHEAT (°F)	10	9	8	8	9	8	9	9
		OUTDOOR UNIT CURRENT (A)	5.0	5.5	6.1	6.9	7.7	9	10.2	11.4
		COMPRESSOR CURRENT (A)	4.1	4.7	5.3	6.1	6.9	8.1	9.4	10.6
		INDOOR COIL TEMP DROP (°F)	23	23	22	21	21	20	19	19
	1000	LIQUID PRESSURE (PSIG)	199	232	265	315	364	423	482	540
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	107	117	126
		LIQUID SUBCOOLING (°F)	11	11	10	11	12	13	14	13
		SUCTION PRESSURE (PSIG)	126	128	130	132	134	136	138	141
		SUCTION TEMPERATURE (°F)	54	54	53	54	55	56	57	59
		SUCTION SUPERHEAT (°F)	11	9	8	8	8	8	9	9
		OUTDOOR UNIT CURRENT (A)	5.0	5.5	6.1	6.9	7.7	9	10.2	11.4
		COMPRESSOR CURRENT (A)	4.1	4.7	5.3	6.1	6.9	8.1	9.4	10.6
		INDOOR COIL TEMP DROP (°F)	20	20	19	19	19	18	17	17

Continued on next page.

YHE24B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	600	LIQUID PRESSURE (PSIG)	198	231	265	314	363	422	480	539
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	107	117	126
		LIQUID SUBCOOLING (°F)	11	11	10	11	12	13	13	13
		SUCTION PRESSURE (PSIG)	115	117	119	122	124	127	130	133
		SUCTION TEMPERATURE (°F)	47	48	50	51	52	53	54	56
		SUCTION SUPERHEAT (°F)	8	9	9	9	9	9	9	9
		OUTDOOR UNIT CURRENT (A)	5.0	5.6	6.2	7	7.8	9	10.2	11.4
		COMPRESSOR CURRENT (A)	4.1	4.7	5.4	6.2	7	8.2	9.4	10.6
		INDOOR COIL TEMP DROP (°F)	31	30	29	28	27	26	26	25
	800	LIQUID PRESSURE (PSIG)	198	232	266	315	365	423	481	540
		LIQUID TEMPERATURE (°F)	57	67	78	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	11	11	10	11	12	13	13	13
		SUCTION PRESSURE (PSIG)	121	123	125	127	130	133	136	139
		SUCTION TEMPERATURE (°F)	51	51	52	53	54	55	57	58
		SUCTION SUPERHEAT (°F)	9	9	8	9	9	9	9	9
		OUTDOOR UNIT CURRENT (A)	5.0	5.6	6.2	7	7.8	9	10.2	11.4
		COMPRESSOR CURRENT (A)	4.1	4.7	5.3	6.1	6.9	8.2	9.4	10.6
		INDOOR COIL TEMP DROP (°F)	27	27	26	25	25	24	23	21
	1000	LIQUID PRESSURE (PSIG)	199	233	266	316	366	424	482	541
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	11	11	9	11	12	13	13	13
		SUCTION PRESSURE (PSIG)	126	129	131	133	135	139	142	146
		SUCTION TEMPERATURE (°F)	54	54	54	55	56	58	59	61
		SUCTION SUPERHEAT (°F)	11	9	8	8	9	9	9	9
		OUTDOOR UNIT CURRENT (A)	4.9	5.5	6.1	6.9	7.8	9	10.2	11.4
		COMPRESSOR CURRENT (A)	4.1	4.7	5.3	6.1	6.9	8.1	9.4	10.6
		INDOOR COIL TEMP DROP (°F)	24	23	23	23	22	21	19	18
80/67	600	LIQUID PRESSURE (PSIG)	200	233	267	317	367	425	483	542
		LIQUID TEMPERATURE (°F)	57	68	78	88	97	107	117	127
		LIQUID SUBCOOLING (°F)	11	11	10	12	12	13	14	13
		SUCTION PRESSURE (PSIG)	126	129	131	133	135	138	141	144
		SUCTION TEMPERATURE (°F)	54	54	53	54	55	57	58	60
		SUCTION SUPERHEAT (°F)	10	9	8	8	8	8	9	9
		OUTDOOR UNIT CURRENT (A)	5.0	5.6	6.2	7	7.8	9	10.2	11.4
		COMPRESSOR CURRENT (A)	4.1	4.7	5.3	6.1	7	8.2	9.4	10.7
		INDOOR COIL TEMP DROP (°F)	26	25	25	24	23	22	21	21
	800	LIQUID PRESSURE (PSIG)	201	234	268	318	368	426	485	543
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	11	11	9	11	12	13	14	13
		SUCTION PRESSURE (PSIG)	131	134	136	138	141	143	146	149
		SUCTION TEMPERATURE (°F)	58	57	56	57	58	59	60	61
		SUCTION SUPERHEAT (°F)	13	10	8	8	8	8	9	9
		OUTDOOR UNIT CURRENT (A)	5.0	5.6	6.1	6.9	7.8	9	10.2	11.4
		COMPRESSOR CURRENT (A)	4.1	4.7	5.3	6.1	6.9	8.2	9.4	10.6
		INDOOR COIL TEMP DROP (°F)	23	22	22	21	21	20	19	18
	1000	LIQUID PRESSURE (PSIG)	202	235	269	319	369	427	486	544
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	12	11	9	11	12	13	13	13
		SUCTION PRESSURE (PSIG)	135	138	142	144	146	148	151	154
		SUCTION TEMPERATURE (°F)	62	61	59	59	60	61	62	63
		SUCTION SUPERHEAT (°F)	15	12	9	9	8	8	9	9
		OUTDOOR UNIT CURRENT (A)	5.0	5.5	6.1	6.9	7.7	9	10.2	11.4
		COMPRESSOR CURRENT (A)	4.1	4.7	5.3	6.1	6.9	8.1	9.4	10.6
		INDOOR COIL TEMP DROP (°F)	20	19	19	19	18	18	17	16

Continued on next page.

YHE24B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	600	LIQUID PRESSURE (PSIG)	201	234	267	317	368	427	486	545
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	12	11	10	12	12	13	14	13
		SUCTION PRESSURE (PSIG)	134	138	143	145	148	151	154	157
		SUCTION TEMPERATURE (°F)	63	61	59	60	60	62	63	64
		SUCTION SUPERHEAT (°F)	16	13	9	8	8	8	8	9
		OUTDOOR UNIT CURRENT (A)	4.9	5.5	6.1	6.9	7.7	8.9	10.1	11.4
		COMPRESSOR CURRENT (A)	4.1	4.7	5.2	6.1	6.9	8.1	9.3	10.6
		INDOOR COIL TEMP DROP (°F)	21	20	20	19	19	18	17	16
	800	LIQUID PRESSURE (PSIG)	202	235	269	319	369	428	487	546
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	12	11	10	12	12	13	14	13
		SUCTION PRESSURE (PSIG)	136	142	148	150	153	156	159	162
		SUCTION TEMPERATURE (°F)	67	65	62	63	63	64	65	66
		SUCTION SUPERHEAT (°F)	19	15	10	9	9	9	9	9
		OUTDOOR UNIT CURRENT (A)	5.0	5.5	6.1	6.9	7.7	8.9	10.1	11.3
		COMPRESSOR CURRENT (A)	4.1	4.7	5.2	6.1	6.9	8.1	9.3	10.6
		INDOOR COIL TEMP DROP (°F)	17	17	17	17	16	16	15	14
	1000	LIQUID PRESSURE (PSIG)	204	237	270	320	371	429	488	547
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	13	12	10	11	12	13	14	13
		SUCTION PRESSURE (PSIG)	139	146	153	155	158	161	163	166
		SUCTION TEMPERATURE (°F)	71	68	65	65	65	66	67	68
		SUCTION SUPERHEAT (°F)	22	16	11	10	10	9	10	9
		OUTDOOR UNIT CURRENT (A)	5.0	5.5	6.1	6.9	7.7	8.9	10.1	11.3
		COMPRESSOR CURRENT (A)	4.1	4.7	5.2	6.1	6.9	8.1	9.3	10.5
		INDOOR COIL TEMP DROP (°F)	14	14	15	14	14	13	13	12

YHE24B21S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	600	LIQUID PRESSURE (PSIG)	399	369	353	333	298	286
		LIQUID TEMPERATURE (°F)	83	73	68	61	53	51
		LIQUID SUBCOOLING (°F)	34	38	40	42	43	42
		SUCTION PRESSURE (PSIG)	136	109	96	81	60	54
		SUCTION TEMPERATURE (°F)	59	47	41	32	20	14
		SUCTION SUPERHEAT (°F)	12	11	12	11	12	10
		OUTDOOR UNIT CURRENT (A)	9.0	8.0	8.0	8.0	7.0	7.0
		COMPRESSOR CURRENT (A)	8.0	7.0	7.0	7.0	6.0	6.0
		INDOOR COIL TEMP RISE (°F)	43	37	33	29	22	19
	800	LIQUID PRESSURE (PSIG)	359	335	323	306	280	270
		LIQUID TEMPERATURE (°F)	79	69	65	59	52	50
		LIQUID SUBCOOLING (°F)	30	35	36	39	39	39
		SUCTION PRESSURE (PSIG)	135	109	96	80	60	54
		SUCTION TEMPERATURE (°F)	59	47	41	32	20	14
		SUCTION SUPERHEAT (°F)	12	11	12	11	12	10
		OUTDOOR UNIT CURRENT (A)	8.0	8.0	7.0	7.0	7.0	7.0
		COMPRESSOR CURRENT (A)	7.0	7.0	7.0	6.0	6.0	6.0
		INDOOR COIL TEMP RISE (°F)	35	30	27	23	18	16
	1000	LIQUID PRESSURE (PSIG)	320	301	292	280	262	253
		LIQUID TEMPERATURE (°F)	74	66	62	57	52	49
		LIQUID SUBCOOLING (°F)	27	30	32	34	35	36
		SUCTION PRESSURE (PSIG)	134	108	96	79	61	53
		SUCTION TEMPERATURE (°F)	59	47	40	32	20	14
		SUCTION SUPERHEAT (°F)	12	12	11	12	11	11
		OUTDOOR UNIT CURRENT (A)	7.0	7.0	7.0	7.0	7.0	6.0
		COMPRESSOR CURRENT (A)	6.0	6.0	6.0	6.0	6.0	5.0
		INDOOR COIL TEMP RISE (°F)	27	23	21	18	14	12
70	600	LIQUID PRESSURE (PSIG)	449	418	401	380	344	331
		LIQUID TEMPERATURE (°F)	90	80	75	69	60	57
		LIQUID SUBCOOLING (°F)	36	40	42	44	46	46
		SUCTION PRESSURE (PSIG)	137	110	97	82	60	54
		SUCTION TEMPERATURE (°F)	59	114	41	33	21	16
		SUCTION SUPERHEAT (°F)	11	78	11	11	13	12
		OUTDOOR UNIT CURRENT (A)	10.0	9.0	9.0	9.0	8.0	8.0
		COMPRESSOR CURRENT (A)	9.0	8.0	8.0	8.0	7.0	7.0
		INDOOR COIL TEMP RISE (°F)	42	36	32	28	21	19
	800	LIQUID PRESSURE (PSIG)	407	383	369	352	323	312
		LIQUID TEMPERATURE (°F)	86	76	72	67	59	56
		LIQUID SUBCOOLING (°F)	32	38	39	40	42	43
		SUCTION PRESSURE (PSIG)	136	109	97	81	60	53
		SUCTION TEMPERATURE (°F)	59	81	41	33	20	15
		SUCTION SUPERHEAT (°F)	12	45	11	12	12	12
		OUTDOOR UNIT CURRENT (A)	9.0	8.0	8.0	8.0	8.0	7.0
		COMPRESSOR CURRENT (A)	8.0	8.0	7.0	7.0	7.0	7.0
		INDOOR COIL TEMP RISE (°F)	34	29	26	23	17	15
	1000	LIQUID PRESSURE (PSIG)	365	348	338	324	302	294
		LIQUID TEMPERATURE (°F)	81	73	70	65	59	55
		LIQUID SUBCOOLING (°F)	29	34	35	37	38	40
		SUCTION PRESSURE (PSIG)	135	109	97	80	60	53
		SUCTION TEMPERATURE (°F)	59	48	41	32	20	15
		SUCTION SUPERHEAT (°F)	12	12	11	11	12	12
		OUTDOOR UNIT CURRENT (A)	8.0	7.0	8.0	8.0	7.0	7.0
		COMPRESSOR CURRENT (A)	7.0	8.0	7.0	7.0	6.0	6.0
		INDOOR COIL TEMP RISE (°F)	27	23	20	17	13	12

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YHE24B21S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	600	LIQUID PRESSURE (PSIG)	498	468	449	428	389	375
		LIQUID TEMPERATURE (°F)	97	87	82	76	67	64
		LIQUID SUBCOOLING (°F)	37	42	44	46	48	48
		SUCTION PRESSURE (PSIG)	138	110	98	83	61	54
		SUCTION TEMPERATURE (°F)	60	181	42	34	21	17
		SUCTION SUPERHEAT (°F)	12	145	12	11	12	13
		OUTDOOR UNIT CURRENT (A)	11.0	10.0	10.0	9.0	9.0	9.0
		COMPRESSOR CURRENT (A)	10.0	9.0	9.0	9.0	8.0	8.0
		INDOOR COIL TEMP RISE (°F)	41	34	31	27	20	18
	800	LIQUID PRESSURE (PSIG)	455	431	416	397	366	355
		LIQUID TEMPERATURE (°F)	93	84	80	74	67	63
		LIQUID SUBCOOLING (°F)	34	38	40	42	43	45
		SUCTION PRESSURE (PSIG)	137	110	98	82	60	53
		SUCTION TEMPERATURE (°F)	60	115	42	33	21	16
		SUCTION SUPERHEAT (°F)	12	79	12	11	13	13
		OUTDOOR UNIT CURRENT (A)	10.0	9.0	9.0	9.0	8.0	8.0
		COMPRESSOR CURRENT (A)	9.0	9.0	8.0	8.0	7.0	7.0
		INDOOR COIL TEMP RISE (°F)	33	28	25	22	16	14
	1000	LIQUID PRESSURE (PSIG)	411	395	383	367	342	334
		LIQUID TEMPERATURE (°F)	89	81	78	72	66	62
		LIQUID SUBCOOLING (°F)	30	35	36	38	39	42
		SUCTION PRESSURE (PSIG)	136	110	98	81	59	53
		SUCTION TEMPERATURE (°F)	59	49	42	33	20	15
		SUCTION SUPERHEAT (°F)	12	13	12	12	12	12
		OUTDOOR UNIT CURRENT (A)	9.0	9.0	8.0	8.0	8.0	8.0
		COMPRESSOR CURRENT (A)	8.0	8.0	8.0	7.0	7.0	7.0
		INDOOR COIL TEMP RISE (°F)	26	22	20	17	12	11

FOR USE WITH MODELS WITH TXV:

YHE30B21S
TH4B3021S
RHP14L30B21S
QH4B30B21S

YHE30B21S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	193(10)	197(11)	199(12)	201(13)
60	208(9)	211(10)	214(10)	215(11)
65	223(8)	226(9)	229(9)	230(10)
70	237(7)	241(7)	243(8)	245(8)
75	252(6)	256(6)	258(7)	260(7)
80	278(7)	282(7)	284(8)	285(8)
85	304(9)	308(9)	311(9)	311(9)
90	330(9)	334(9)	337(9)	337(9)
95	357(10)	358(10)	359(10)	363(10)
100	386(11)	388(11)	391(10)	392(10)
105	415(12)	417(12)	420(11)	421(11)
110	444(12)	445(12)	449(11)	449(11)
115	473(12)	474(12)	478(12)	478(11)
120	502(11)	503(11)	506(11)	507(11)
125	531(11)	532(11)	535(11)	536(11)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHE30B21S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	800	LIQUID PRESSURE (PSIG)	195	225	255	307	359	416	474	531
		LIQUID TEMPERATURE (°F)	57	67	78	87	97	107	116	126
		LIQUID SUBCOOLING (°F)	10	9	7	9	11	12	12	12
		SUCTION PRESSURE (PSIG)	115	119	123	124	126	128	131	133
		SUCTION TEMPERATURE (°F)	56	53	50	50	51	52	54	55
		SUCTION SUPERHEAT (°F)	17	12	8	7	7	8	8	9
		OUTDOOR UNIT CURRENT (A)	5.8	6.4	7.1	8	8.9	10.3	11.6	13
		COMPRESSOR CURRENT (A)	4.8	5.5	6.2	7.1	8	9.3	10.7	12
		INDOOR COIL TEMP DROP (°F)	25	25	25	24	23	22	21	20
	1000	LIQUID PRESSURE (PSIG)	196	226	255	307	359	417	474	531
		LIQUID TEMPERATURE (°F)	57	67	78	88	97	107	117	126
		LIQUID SUBCOOLING (°F)	11	9	6	9	11	12	12	11
		SUCTION PRESSURE (PSIG)	117	122	127	129	130	133	135	137
		SUCTION TEMPERATURE (°F)	60	56	52	52	53	54	55	57
		SUCTION SUPERHEAT (°F)	20	14	8	8	7	8	8	8
		OUTDOOR UNIT CURRENT (A)	5.8	6.4	7.1	8	8.9	10.3	11.6	12.9
		COMPRESSOR CURRENT (A)	4.8	5.5	6.2	7.1	8.0	9.3	10.6	12.0
		INDOOR COIL TEMP DROP (°F)	21	22	22	21	21	20	19	18
	1200	LIQUID PRESSURE (PSIG)	197	226	256	308	360	417	474	531
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	107	117	126
		LIQUID SUBCOOLING (°F)	11	9	6	9	10	12	12	11
		SUCTION PRESSURE (PSIG)	119	125	131	133	134	137	139	141
		SUCTION TEMPERATURE (°F)	64	59	54	54	54	56	57	58
		SUCTION SUPERHEAT (°F)	24	16	8	8	7	8	8	8
		OUTDOOR UNIT CURRENT (A)	5.8	6.4	7.1	8	8.9	10.2	11.5	12.9
		COMPRESSOR CURRENT (A)	4.8	5.5	6.2	7.1	8.0	9.3	10.6	11.9
		INDOOR COIL TEMP DROP (°F)	18	19	20	19	18	18	17	16

Continued on next page.

YHE30B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	800	LIQUID PRESSURE (PSIG)	195	225	255	307	360	417	474	531
		LIQUID TEMPERATURE (°F)	57	67	78	88	97	107	117	127
		LIQUID SUBCOOLING (°F)	10	9	6	9	11	12	12	11
		SUCTION PRESSURE (PSIG)	116	119	123	125	127	129	132	135
		SUCTION TEMPERATURE (°F)	58	53	49	51	52	54	55	56
		SUCTION SUPERHEAT (°F)	19	13	7	8	8	9	9	9
		OUTDOOR UNIT CURRENT (A)	5.8	6.5	7.1	8.1	9	10.3	11.6	13
		COMPRESSOR CURRENT (A)	4.8	5.5	6.2	7.1	8.1	9.4	10.7	12
		INDOOR COIL TEMP DROP (°F)	28	29	29	28	27	26	25	24
	1000	LIQUID PRESSURE (PSIG)	197	226	256	308	360	417	474	532
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	11	9	6	9	10	12	12	11
		SUCTION PRESSURE (PSIG)	118	122	127	129	132	135	138	141
		SUCTION TEMPERATURE (°F)	63	57	52	53	54	56	57	59
		SUCTION SUPERHEAT (°F)	23	15	8	8	8	9	9	9
		OUTDOOR UNIT CURRENT (A)	5.8	6.5	7.1	8.1	9	10.3	11.6	12.9
		COMPRESSOR CURRENT (A)	4.8	5.5	6.2	7.1	8	9.3	10.7	12
		INDOOR COIL TEMP DROP (°F)	25	25	26	25	24	23	22	21
	1200	LIQUID PRESSURE (PSIG)	198	227	256	308	360	417	475	532
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	11	9	6	9	10	11	12	11
		SUCTION PRESSURE (PSIG)	120	126	132	134	137	140	144	147
		SUCTION TEMPERATURE (°F)	67	61	55	55	56	58	59	61
		SUCTION SUPERHEAT (°F)	27	18	9	9	8	8	8	8
		OUTDOOR UNIT CURRENT (A)	5.8	6.5	7.1	8	8.9	10.3	11.6	12.9
		COMPRESSOR CURRENT (A)	4.8	5.5	6.2	7.1	8	9.3	10.6	11.9
		INDOOR COIL TEMP DROP (°F)	21	22	23	23	22	21	19	18
80/67	800	LIQUID PRESSURE (PSIG)	198	227	257	310	363	420	478	535
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	11	9	7	9	10	12	12	11
		SUCTION PRESSURE (PSIG)	119	126	134	137	139	142	144	147
		SUCTION TEMPERATURE (°F)	67	61	55	55	55	57	58	59
		SUCTION SUPERHEAT (°F)	26	17	8	7	6	7	7	7
		OUTDOOR UNIT CURRENT (A)	5.8	6.5	7.2	8.1	9	10.3	11.6	12.9
		COMPRESSOR CURRENT (A)	4.8	5.5	6.2	7.1	8	9.3	10.7	12
		INDOOR COIL TEMP DROP (°F)	22	23	24	24	23	22	21	21
	1000	LIQUID PRESSURE (PSIG)	199	229	258	311	363	420	478	535
		LIQUID TEMPERATURE (°F)	57	68	79	89	99	108	118	127
		LIQUID SUBCOOLING (°F)	12	9	7	9	10	11	12	11
		SUCTION PRESSURE (PSIG)	120	129	138	141	143	145	148	150
		SUCTION TEMPERATURE (°F)	69	64	58	58	57	58	59	61
		SUCTION SUPERHEAT (°F)	28	19	10	8	7	7	7	7
		OUTDOOR UNIT CURRENT (A)	5.8	6.5	7.2	8.1	8.9	10.3	11.6	12.9
		COMPRESSOR CURRENT (A)	4.8	5.5	6.2	7.1	8	9.3	10.7	12
		INDOOR COIL TEMP DROP (°F)	19	21	22	21	21	20	19	19
	1200	LIQUID PRESSURE (PSIG)	200	230	260	312	364	421	478	535
		LIQUID TEMPERATURE (°F)	57	68	79	89	99	108	118	128
		LIQUID SUBCOOLING (°F)	12	10	7	9	10	11	12	11
		SUCTION PRESSURE (PSIG)	122	132	142	144	147	149	152	154
		SUCTION TEMPERATURE (°F)	72	67	62	61	59	60	61	62
		SUCTION SUPERHEAT (°F)	30	21	12	10	7	7	7	7
		OUTDOOR UNIT CURRENT (A)	5.8	6.5	7.2	8.1	8.9	10.3	11.6	12.9
		COMPRESSOR CURRENT (A)	4.8	5.5	6.2	7.1	8	9.3	10.6	12
		INDOOR COIL TEMP DROP (°F)	16	18	19	19	19	18	18	17

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YHE30B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	800	LIQUID PRESSURE (PSIG)	200	229	258	310	362	420	478	536
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	12	10	7	9	10	11	12	11
		SUCTION PRESSURE (PSIG)	120	132	143	148	152	155	157	160
		SUCTION TEMPERATURE (°F)	72	68	65	63	61	62	63	64
		SUCTION SUPERHEAT (°F)	31	22	14	11	7	7	7	7
		OUTDOOR UNIT CURRENT (A)	5.8	6.5	7.1	8	8.8	10.2	11.5	12.9
		COMPRESSOR CURRENT (A)	4.8	5.5	6.2	7	7.9	9.2	10.6	11.9
		INDOOR COIL TEMP DROP (°F)	17	18	19	19	18	18	17	16
	1000	LIQUID PRESSURE (PSIG)	201	230	260	311	363	421	478	536
		LIQUID TEMPERATURE (°F)	57	67	78	88	99	108	118	128
		LIQUID SUBCOOLING (°F)	13	10	7	9	10	11	11	11
		SUCTION PRESSURE (PSIG)	121	133	145	151	156	159	161	164
		SUCTION TEMPERATURE (°F)	73	70	68	65	63	64	64	65
		SUCTION SUPERHEAT (°F)	31	24	16	12	8	8	7	7
		OUTDOOR UNIT CURRENT (A)	5.8	6.5	7.1	8	8.8	10.2	11.5	12.8
		COMPRESSOR CURRENT (A)	4.9	5.5	6.2	7	7.9	9.2	10.5	11.9
		INDOOR COIL TEMP DROP (°F)	14	16	17	17	16	16	15	14
	1200	LIQUID PRESSURE (PSIG)	202	232	261	312	364	421	478	535
		LIQUID TEMPERATURE (°F)	57	67	78	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	13	11	8	9	10	11	11	11
		SUCTION PRESSURE (PSIG)	121	134	147	154	160	163	165	168
		SUCTION TEMPERATURE (°F)	74	72	70	68	65	66	66	66
		SUCTION SUPERHEAT (°F)	32	25	18	13	9	8	8	7
		OUTDOOR UNIT CURRENT (A)	5.8	6.5	7.1	8	8.8	10.1	11.4	12.7
		COMPRESSOR CURRENT (A)	4.9	5.5	6.2	7	7.9	9.2	10.5	11.8
		INDOOR COIL TEMP DROP (°F)	12	13	14	14	15	14	13	13

YHE30B21S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	800	LIQUID PRESSURE (PSIG)	379	355	317	326	302	295
		LIQUID TEMPERATURE (°F)	89	79	79	68	62	61
		LIQUID SUBCOOLING (°F)	24	29	25	33	35	34
		SUCTION PRESSURE (PSIG)	131	105	93	77	59	51
		SUCTION TEMPERATURE (°F)	45	34	28	19	7	2
		SUCTION SUPERHEAT (°F)	13	13	5	12	13	14
		OUTDOOR UNIT CURRENT (A)	10.0	9.0	9.0	9.0	9.0	9.0
		COMPRESSOR CURRENT (A)	9.0	9.0	8.0	8.0	8.0	8.0
		INDOOR COIL TEMP RISE (°F)	39	34	26	28	21	21
	1000	LIQUID PRESSURE (PSIG)	349	329	306	304	285	278
		LIQUID TEMPERATURE (°F)	84	75	74	67	61	60
		LIQUID SUBCOOLING (°F)	20	24	20	27	28	27
		SUCTION PRESSURE (PSIG)	129	104	93	77	59	51
		SUCTION TEMPERATURE (°F)	45	34	28	19	8	2
		SUCTION SUPERHEAT (°F)	6	8	8	9	11	12
		OUTDOOR UNIT CURRENT (A)	9.0	9.0	9.0	9.0	8.0	8.0
		COMPRESSOR CURRENT (A)	8.0	8.0	8.0	8.0	7.0	8.0
		INDOOR COIL TEMP RISE (°F)	33	28	23	23	18	18
	1200	LIQUID PRESSURE (PSIG)	320	303	294	282	268	262
		LIQUID TEMPERATURE (°F)	79	72	69	65	60	59
		LIQUID SUBCOOLING (°F)	21	25	26	27	28	28
		SUCTION PRESSURE (PSIG)	128	104	93	76	59	51
		SUCTION TEMPERATURE (°F)	44	33	28	19	8	2
		SUCTION SUPERHEAT (°F)	14	13	13	12	13	14
		OUTDOOR UNIT CURRENT (A)	9.0	8.0	9.0	8.0	8.0	8.0
		COMPRESSOR CURRENT (A)	8.0	8.0	8.0	7.0	7.0	7.0
		INDOOR COIL TEMP RISE (°F)	27	23	20	18	15	15
70	800	LIQUID PRESSURE (PSIG)	428	404	380	373	343	336
		LIQUID TEMPERATURE (°F)	96	87	85	77	70	69
		LIQUID SUBCOOLING (°F)	23	28	25	32	32	32
		SUCTION PRESSURE (PSIG)	132	107	95	79	59	52
		SUCTION TEMPERATURE (°F)	46	35	29	20	8	2
		SUCTION SUPERHEAT (°F)	7	7	8	8	11	11
		OUTDOOR UNIT CURRENT (A)	11.0	11.0	10.0	10.0	10.0	10.0
		COMPRESSOR CURRENT (A)	10.0	10.0	10.0	9.0	9.0	9.0
		INDOOR COIL TEMP RISE (°F)	36	32	28	26	18	20
	1000	LIQUID PRESSURE (PSIG)	397	366	360	350	324	318
		LIQUID TEMPERATURE (°F)	91	85	81	75	69	68
		LIQUID SUBCOOLING (°F)	22	22	25	29	29	29
		SUCTION PRESSURE (PSIG)	131	107	94	78	60	52
		SUCTION TEMPERATURE (°F)	6	8	8	9	11	12
		SUCTION SUPERHEAT (°F)	6	11	8	9	11	12
		OUTDOOR UNIT CURRENT (A)	10.0	10.0	10.0	10.0	9.0	9.0
		COMPRESSOR CURRENT (A)	10.0	9.0	9.0	9.0	8.0	8.0
		INDOOR COIL TEMP RISE (°F)	31	27	24	22	16	16
	1200	LIQUID PRESSURE (PSIG)	366	350	340	327	306	301
		LIQUID TEMPERATURE (°F)	87	80	77	73	69	67
		LIQUID SUBCOOLING (°F)	20	27	25	26	25	26
		SUCTION PRESSURE (PSIG)	129	106	94	78	60	51
		SUCTION TEMPERATURE (°F)	45	34	29	20	8	2
		SUCTION SUPERHEAT (°F)	9	9	9	8	8	8
		OUTDOOR UNIT CURRENT (A)	10.0	9.0	10.0	9.0	9.0	9.0
		COMPRESSOR CURRENT (A)	9.0	9.0	9.0	8.0	8.0	8.0
		INDOOR COIL TEMP RISE (°F)	26	22	20	17	13	13

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YHE30B21S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	800	LIQUID PRESSURE (PSIG)	477	453	442	420	384	378
		LIQUID TEMPERATURE (°F)	103	94	90	85	77	76
		LIQUID SUBCOOLING (°F)	27	31	34	35	36	36
		SUCTION PRESSURE (PSIG)	133	108	96	80	60	52
		SUCTION TEMPERATURE (°F)	46	36	30	21	9	3
		SUCTION SUPERHEAT (°F)	12	12	12	13	13	14
		OUTDOOR UNIT CURRENT (A)	12.0	12.0	12.0	12.0	11.0	10.0
		COMPRESSOR CURRENT (A)	11.0	11.0	11.0	11.0	10.0	10.0
		INDOOR COIL TEMP RISE (°F)	34	31	29	25	14	18
	1000	LIQUID PRESSURE (PSIG)	445	425	414	396	364	358
		LIQUID TEMPERATURE (°F)	99	92	88	83	78	76
		LIQUID SUBCOOLING (°F)	23	26	28	30	29	29
		SUCTION PRESSURE (PSIG)	132	108	96	79	60	52
		SUCTION TEMPERATURE (°F)	46	35	30	21	9	3
		SUCTION SUPERHEAT (°F)	6	7	8	9	11	12
		OUTDOOR UNIT CURRENT (A)	11.0	11.0	11.0	11.0	10.0	10.0
		COMPRESSOR CURRENT (A)	11.0	10.0	10.0	10.0	9.0	9.0
		INDOOR COIL TEMP RISE (°F)	29	27	24	21	13	15
	1200	LIQUID PRESSURE (PSIG)	413	396	385	373	345	339
		LIQUID TEMPERATURE (°F)	95	89	85	81	78	75
		LIQUID SUBCOOLING (°F)	23	27	29	30	29	30
		SUCTION PRESSURE (PSIG)	131	108	95	79	61	52
		SUCTION TEMPERATURE (°F)	46	35	29	20	9	2
		SUCTION SUPERHEAT (°F)	13	12	12	13	9	10
		OUTDOOR UNIT CURRENT (A)	11.0	10.0	11.0	10.0	10.0	10.0
		COMPRESSOR CURRENT (A)	10.0	10.0	10.0	10.0	9.0	9.0
		INDOOR COIL TEMP RISE (°F)	24	22	19	17	12	11

FOR USE WITH MODELS WITH TXV:

YHE35B21S
TH4B3521S
RHP14L35B21S

YHE35B21S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	198(11)	201(12)	204(13)	206(14)
60	216(11)	219(12)	225(14)	225(14)
65	235(12)	238(12)	246(15)	246(15)
70	253(11)	257(11)	267(15)	267(15)
75	271(11)	276(11)	288(15)	288(15)
80	294(11)	299(12)	309(14)	309(14)
85	318(12)	323(13)	331(14)	331(14)
90	342(12)	346(12)	352(13)	352(13)
95	366(12)	370(12)	373(12)	373(12)
100	396(14)	399(13)	402(13)	404(12)
105	425(14)	429(14)	432(14)	435(13)
110	455(14)	458(14)	462(14)	465(13)
115	485(14)	488(14)	492(14)	496(14)
120	515(14)	517(13)	522(14)	526(13)
125	545(13)	547(13)	552(14)	556(13)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHE35B21S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1000	LIQUID PRESSURE (PSIG)	200	237	273	320	367	427	486	545
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	12	12	11	12	12	13	13	13
		SUCTION PRESSURE (PSIG)	114	117	120	122	125	128	131	134
		SUCTION TEMPERATURE (°F)	56	56	56	58	61	65	69	73
		SUCTION SUPERHEAT (°F)	18	16	15	16	18	21	24	26
		OUTDOOR UNIT CURRENT (A)	7.6	8.4	9.2	10.4	11.6	13.4	15.1	16.9
		COMPRESSOR CURRENT (A)	6.4	7.3	8.1	9.3	10.5	12.3	14	15.8
		INDOOR COIL TEMP DROP (°F)	24	23	23	22	22	21	20	19
	1200	LIQUID PRESSURE (PSIG)	201	237	273	297	321	396	471	547
		LIQUID TEMPERATURE (°F)	57	67	77	82	87	100	113	127
		LIQUID SUBCOOLING (°F)	12	13	12	12	13	15	15	14
		SUCTION PRESSURE (PSIG)	118	122	126	127	129	132	136	140
		SUCTION TEMPERATURE (°F)	58	57	56	57	58	63	68	73
		SUCTION SUPERHEAT (°F)	18	15	12	13	14	17	20	24
		OUTDOOR UNIT CURRENT (A)	7.6	8.4	9.2	9.8	10.4	12.5	14.7	16.8
		COMPRESSOR CURRENT (A)	6.4	7.3	8.1	8.7	9.3	11.4	13.6	15.7
		INDOOR COIL TEMP DROP (°F)	21	21	20	20	20	19	18	17
	1400	LIQUID PRESSURE (PSIG)	202	237	272	272	272	364	455	546
		LIQUID TEMPERATURE (°F)	57	68	78	78	78	94	111	128
		LIQUID SUBCOOLING (°F)	12	12	11	11	11	14	15	12
		SUCTION PRESSURE (PSIG)	118	122	127	127	127	131	136	140
		SUCTION TEMPERATURE (°F)	62	60	57	57	57	63	69	74
		SUCTION SUPERHEAT (°F)	22	18	13	13	13	17	21	25
		OUTDOOR UNIT CURRENT (A)	7.6	8.4	9.2	9.2	9.2	11.8	14.3	16.9
		COMPRESSOR CURRENT (A)	6.5	7.3	8.1	8.1	8.1	10.7	13.2	15.8
		INDOOR COIL TEMP DROP (°F)	19	19	19	19	19	18	17	16

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YHE35B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	1000	LIQUID PRESSURE (PSIG)	200	237	275	322	369	427	486	545
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	11	12	11	12	12	13	13	12
		SUCTION PRESSURE (PSIG)	114	117	119	121	124	128	132	135
		SUCTION TEMPERATURE (°F)	56	56	56	59	63	66	70	74
		SUCTION SUPERHEAT (°F)	17	16	16	18	20	22	24	26
		OUTDOOR UNIT CURRENT (A)	7.6	8.4	9.3	10.5	11.6	13.4	15.1	16.9
		COMPRESSOR CURRENT (A)	6.5	7.3	8.2	9.4	10.5	12.3	14.1	15.8
		INDOOR COIL TEMP DROP (°F)	28	27	27	26	25	24	24	23
	1200	LIQUID PRESSURE (PSIG)	201	238	276	323	370	429	488	547
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	12	12	11	13	12	14	14	13
		SUCTION PRESSURE (PSIG)	119	122	126	128	130	135	139	144
		SUCTION TEMPERATURE (°F)	59	58	56	60	63	66	70	73
		SUCTION SUPERHEAT (°F)	19	16	13	15	17	19	21	23
		OUTDOOR UNIT CURRENT (A)	7.6	8.4	9.2	10.4	11.6	13.3	15.1	16.8
		COMPRESSOR CURRENT (A)	6.4	7.3	8.1	9.3	10.5	12.2	14	15.7
		INDOOR COIL TEMP DROP (°F)	24	24	24	23	22	21	21	20
	1400	LIQUID PRESSURE (PSIG)	201	238	275	323	370	429	488	547
		LIQUID TEMPERATURE (°F)	57	68	79	89	99	108	118	128
		LIQUID SUBCOOLING (°F)	12	12	11	12	11	13	13	12
		SUCTION PRESSURE (PSIG)	118	123	128	130	132	137	142	147
		SUCTION TEMPERATURE (°F)	64	61	58	61	65	68	72	75
		SUCTION SUPERHEAT (°F)	24	19	14	16	19	20	22	24
		OUTDOOR UNIT CURRENT (A)	7.6	8.4	9.3	10.5	11.6	13.4	15.1	16.8
		COMPRESSOR CURRENT (A)	6.5	7.3	8.2	9.3	10.5	12.3	14	15.8
		INDOOR COIL TEMP DROP (°F)	22	23	23	22	21	20	19	18
80/67	1000	LIQUID PRESSURE (PSIG)	203	245	287	329	371	431	490	550
		LIQUID TEMPERATURE (°F)	57	68	78	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	12	14	14	13	12	13	13	13
		SUCTION PRESSURE (PSIG)	119	123	127	132	136	139	142	146
		SUCTION TEMPERATURE (°F)	65	65	65	65	64	68	72	76
		SUCTION SUPERHEAT (°F)	25	23	21	19	17	20	22	25
		OUTDOOR UNIT CURRENT (A)	7.6	8.6	9.6	10.6	11.6	13.4	15.2	16.9
		COMPRESSOR CURRENT (A)	6.5	7.5	8.5	9.5	10.5	12.3	14.1	15.9
		INDOOR COIL TEMP DROP (°F)	22	22	22	22	22	21	20	19
	1200	LIQUID PRESSURE (PSIG)	204	246	288	331	373	432	492	552
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	13	15	15	14	12	14	14	14
		SUCTION PRESSURE (PSIG)	123	128	132	137	142	145	149	152
		SUCTION TEMPERATURE (°F)	67	66	66	65	65	68	72	76
		SUCTION SUPERHEAT (°F)	25	22	19	17	15	17	19	22
		OUTDOOR UNIT CURRENT (A)	7.6	8.6	9.6	10.6	11.6	13.3	15.1	16.8
		COMPRESSOR CURRENT (A)	6.5	7.5	8.5	9.5	10.5	12.3	14	15.8
		INDOOR COIL TEMP DROP (°F)	19	19	19	19	19	19	18	17
	1400	LIQUID PRESSURE (PSIG)	205	247	288	330	372	432	491	551
		LIQUID TEMPERATURE (°F)	57	68	78	89	99	109	119	128
		LIQUID SUBCOOLING (°F)	13	14	14	13	11	13	13	13
		SUCTION PRESSURE (PSIG)	122	127	132	137	142	145	148	152
		SUCTION TEMPERATURE (°F)	70	69	68	67	66	70	74	77
		SUCTION SUPERHEAT (°F)	28	25	22	19	16	19	21	24
		OUTDOOR UNIT CURRENT (A)	7.6	8.6	9.6	10.6	11.6	13.4	15.1	16.9
		COMPRESSOR CURRENT (A)	6.5	7.5	8.5	9.5	10.5	12.3	14.1	15.8
		INDOOR COIL TEMP DROP (°F)	18	18	18	18	18	18	17	17

Continued on next page.

YHE35B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1000	LIQUID PRESSURE (PSIG)	205	242	280	326	373	433	494	555
		LIQUID TEMPERATURE (°F)	57	68	79	89	99	109	119	129
		LIQUID SUBCOOLING (°F)	14	13	11	12	11	13	13	13
		SUCTION PRESSURE (PSIG)	120	131	141	145	149	153	156	159
		SUCTION TEMPERATURE (°F)	71	69	67	68	68	71	75	79
		SUCTION SUPERHEAT (°F)	30	24	18	16	15	17	20	22
		OUTDOOR UNIT CURRENT (A)	7.7	8.5	9.4	10.5	11.6	13.4	15.2	17
		COMPRESSOR CURRENT (A)	6.5	7.4	8.3	9.4	10.5	12.3	14.1	15.9
		INDOOR COIL TEMP DROP (°F)	17	18	18	18	17	16	16	15
	1200	LIQUID PRESSURE (PSIG)	206	244	281	328	374	435	496	556
		LIQUID TEMPERATURE (°F)	57	68	78	89	99	109	119	128
		LIQUID SUBCOOLING (°F)	14	14	12	13	12	13	14	13
		SUCTION PRESSURE (PSIG)	124	135	146	151	156	159	162	166
		SUCTION TEMPERATURE (°F)	71	70	69	68	68	72	75	78
		SUCTION SUPERHEAT (°F)	28	22	17	15	13	15	17	19
		OUTDOOR UNIT CURRENT (A)	7.7	8.5	9.4	10.5	11.6	13.4	15.1	16.9
		COMPRESSOR CURRENT (A)	6.5	7.4	8.2	9.4	10.5	12.3	14.1	15.8
		INDOOR COIL TEMP DROP (°F)	14	15	16	15	15	14	14	13
	1400	LIQUID PRESSURE (PSIG)	207	244	282	328	374	434	495	555
		LIQUID TEMPERATURE (°F)	57	68	79	89	100	110	120	129
		LIQUID SUBCOOLING (°F)	14	14	12	12	11	12	13	12
		SUCTION PRESSURE (PSIG)	123	134	145	151	156	159	162	165
		SUCTION TEMPERATURE (°F)	73	72	72	71	70	74	77	80
		SUCTION SUPERHEAT (°F)	31	26	21	18	15	17	19	21
		OUTDOOR UNIT CURRENT (A)	7.7	8.6	9.4	10.5	11.6	13.4	15.2	17
		COMPRESSOR CURRENT (A)	6.6	7.4	8.3	9.4	10.5	12.3	14.1	15.9
		INDOOR COIL TEMP DROP (°F)	13	14	15	14	14	14	13	13

YHE35B21S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1000	LIQUID PRESSURE (PSIG)	353	331	319	301	280	271
		LIQUID TEMPERATURE (°F)	84	76	71	64	60	58
		LIQUID SUBCOOLING (°F)	24	27	29	32	31	31
		SUCTION PRESSURE (PSIG)	123	100	88	71	57	48
		SUCTION TEMPERATURE (°F)	57	45	38	28	19	13
		SUCTION SUPERHEAT (°F)	15	14	13	12	13	13
		OUTDOOR UNIT CURRENT (A)	11.0	11.0	11.0	10.0	10.0	11.0
		COMPRESSOR CURRENT (A)	10.0	10.0	9.0	9.0	9.0	9.0
		INDOOR COIL TEMP RISE (°F)	36	31	28	24	20	18
	1200	LIQUID PRESSURE (PSIG)	331	311	302	287	268	258
		LIQUID TEMPERATURE (°F)	81	73	69	63	58	57
		LIQUID SUBCOOLING (°F)	22	26	28	30	31	29
		SUCTION PRESSURE (PSIG)	122	100	88	72	56	47
		SUCTION TEMPERATURE (°F)	57	45	38	29	18	12
		SUCTION SUPERHEAT (°F)	15	14	13	13	12	13
		OUTDOOR UNIT CURRENT (A)	11.0	10.0	10.0	10.0	10.0	10.0
		COMPRESSOR CURRENT (A)	10.0	9.0	9.0	9.0	8.0	9.0
		INDOOR COIL TEMP RISE (°F)	31	27	24	21	17	15
	1400	LIQUID PRESSURE (PSIG)	309	292	285	272	255	246
		LIQUID TEMPERATURE (°F)	77	71	67	62	57	56
		LIQUID SUBCOOLING (°F)	21	23	26	28	28	27
		SUCTION PRESSURE (PSIG)	121	99	87	73	55	45
		SUCTION TEMPERATURE (°F)	57	45	38	29	17	10
		SUCTION SUPERHEAT (°F)	16	14	13	12	12	13
		OUTDOOR UNIT CURRENT (A)	10.0	10.0	10.0	10.0	9.0	10.0
		COMPRESSOR CURRENT (A)	9.0	9.0	9.0	8.0	8.0	9.0
		INDOOR COIL TEMP RISE (°F)	26	23	20	18	14	12
70	1000	LIQUID PRESSURE (PSIG)	401	378	368	349	325	316
		LIQUID TEMPERATURE (°F)	93	84	79	72	69	67
		LIQUID SUBCOOLING (°F)	24	29	32	35	33	33
		SUCTION PRESSURE (PSIG)	125	101	89	72	58	49
		SUCTION TEMPERATURE (°F)	57	45	39	29	19	13
		SUCTION SUPERHEAT (°F)	14	13	13	13	12	13
		OUTDOOR UNIT CURRENT (A)	13.0	12.0	12.0	12.0	11.0	12.0
		COMPRESSOR CURRENT (A)	12.0	11.0	11.0	10.0	10.0	11.0
		INDOOR COIL TEMP RISE (°F)	35	30	27	23	20	18
	1200	LIQUID PRESSURE (PSIG)	376	357	350	332	312	303
		LIQUID TEMPERATURE (°F)	90	82	77	71	67	66
		LIQUID SUBCOOLING (°F)	22	26	30	32	32	31
		SUCTION PRESSURE (PSIG)	123	101	88	72	57	48
		SUCTION TEMPERATURE (°F)	56	45	38	29	19	12
		SUCTION SUPERHEAT (°F)	14	13	13	13	13	12
		OUTDOOR UNIT CURRENT (A)	12.0	12.0	12.0	11.0	11.0	12.0
		COMPRESSOR CURRENT (A)	11.0	10.0	10.0	10.0	9.0	10.0
		INDOOR COIL TEMP RISE (°F)	30	26	24	20	17	15
	1400	LIQUID PRESSURE (PSIG)	351	336	332	315	299	290
		LIQUID TEMPERATURE (°F)	87	79	75	70	65	65
		LIQUID SUBCOOLING (°F)	20	25	28	30	31	29
		SUCTION PRESSURE (PSIG)	122	100	88	71	56	47
		SUCTION TEMPERATURE (°F)	55	45	38	28	18	12
		SUCTION SUPERHEAT (°F)	13	14	13	12	12	13
		OUTDOOR UNIT CURRENT (A)	11.0	10.0	11.0	11.0	10.0	11.0
		COMPRESSOR CURRENT (A)	10.0	11.0	10.0	9.0	9.0	10.0
		INDOOR COIL TEMP RISE (°F)	25	22	20	17	14	12

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YHE35B21S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1000	LIQUID PRESSURE (PSIG)	449	424	417	397	370	362
		LIQUID TEMPERATURE (°F)	101	92	86	81	77	75
		LIQUID SUBCOOLING (°F)	25	29	34	35	34	34
		SUCTION PRESSURE (PSIG)	126	102	89	73	58	50
		SUCTION TEMPERATURE (°F)	57	45	39	30	20	14
		SUCTION SUPERHEAT (°F)	14	13	13	13	13	13
		OUTDOOR UNIT CURRENT (A)	14.0	13.0	13.0	13.0	12.0	13.0
		COMPRESSOR CURRENT (A)	13.0	12.0	12.0	12.0	11.0	12.0
		INDOOR COIL TEMP RISE (°F)	34	29	27	23	19	17
	1200	LIQUID PRESSURE (PSIG)	421	403	398	377	356	348
		LIQUID TEMPERATURE (°F)	99	90	85	79	76	74
		LIQUID SUBCOOLING (°F)	22	27	31	33	32	33
		SUCTION PRESSURE (PSIG)	124	101	88	71	57	49
		SUCTION TEMPERATURE (°F)	54	45	39	28	19	13
		SUCTION SUPERHEAT (°F)	12	13	14	12	13	13
		OUTDOOR UNIT CURRENT (A)	13.0	13.0	13.0	12.0	12.0	13.0
		COMPRESSOR CURRENT (A)	12.0	12.0	12.0	11.0	11.0	12.0
		INDOOR COIL TEMP RISE (°F)	29	25	23	19	16	15
	1400	LIQUID PRESSURE (PSIG)	393	381	379	357	342	335
		LIQUID TEMPERATURE (°F)	97	87	83	78	74	73
		LIQUID SUBCOOLING (°F)	19	26	30	30	31	31
		SUCTION PRESSURE (PSIG)	123	101	88	70	57	48
		SUCTION TEMPERATURE (°F)	52	45	38	27	19	13
		SUCTION SUPERHEAT (°F)	10	13	13	12	13	13
		OUTDOOR UNIT CURRENT (A)	13.0	12.0	12.0	12.0	12.0	13.0
		COMPRESSOR CURRENT (A)	11.0	11.0	11.0	11.0	10.0	11.0
		INDOOR COIL TEMP RISE (°F)	24	21	20	16	14	12

FOR USE WITH MODELS WITH TXV:

YHE36B21H
TH4B3621H
RHP14L36B21S
QH4B36B21S

YHE36B21H SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	189(6)	192(7)	192(7)	192(7)
60	207(6)	210(7)	210(7)	210(7)
65	226(7)	228(7)	228(7)	228(7)
70	244(7)	246(7)	246(7)	246(7)
75	262(7)	264(7)	264(7)	264(7)
80	284(7)	285(7)	285(7)	285(7)
85	306(8)	307(8)	307(8)	307(8)
90	327(8)	328(8)	328(8)	328(8)
95	349(8)	350(8)	350(8)	350(8)
100	376(8)	376(8)	376(8)	376(8)
105	403(9)	403(9)	403(9)	403(9)
110	429(9)	429(9)	429(9)	429(9)
115	455(9)	455(9)	455(9)	455(9)
120	481(9)	481(9)	481(9)	482(9)
125	508(9)	508(9)	508(9)	509(9)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHE36B21H W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1000	LIQUID PRESSURE (PSIG)	181	215	249	290	330	382	434	485
		LIQUID TEMPERATURE (°F)	62	72	82	92	102	111	121	130
		LIQUID SUBCOOLING (°F)	6	7	7	8	7	9	9	9
		SUCTION PRESSURE (PSIG)	99	107	115	120	126	130	134	138
		SUCTION TEMPERATURE (°F)	67	68	68	69	70	74	78	82
		SUCTION SUPERHEAT (°F)	36	33	30	28	27	29	31	33
		OUTDOOR UNIT CURRENT (A)	7.2	8	8.8	9.7	10.6	11.6	12.5	13.5
		COMPRESSOR CURRENT (A)	6.0	6.8	7.7	8.6	9.5	10.4	11.4	12.4
		INDOOR COIL TEMP DROP (°F)	20	21	21	21	20	19	18	17
	1200	LIQUID PRESSURE (PSIG)	189	225	262	304	347	401	455	509
		LIQUID TEMPERATURE (°F)	59	69	79	89	98	107	116	126
		LIQUID SUBCOOLING (°F)	6	7	7	8	7	9	9	9
		SUCTION PRESSURE (PSIG)	108	119	130	136	143	148	153	158
		SUCTION TEMPERATURE (°F)	58	59	60	61	62	65	68	71
		SUCTION SUPERHEAT (°F)	23	19	15	13	12	13	14	15
		OUTDOOR UNIT CURRENT (A)	7.5	8.4	9.2	10.2	11.1	12.1	13.1	14.1
		COMPRESSOR CURRENT (A)	6.3	7.2	8.1	9.0	10.0	11.0	12.0	13.0
		INDOOR COIL TEMP DROP (°F)	20	21	22	22	21	20	19	18
	1400	LIQUID PRESSURE (PSIG)	180	215	250	291	332	384	435	487
		LIQUID TEMPERATURE (°F)	61	72	82	92	102	111	121	130
		LIQUID SUBCOOLING (°F)	6	7	7	8	7	9	9	9
		SUCTION PRESSURE (PSIG)	94	106	118	124	129	134	139	144
		SUCTION TEMPERATURE (°F)	69	71	73	74	75	78	81	84
		SUCTION SUPERHEAT (°F)	40	36	33	31	31	31	32	33
		OUTDOOR UNIT CURRENT (A)	7.2	8.1	8.9	9.8	10.8	11.7	12.7	13.7
		COMPRESSOR CURRENT (A)	6.0	6.9	7.7	8.7	9.6	10.6	11.6	12.6
		INDOOR COIL TEMP DROP (°F)	13	15	16	16	16	15	15	14

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YHE36B21H W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
80/62	1000	LIQUID PRESSURE (PSIG)	183	217	252	293	334	383	432	481
		LIQUID TEMPERATURE (°F)	62	72	83	92	102	111	120	130
		LIQUID SUBCOOLING (°F)	7	7	7	8	8	9	9	9
		SUCTION PRESSURE (PSIG)	103	110	118	123	128	130	133	136
		SUCTION TEMPERATURE (°F)	68	68	68	69	70	77	83	90
		SUCTION SUPERHEAT (°F)	35	31	28	26	25	31	37	43
		OUTDOOR UNIT CURRENT (A)	7.2	8.1	9	9.9	10.8	11.7	12.6	13.4
		COMPRESSOR CURRENT (A)	6.0	6.9	7.8	8.7	9.7	10.6	11.5	12.3
		INDOOR COIL TEMP DROP (°F)	24	25	25	25	24	22	20	17
	1200	LIQUID PRESSURE (PSIG)	192	228	264	307	350	403	455	508
		LIQUID TEMPERATURE (°F)	60	70	80	89	99	107	116	125
		LIQUID SUBCOOLING (°F)	7	7	7	8	8	9	9	9
		SUCTION PRESSURE (PSIG)	117	125	134	140	145	150	155	159
		SUCTION TEMPERATURE (°F)	60	60	60	61	62	67	71	75
		SUCTION SUPERHEAT (°F)	20	17	14	12	11	14	16	19
		OUTDOOR UNIT CURRENT (A)	7.5	8.4	9.3	10.3	11.3	12.3	13.2	14.2
		COMPRESSOR CURRENT (A)	6.3	7.2	8.2	9.2	10.2	11.2	12.1	13.1
		INDOOR COIL TEMP DROP (°F)	25	26	27	27	26	24	22	20
	1400	LIQUID PRESSURE (PSIG)	183	218	252	294	335	386	437	488
		LIQUID TEMPERATURE (°F)	62	72	83	93	102	112	121	131
		LIQUID SUBCOOLING (°F)	7	7	7	8	8	9	9	9
		SUCTION PRESSURE (PSIG)	106	114	122	127	132	138	143	149
		SUCTION TEMPERATURE (°F)	72	73	74	75	76	79	83	87
		SUCTION SUPERHEAT (°F)	37	34	32	31	30	31	33	34
		OUTDOOR UNIT CURRENT (A)	7.2	8.1	9	9.9	10.9	11.9	12.9	13.9
		COMPRESSOR CURRENT (A)	6.0	6.9	7.8	8.8	9.7	10.7	11.7	12.8
		INDOOR COIL TEMP DROP (°F)	19	19	20	20	20	18	17	16
80/67	1000	LIQUID PRESSURE (PSIG)	181	216	250	291	332	383	434	486
		LIQUID TEMPERATURE (°F)	62	72	82	92	102	111	121	130
		LIQUID SUBCOOLING (°F)	6	7	7	8	8	9	9	9
		SUCTION PRESSURE (PSIG)	99	107	114	120	126	131	137	142
		SUCTION TEMPERATURE (°F)	72	74	77	79	81	85	88	91
		SUCTION SUPERHEAT (°F)	41	39	38	38	38	39	40	41
		OUTDOOR UNIT CURRENT (A)	7.2	8	8.9	9.8	10.7	11.8	12.8	13.9
		COMPRESSOR CURRENT (A)	6.0	6.9	7.7	8.7	9.6	10.6	11.7	12.7
		INDOOR COIL TEMP DROP (°F)	18	18	18	18	17	16	15	15
	1200	LIQUID PRESSURE (PSIG)	190	226	262	305	348	401	455	508
		LIQUID TEMPERATURE (°F)	60	69	79	89	98	107	116	126
		LIQUID SUBCOOLING (°F)	6	7	7	8	8	9	9	9
		SUCTION PRESSURE (PSIG)	112	120	129	135	142	148	154	160
		SUCTION TEMPERATURE (°F)	62	64	66	68	70	73	76	78
		SUCTION SUPERHEAT (°F)	25	23	21	21	21	21	21	21
		OUTDOOR UNIT CURRENT (A)	7.5	8.4	9.3	10.2	11.2	12.3	13.4	14.5
		COMPRESSOR CURRENT (A)	6.3	7.2	8.1	9.1	10.1	11.1	12.2	13.3
		INDOOR COIL TEMP DROP (°F)	19	19	19	19	18	17	16	16
	1400	LIQUID PRESSURE (PSIG)	182	216	250	291	332	383	434	485
		LIQUID TEMPERATURE (°F)	62	72	82	92	102	111	121	130
		LIQUID SUBCOOLING (°F)	6	7	7	8	8	9	9	9
		SUCTION PRESSURE (PSIG)	101	108	116	122	128	133	138	144
		SUCTION TEMPERATURE (°F)	73	76	78	81	84	86	89	92
		SUCTION SUPERHEAT (°F)	41	40	39	39	39	40	41	42
		OUTDOOR UNIT CURRENT (A)	7.2	8	8.9	9.8	10.7	11.8	12.8	13.9
		COMPRESSOR CURRENT (A)	6.0	6.8	7.7	8.7	9.6	10.6	11.7	12.7
		INDOOR COIL TEMP DROP (°F)	14	14	14	14	13	13	12	11

Continued on next page.

YHE36B21H W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1000	LIQUID PRESSURE (PSIG)	180	214	248	289	330	382	434	485
		LIQUID TEMPERATURE (°F)	62	72	82	92	101	111	121	130
		LIQUID SUBCOOLING (°F)	6	7	7	8	7	9	9	9
		SUCTION PRESSURE (PSIG)	94	103	113	119	125	132	138	144
		SUCTION TEMPERATURE (°F)	73	76	79	81	84	87	90	93
		SUCTION SUPERHEAT (°F)	44	42	41	41	41	41	41	42
		OUTDOOR UNIT CURRENT (A)	7.2	8.1	8.9	9.9	10.9	11.9	12.9	13.9
		COMPRESSOR CURRENT (A)	6.0	6.9	7.7	8.7	9.7	10.7	11.8	12.8
		INDOOR COIL TEMP DROP (°F)	13	14	14	13	13	12	11	10
	1200	LIQUID PRESSURE (PSIG)	189	225	261	303	346	400	455	509
		LIQUID TEMPERATURE (°F)	59	69	79	88	98	107	116	126
		LIQUID SUBCOOLING (°F)	6	7	7	8	7	9	9	9
		SUCTION PRESSURE (PSIG)	106	116	127	134	141	148	155	162
		SUCTION TEMPERATURE (°F)	62	65	67	70	72	74	77	79
		SUCTION SUPERHEAT (°F)	28	26	24	23	23	22	22	22
		OUTDOOR UNIT CURRENT (A)	7.6	8.4	9.3	10.3	11.3	12.3	13.4	14.5
		COMPRESSOR CURRENT (A)	6.4	7.2	8.1	9.1	10.1	11.2	12.3	13.4
		INDOOR COIL TEMP DROP (°F)	14	14	14	14	13	13	12	11
	1400	LIQUID PRESSURE (PSIG)	180	215	249	290	331	382	434	486
		LIQUID TEMPERATURE (°F)	61	72	82	92	102	111	121	130
		LIQUID SUBCOOLING (°F)	6	7	7	8	7	9	9	9
		SUCTION PRESSURE (PSIG)	95	105	114	120	127	133	139	145
		SUCTION TEMPERATURE (°F)	73	76	79	82	85	88	91	93
		SUCTION SUPERHEAT (°F)	44	42	41	41	41	41	42	42
		OUTDOOR UNIT CURRENT (A)	7.3	8.1	8.9	9.9	10.8	11.8	12.9	13.9
		COMPRESSOR CURRENT (A)	6.1	6.9	7.8	8.7	9.7	10.7	11.7	12.8
		INDOOR COIL TEMP DROP (°F)	10	10	10	10	10	9	9	8

YHE36B21H W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1000	LIQUID PRESSURE (PSIG)	391	360	344	320	291	262
		LIQUID TEMPERATURE (°F)	72	62	57	50	42	37
		LIQUID SUBCOOLING (°F)	43	47	49	51	52	50
		SUCTION PRESSURE (PSIG)	121	103	93	77	59	49
		SUCTION TEMPERATURE (°F)	59	46	39	30	17	9
		SUCTION SUPERHEAT (°F)	18	13	11	11	9	9
		OUTDOOR UNIT CURRENT (A)	11.8	10.8	10.3	9.7	8.8	8.1
		COMPRESSOR CURRENT (A)	10.6	9.6	9.1	8.4	7.5	6.8
		INDOOR COIL TEMP RISE (°F)	37	30	27	27	17	15
	1200	LIQUID PRESSURE (PSIG)	366	339	325	303	281	257
		LIQUID TEMPERATURE (°F)	70	61	56	49	42	37
		LIQUID SUBCOOLING (°F)	40	44	46	48	50	49
		SUCTION PRESSURE (PSIG)	117	102	92	76	59	50
		SUCTION TEMPERATURE (°F)	59	46	39	30	17	10
		SUCTION SUPERHEAT (°F)	20	14	12	11	9	9
		OUTDOOR UNIT CURRENT (A)	11.3	10.5	10.1	9.5	8.6	8.1
		COMPRESSOR CURRENT (A)	10.1	9.2	8.8	8.2	7.4	6.8
		INDOOR COIL TEMP RISE (°F)	32	26	24	24	15	13
	1400	LIQUID PRESSURE (PSIG)	341	317	306	287	272	252
		LIQUID TEMPERATURE (°F)	68	60	55	49	42	38
		LIQUID SUBCOOLING (°F)	37	40	43	44	48	46
		SUCTION PRESSURE (PSIG)	114	101	91	75	57	50
		SUCTION TEMPERATURE (°F)	59	46	39	30	18	12
		SUCTION SUPERHEAT (°F)	21	14	12	12	12	11
		OUTDOOR UNIT CURRENT (A)	10.8	10.1	9.8	9.3	8.5	8.1
		COMPRESSOR CURRENT (A)	9.7	8.9	8.5	8	7.2	6.8
		INDOOR COIL TEMP RISE (°F)	28	22	20	20	13	11
70	1000	LIQUID PRESSURE (PSIG)	437	409	386	364	330	302
		LIQUID TEMPERATURE (°F)	77	67	62	55	47	42
		LIQUID SUBCOOLING (°F)	47	52	52	55	56	55
		SUCTION PRESSURE (PSIG)	124	106	94	79	61	51
		SUCTION TEMPERATURE (°F)	59	47	40	31	18	10
		SUCTION SUPERHEAT (°F)	17	13	12	11	9	8
		OUTDOOR UNIT CURRENT (A)	12.5	11.4	10.8	10	8.9	8.3
		COMPRESSOR CURRENT (A)	11.3	10.2	9.6	8.8	7.7	7
		INDOOR COIL TEMP RISE (°F)	35	29	26	26	16	14
	1200	LIQUID PRESSURE (PSIG)	411	387	369	348	319	293
		LIQUID TEMPERATURE (°F)	75	66	61	55	47	42
		LIQUID SUBCOOLING (°F)	44	48	50	52	53	53
		SUCTION PRESSURE (PSIG)	121	104	94	78	60	51
		SUCTION TEMPERATURE (°F)	59	46	40	31	18	10
		SUCTION SUPERHEAT (°F)	18	13	12	11	10	8
		OUTDOOR UNIT CURRENT (A)	12	11.1	10.6	9.9	8.9	8.3
		COMPRESSOR CURRENT (A)	10.8	9.9	9.4	8.6	7.6	6.9
		INDOOR COIL TEMP RISE (°F)	30	25	22	22	14	12
	1400	LIQUID PRESSURE (PSIG)	385	365	351	332	308	284
		LIQUID TEMPERATURE (°F)	74	65	61	54	47	43
		LIQUID SUBCOOLING (°F)	40	45	46	49	51	49
		SUCTION PRESSURE (PSIG)	118	103	93	77	60	52
		SUCTION TEMPERATURE (°F)	59	46	39	31	19	10
		SUCTION SUPERHEAT (°F)	19	13	11	12	11	7
		OUTDOOR UNIT CURRENT (A)	11.6	10.8	10.4	9.7	8.8	8.3
		COMPRESSOR CURRENT (A)	10.4	9.6	9.2	8.5	7.5	6.8
		INDOOR COIL TEMP RISE (°F)	26	21	19	19	12	10

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YHE36B21H W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1000	LIQUID PRESSURE (PSIG)	483	458	428	409	369	342
		LIQUID TEMPERATURE (°F)	82	72	67	60	52	47
		LIQUID SUBCOOLING (°F)	49	55	55	59	59	58
		SUCTION PRESSURE (PSIG)	127	108	96	80	63	53
		SUCTION TEMPERATURE (°F)	59	47	40	31	19	12
		SUCTION SUPERHEAT (°F)	15	12	11	10	9	9
		OUTDOOR UNIT CURRENT (A)	13.2	12.1	11.3	10.3	9.1	8.6
		COMPRESSOR CURRENT (A)	12	10.9	10.1	9.1	7.8	7.2
		INDOOR COIL TEMP RISE (°F)	33	27	24	24	15	13
	1200	LIQUID PRESSURE (PSIG)	456	435	412	393	357	329
		LIQUID TEMPERATURE (°F)	80	71	66	60	52	48
		LIQUID SUBCOOLING (°F)	47	52	53	56	56	55
		SUCTION PRESSURE (PSIG)	125	107	95	80	62	53
		SUCTION TEMPERATURE (°F)	59	47	40	31	19	10
		SUCTION SUPERHEAT (°F)	16	12	11	10	9	7
		OUTDOOR UNIT CURRENT (A)	12.8	11.8	11.2	10.3	9.1	8.5
		COMPRESSOR CURRENT (A)	11.6	10.6	10	9	7.8	7.1
		INDOOR COIL TEMP RISE (°F)	29	24	21	21	13	11
	1400	LIQUID PRESSURE (PSIG)	429	412	395	377	345	317
		LIQUID TEMPERATURE (°F)	79	70	66	60	52	48
		LIQUID SUBCOOLING (°F)	43	49	50	52	54	52
		SUCTION PRESSURE (PSIG)	123	106	95	80	62	53
		SUCTION TEMPERATURE (°F)	59	47	40	32	20	8
		SUCTION SUPERHEAT (°F)	17	13	11	11	10	5
		OUTDOOR UNIT CURRENT (A)	12.4	11.6	11	10.2	9	8.4
		COMPRESSOR CURRENT (A)	11.2	10.4	9.8	8.9	7.7	6.9
		INDOOR COIL TEMP RISE (°F)	25	20	18	18	11	9

FOR USE WITH MODELS WITH TXV:

YHE36B22S
TH4B36B22S
RHP14L36B22S
QH4B36B22S

YHE36B22S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	196 (10)	199 (11)	203 (12)	205 (13)
60	214 (10)	218 (11)	221 (12)	223 (13)
65	232 (10)	236 (11)	239 (12)	242 (13)
70	250 (10)	254 (11)	258 (12)	260 (12)
75	267 (10)	272 (10)	276 (12)	278 (12)
80	290 (10)	295 (11)	299 (12)	301 (12)
85	313 (11)	318 (11)	323 (12)	324 (12)
90	336 (11)	342 (11)	347 (12)	347 (12)
95	358 (11)	365 (12)	370 (12)	371 (12)
100	389 (11)	396 (12)	401 (13)	402 (13)
105	420 (12)	426 (12)	431 (13)	433 (13)
110	450 (12)	457 (13)	462 (13)	464 (13)
115	481 (12)	488 (13)	492 (14)	495 (14)
120	512 (13)	518 (13)	523 (14)	526 (14)
125	542 (13)	549 (14)	554 (14)	558 (15)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHE36B22S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	950	LIQUID PRESSURE (PSIG)	200	236	271	318	364	426	487	549
		LIQUID TEMPERATURE (°F)	58	68	78	88	97	107	117	127
		LIQUID SUBCOOLING (°F)	12	12	11	12	12	13	14	14
		SUCTION PRESSURE (PSIG)	113	116	119	121	123	126	130	133
		SUCTION TEMPERATURE (°F)	56	56	56	58	60	63	67	70
		SUCTION SUPERHEAT (°F)	18	17	16	17	18	20	22	24
		OUTDOOR UNIT CURRENT (A)	7.8	8.6	9.4	10.6	11.7	13.5	15.4	17.2
		COMPRESSOR CURRENT (A)	5.8	6.6	7.5	8.6	9.7	11.6	13.5	15.3
		INDOOR COIL TEMP DROP (°F)	22	24	26	25	24	24	23	22
	1200	LIQUID PRESSURE (PSIG)	201	237	272	318	364	426	487	549
		LIQUID TEMPERATURE (°F)	58	68	78	88	97	107	117	127
		LIQUID SUBCOOLING (°F)	12	12	11	12	12	13	14	14
		SUCTION PRESSURE (PSIG)	116	119	122	124	127	130	133	136
		SUCTION TEMPERATURE (°F)	58	58	58	59	61	64	68	71
		SUCTION SUPERHEAT (°F)	20	18	16	17	17	20	22	24
		OUTDOOR UNIT CURRENT (A)	7.8	8.6	9.5	10.6	11.7	13.5	15.4	17.2
		COMPRESSOR CURRENT (A)	5.8	6.7	7.5	8.6	9.7	11.6	13.4	15.3
		INDOOR COIL TEMP DROP (°F)	22	23	24	23	23	22	21	20
	1450	LIQUID PRESSURE (PSIG)	202	238	274	319	364	426	487	549
		LIQUID TEMPERATURE (°F)	58	68	78	88	97	107	117	127
		LIQUID SUBCOOLING (°F)	12	12	11	12	12	13	13	14
		SUCTION PRESSURE (PSIG)	119	122	125	128	130	133	136	138
		SUCTION TEMPERATURE (°F)	61	60	60	61	62	65	68	71
		SUCTION SUPERHEAT (°F)	21	19	17	17	17	19	21	23
		OUTDOOR UNIT CURRENT (A)	7.8	8.6	9.5	10.6	11.6	13.5	15.3	17.2
		COMPRESSOR CURRENT (A)	5.8	6.7	7.5	8.6	9.7	11.5	13.4	15.2
		INDOOR COIL TEMP DROP (°F)	22	22	22	21	21	20	20	19

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YHE36B22S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	950	LIQUID PRESSURE (PSIG)	198	235	271	318	365	426	487	548
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	11	11	11	11	12	13	13	14
		SUCTION PRESSURE (PSIG)	113	116	119	121	123	127	131	134
		SUCTION TEMPERATURE (°F)	56	56	56	58	59	63	67	70
		SUCTION SUPERHEAT (°F)	19	17	16	16	17	19	22	24
		OUTDOOR UNIT CURRENT (A)	7.7	8.5	9.4	10.5	11.7	13.5	15.4	17.2
		COMPRESSOR CURRENT (A)	5.7	6.5	7.4	8.6	9.8	11.6	13.4	15.3
		INDOOR COIL TEMP DROP (°F)	31	31	30	30	29	28	27	25
	1200	LIQUID PRESSURE (PSIG)	200	236	272	319	366	427	488	550
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	11	11	11	11	12	13	14	14
		SUCTION PRESSURE (PSIG)	116	119	123	125	127	131	135	139
		SUCTION TEMPERATURE (°F)	59	59	58	60	61	65	68	72
		SUCTION SUPERHEAT (°F)	21	18	16	17	17	19	21	23
		OUTDOOR UNIT CURRENT (A)	7.7	8.6	9.4	10.5	11.7	13.5	15.3	17.2
		COMPRESSOR CURRENT (A)	5.7	6.6	7.4	8.6	9.8	11.6	13.4	15.3
		INDOOR COIL TEMP DROP (°F)	29	28	28	28	27	26	25	23
	1450	LIQUID PRESSURE (PSIG)	202	237	273	320	366	428	490	551
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	12	12	11	11	12	13	14	15
		SUCTION PRESSURE (PSIG)	119	123	127	129	132	136	140	144
		SUCTION TEMPERATURE (°F)	62	61	60	62	63	66	70	73
		SUCTION SUPERHEAT (°F)	22	19	17	17	17	19	21	22
		OUTDOOR UNIT CURRENT (A)	7.7	8.6	9.4	10.5	11.7	13.5	15.3	17.2
		COMPRESSOR CURRENT (A)	5.8	6.6	7.5	8.6	9.8	11.6	13.4	15.2
		INDOOR COIL TEMP DROP (°F)	26	26	26	25	25	24	22	21
80/67	950	LIQUID PRESSURE (PSIG)	202	239	275	323	371	431	491	551
		LIQUID TEMPERATURE (°F)	58	68	79	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	12	12	12	12	13	13	14	15
		SUCTION PRESSURE (PSIG)	121	125	129	131	134	137	139	142
		SUCTION TEMPERATURE (°F)	64	62	61	62	63	66	68	71
		SUCTION SUPERHEAT (°F)	23	20	16	16	17	18	20	21
		OUTDOOR UNIT CURRENT (A)	7.8	8.6	9.5	10.6	11.8	13.6	15.4	17.1
		COMPRESSOR CURRENT (A)	5.9	6.7	7.6	8.7	9.9	11.7	13.5	15.3
		INDOOR COIL TEMP DROP (°F)	21	23	25	25	24	24	23	22
	1200	LIQUID PRESSURE (PSIG)	204	240	276	323	371	432	493	554
		LIQUID TEMPERATURE (°F)	58	68	79	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	13	12	12	12	13	13	14	15
		SUCTION PRESSURE (PSIG)	123	127	132	135	137	140	142	145
		SUCTION TEMPERATURE (°F)	67	65	63	64	65	67	70	72
		SUCTION SUPERHEAT (°F)	25	21	17	17	17	18	20	21
		OUTDOOR UNIT CURRENT (A)	7.8	8.6	9.5	10.6	11.8	13.6	15.4	17.2
		COMPRESSOR CURRENT (A)	5.9	6.7	7.6	8.7	9.9	11.7	13.5	15.3
		INDOOR COIL TEMP DROP (°F)	21	22	23	23	23	22	21	21
	1450	LIQUID PRESSURE (PSIG)	205	241	277	324	370	432	495	557
		LIQUID TEMPERATURE (°F)	58	68	79	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	13	13	12	12	13	13	14	15
		SUCTION PRESSURE (PSIG)	125	130	135	138	140	143	145	147
		SUCTION TEMPERATURE (°F)	69	67	64	65	66	69	71	73
		SUCTION SUPERHEAT (°F)	27	22	17	17	17	19	20	21
		OUTDOOR UNIT CURRENT (A)	7.8	8.7	9.5	10.7	11.8	13.6	15.5	17.3
		COMPRESSOR CURRENT (A)	5.9	6.7	7.6	8.7	9.9	11.7	13.5	15.4
		INDOOR COIL TEMP DROP (°F)	21	21	21	21	21	20	20	19

Continued on next page.

YHE36B22S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	950	LIQUID PRESSURE (PSIG)	205	241	277	324	371	433	495	557
		LIQUID TEMPERATURE (°F)	58	68	79	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	14	13	13	13	13	13	14	15
		SUCTION PRESSURE (PSIG)	125	132	139	143	146	149	153	156
		SUCTION TEMPERATURE (°F)	71	70	68	69	69	71	73	75
		SUCTION SUPERHEAT (°F)	28	24	20	19	18	19	19	20
		OUTDOOR UNIT CURRENT (A)	7.9	8.7	9.5	10.6	11.8	13.6	15.4	17.2
		COMPRESSOR CURRENT (A)	5.9	6.8	7.6	8.8	10	11.7	13.5	15.3
		INDOOR COIL TEMP DROP (°F)	16	18	20	19	19	18	17	16
	1200	LIQUID PRESSURE (PSIG)	206	242	278	325	371	433	496	558
		LIQUID TEMPERATURE (°F)	58	68	79	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	14	13	13	13	13	13	14	15
		SUCTION PRESSURE (PSIG)	126	134	142	145	149	152	155	158
		SUCTION TEMPERATURE (°F)	72	71	70	70	71	73	74	76
		SUCTION SUPERHEAT (°F)	29	25	20	19	19	19	20	20
		OUTDOOR UNIT CURRENT (A)	7.9	8.7	9.6	10.7	11.8	13.6	15.4	17.2
		COMPRESSOR CURRENT (A)	6	6.8	7.7	8.8	9.9	11.7	13.5	15.3
		INDOOR COIL TEMP DROP (°F)	16	17	18	17	17	16	16	15
	1450	LIQUID PRESSURE (PSIG)	206	243	280	326	371	434	496	559
		LIQUID TEMPERATURE (°F)	57	68	79	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	14	13	13	13	13	13	14	15
		SUCTION PRESSURE (PSIG)	126	135	144	148	152	155	157	160
		SUCTION TEMPERATURE (°F)	73	72	71	72	73	74	76	77
		SUCTION SUPERHEAT (°F)	30	25	21	20	19	20	20	20
		OUTDOOR UNIT CURRENT (A)	7.9	8.8	9.6	10.7	11.8	13.6	15.4	17.2
		COMPRESSOR CURRENT (A)	6	6.9	7.7	8.8	9.9	11.8	13.6	15.4
		INDOOR COIL TEMP DROP (°F)	16	16	17	16	15	15	14	14

YHE36B22S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	950	LIQUID PRESSURE (PSIG)	344	322	314	298	275	259
		LIQUID TEMPERATURE (°F)	81	74	71	65	60	58
		LIQUID SUBCOOLING (°F)	24	26	27	29	29	28
		SUCTION PRESSURE (PSIG)	120	100	92	75	59	48
		SUCTION TEMPERATURE (°F)	56	44	39	30	17	8
		SUCTION SUPERHEAT (°F)	14	12	11	12	9	8
		OUTDOOR UNIT CURRENT (A)	11.3	10	10	10	9	10
		COMPRESSOR CURRENT (A)	9.5	8	8	8	7	7
		INDOOR COIL TEMP RISE (°F)	36	31	35	24	20	17
	1200	LIQUID PRESSURE (PSIG)	322	302	295	282	260	249
		LIQUID TEMPERATURE (°F)	77	71	68	64	61	57
		LIQUID SUBCOOLING (°F)	23	24	25	26	24	25
		SUCTION PRESSURE (PSIG)	119	100	91	75	58	48
		SUCTION TEMPERATURE (°F)	55	44	38	29	14	8
		SUCTION SUPERHEAT (°F)	14	12	11	11	7	7
		OUTDOOR UNIT CURRENT (A)	10.8	9.9	9.9	9.7	9.1	9.7
		COMPRESSOR CURRENT (A)	9	7.9	7.9	7.8	7.1	7
		INDOOR COIL TEMP RISE (°F)	31	26	28	21	17	14
	1450	LIQUID PRESSURE (PSIG)	301	283	277	267	245	240
		LIQUID TEMPERATURE (°F)	73	69	66	63	62	57
		LIQUID SUBCOOLING (°F)	22	22	23	24	20	23
		SUCTION PRESSURE (PSIG)	119	100	91	76	58	49
		SUCTION TEMPERATURE (°F)	55	44	38	29	11	8
		SUCTION SUPERHEAT (°F)	15	12	11	10	5	7
		OUTDOOR UNIT CURRENT (A)	10.3	9.7	9.7	9.5	9.1	9.5
		COMPRESSOR CURRENT (A)	8.4	7.9	7.9	7.6	7.2	7
		INDOOR COIL TEMP RISE (°F)	26	23	21	18	15	12
70	950	LIQUID PRESSURE (PSIG)	391	368	359	343	318	300
		LIQUID TEMPERATURE (°F)	89	82	79	73	68	67
		LIQUID SUBCOOLING (°F)	24	26	27	30	30	28
		SUCTION PRESSURE (PSIG)	121	101	93	76	60	50
		SUCTION TEMPERATURE (°F)	56	44	39	30	17	9
		SUCTION SUPERHEAT (°F)	14	12	11	11	8	7
		OUTDOOR UNIT CURRENT (A)	12.7	11.8	11.6	11.4	10.6	10.9
		COMPRESSOR CURRENT (A)	10.8	9.8	9.7	9.4	8.6	8.4
		INDOOR COIL TEMP RISE (°F)	35	30	31	24	19	16
	1200	LIQUID PRESSURE (PSIG)	367	347	339	326	304	290
		LIQUID TEMPERATURE (°F)	86	80	77	72	68	66
		LIQUID SUBCOOLING (°F)	23	24	25	27	26	25
		SUCTION PRESSURE (PSIG)	120	100	92	76	59	50
		SUCTION TEMPERATURE (°F)	55	44	38	30	15	9
		SUCTION SUPERHEAT (°F)	14	12	11	11	7	7
		OUTDOOR UNIT CURRENT (A)	12	11.4	11.3	11	10.4	10.6
		COMPRESSOR CURRENT (A)	10.2	9.4	9.4	9.1	8.5	8.2
		INDOOR COIL TEMP RISE (°F)	30	26	26	20	16	14
	1450	LIQUID PRESSURE (PSIG)	344	328	320	310	289	281
		LIQUID TEMPERATURE (°F)	82	78	75	71	69	66
		LIQUID SUBCOOLING (°F)	21	23	23	25	23	24
		SUCTION PRESSURE (PSIG)	120	100	92	76	59	50
		SUCTION TEMPERATURE (°F)	55	44	38	30	14	9
		SUCTION SUPERHEAT (°F)	14	12	11	10	7	7
		OUTDOOR UNIT CURRENT (A)	11.4	11	10.9	10.6	10.3	10.3
		COMPRESSOR CURRENT (A)	9.6	9.1	9	8.8	8.3	8.1
		INDOOR COIL TEMP RISE (°F)	25	22	20	17	14	12

Continued on next page.

YHE36B22S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	950	LIQUID PRESSURE (PSIG)	439	414	404	388	362	342
		LIQUID TEMPERATURE (°F)	98	91	88	82	77	76
		LIQUID SUBCOOLING (°F)	25	27	28	31	31	28
		SUCTION PRESSURE (PSIG)	123	102	94	78	61	53
		SUCTION TEMPERATURE (°F)	56	45	39	31	17	10
		SUCTION SUPERHEAT (°F)	14	12	11	11	8	6
		OUTDOOR UNIT CURRENT (A)	14	13.5	13.3	12.8	12.2	11.8
		COMPRESSOR CURRENT (A)	12.1	11.6	11.4	10.9	10.3	9.8
		INDOOR COIL TEMP RISE (°F)	35	30	28	24	19	17
	1200	LIQUID PRESSURE (PSIG)	413	393	384	370	348	332
		LIQUID TEMPERATURE (°F)	95	89	86	81	76	75
		LIQUID SUBCOOLING (°F)	23	25	26	28	28	26
		SUCTION PRESSURE (PSIG)	122	101	93	77	60	52
		SUCTION TEMPERATURE (°F)	56	44	39	31	17	10
		SUCTION SUPERHEAT (°F)	14	12	11	11	8	7
		OUTDOOR UNIT CURRENT (A)	13.2	12.9	12.7	12.3	11.8	11.5
		COMPRESSOR CURRENT (A)	11.4	11	10.8	10.4	9.9	9.5
		INDOOR COIL TEMP RISE (°F)	29	26	24	20	16	14
	1450	LIQUID PRESSURE (PSIG)	387	373	364	353	334	322
		LIQUID TEMPERATURE (°F)	92	87	85	80	76	75
		LIQUID SUBCOOLING (°F)	21	24	24	26	26	25
		SUCTION PRESSURE (PSIG)	122	101	93	77	60	52
		SUCTION TEMPERATURE (°F)	56	44	39	31	18	11
		SUCTION SUPERHEAT (°F)	14	12	11	11	9	8
		OUTDOOR UNIT CURRENT (A)	12.5	12.2	12.1	11.8	11.4	11.2
		COMPRESSOR CURRENT (A)	10.7	10.3	10.2	9.9	9.5	9.2
		INDOOR COIL TEMP RISE (°F)	25	22	20	17	14	12

FOR USE WITH MODELS WITH TXV:

YHE42B21H
TH4B4221H
RHP14L42B21S
QH4B42B21S

YHE42B21H SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	195(10)	198(11)	199(12)	199(12)
60	212(10)	215(11)	217(12)	218(12)
65	229(11)	233(11)	235(12)	237(13)
70	246(10)	251(11)	253(11)	255(12)
75	264(10)	269(11)	272(11)	274(12)
80	285(10)	290(11)	293(11)	296(12)
85	307(10)	312(11)	315(11)	318(12)
90	328(10)	333(10)	336(11)	339(11)
95	350(10)	354(10)	358(11)	361(11)
100	377(10)	380(10)	384(11)	387(11)
105	404(11)	407(11)	411(11)	414(11)
110	431(10)	433(10)	437(11)	440(11)
115	458(10)	459(10)	463(11)	467(11)
120	485(9)	485(9)	489(10)	493(10)
125	512(9)	512(9)	516(10)	520(10)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHE42B21H W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1100	LIQUID PRESSURE (PSIG)	197	233	268	311	353	406	458	511
		LIQUID TEMPERATURE (°F)	58	68	78	88	97	107	117	127
		LIQUID SUBCOOLING (°F)	10	11	10	10	9	10	9	8
		SUCTION PRESSURE (PSIG)	99	105	112	116	120	125	131	136
		SUCTION TEMPERATURE (°F)	62	61	59	62	65	69	74	78
		SUCTION SUPERHEAT (°F)	31	26	22	23	24	26	28	30
		OUTDOOR UNIT CURRENT (A)	9.8	10.9	12	13	14	15	16	17
		COMPRESSOR CURRENT (A)	8.6	9.7	10.8	11.8	12.9	13.9	14.8	15.8
		INDOOR COIL TEMP DROP (°F)	25	25	24	23	22	21	20	19
	1200	LIQUID PRESSURE (PSIG)	197	233	268	310	353	405	458	510
		LIQUID TEMPERATURE (°F)	57	67	77	87	96	106	116	125
		LIQUID SUBCOOLING (°F)	11	11	11	11	10	11	10	9
		SUCTION PRESSURE (PSIG)	106	114	122	126	130	136	141	147
		SUCTION TEMPERATURE (°F)	57	55	53	56	59	62	66	69
		SUCTION SUPERHEAT (°F)	22	17	11	12	13	15	16	17
		OUTDOOR UNIT CURRENT (A)	9.9	11	12.1	13.1	14.1	15.1	16.1	17.1
		COMPRESSOR CURRENT (A)	8.7	9.8	10.9	11.9	13.0	14.0	15.0	16.0
		INDOOR COIL TEMP DROP (°F)	22	22	22	21	21	20	19	18
	1300	LIQUID PRESSURE (PSIG)	198	234	269	312	355	407	460	513
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	11	11	10	10	9	10	9	8
		SUCTION PRESSURE (PSIG)	100	108	116	119	123	128	134	139
		SUCTION TEMPERATURE (°F)	66	64	61	64	67	70	74	78
		SUCTION SUPERHEAT (°F)	35	28	22	23	24	26	28	29
		OUTDOOR UNIT CURRENT (A)	9.9	11	12.1	13.1	14.1	15.2	16.2	17.2
		COMPRESSOR CURRENT (A)	8.7	9.8	10.9	11.9	13.0	14.0	15.0	16.1
		INDOOR COIL TEMP DROP (°F)	21	22	22	22	21	20	19	18

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YHE42B21H W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	1100	LIQUID PRESSURE (PSIG)	198	234	269	312	355	407	460	512
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	10	11	10	10	9	10	9	8
		SUCTION PRESSURE (PSIG)	99	106	113	117	120	126	131	137
		SUCTION TEMPERATURE (°F)	65	62	60	63	67	71	74	78
		SUCTION SUPERHEAT (°F)	33	28	22	24	26	27	29	30
		OUTDOOR UNIT CURRENT (A)	9.8	10.9	12	13	14	15	16	17
		COMPRESSOR CURRENT (A)	8.6	9.7	10.8	11.8	12.9	13.9	14.9	15.9
		INDOOR COIL TEMP DROP (°F)	28	28	28	27	26	25	24	23
	1200	LIQUID PRESSURE (PSIG)	198	233	269	312	354	407	459	512
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	106	116	126
		LIQUID SUBCOOLING (°F)	11	11	11	11	10	11	10	9
		SUCTION PRESSURE (PSIG)	107	115	123	127	130	137	143	149
		SUCTION TEMPERATURE (°F)	59	57	54	57	60	63	67	70
		SUCTION SUPERHEAT (°F)	24	18	12	13	14	15	16	17
		OUTDOOR UNIT CURRENT (A)	9.8	10.9	12.1	13.1	14.1	15.2	16.2	17.2
		COMPRESSOR CURRENT (A)	8.6	9.7	10.9	11.9	13	14	15.1	16.1
		INDOOR COIL TEMP DROP (°F)	25	26	26	25	24	23	22	21
	1300	LIQUID PRESSURE (PSIG)	199	235	270	313	356	409	462	514
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	11	11	10	10	9	10	9	8
		SUCTION PRESSURE (PSIG)	101	109	116	120	123	129	135	141
		SUCTION TEMPERATURE (°F)	69	65	61	65	68	72	75	79
		SUCTION SUPERHEAT (°F)	37	29	22	24	25	27	28	30
		OUTDOOR UNIT CURRENT (A)	9.7	10.9	12.1	13.1	14.2	15.2	16.3	17.4
		COMPRESSOR CURRENT (A)	8.5	9.7	10.9	12	13	14.1	15.2	16.2
		INDOOR COIL TEMP DROP (°F)	25	25	26	25	24	23	22	21
80/67	1100	LIQUID PRESSURE (PSIG)	199	236	272	316	359	412	465	517
		LIQUID TEMPERATURE (°F)	58	68	79	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	11	11	10	10	10	10	10	8
		SUCTION PRESSURE (PSIG)	101	111	121	125	130	136	142	147
		SUCTION TEMPERATURE (°F)	70	69	67	68	69	73	76	80
		SUCTION SUPERHEAT (°F)	38	32	26	25	24	25	26	28
		OUTDOOR UNIT CURRENT (A)	9.8	11	12.2	13.3	14.4	15.5	16.6	17.8
		COMPRESSOR CURRENT (A)	8.6	9.8	11	12.2	13.3	14.4	15.5	16.6
		INDOOR COIL TEMP DROP (°F)	23	23	24	23	22	21	20	19
	1200	LIQUID PRESSURE (PSIG)	199	235	272	315	358	411	463	516
		LIQUID TEMPERATURE (°F)	57	67	78	87	97	107	116	126
		LIQUID SUBCOOLING (°F)	12	12	11	11	11	11	11	10
		SUCTION PRESSURE (PSIG)	109	120	130	136	141	147	153	159
		SUCTION TEMPERATURE (°F)	63	62	61	61	62	65	68	71
		SUCTION SUPERHEAT (°F)	27	21	16	14	12	13	14	15
		OUTDOOR UNIT CURRENT (A)	9.9	11.1	12.2	13.4	14.5	15.7	16.8	17.9
		COMPRESSOR CURRENT (A)	8.7	9.9	11.1	12.2	13.4	14.5	15.6	16.8
		INDOOR COIL TEMP DROP (°F)	20	21	22	21	20	20	19	18
	1300	LIQUID PRESSURE (PSIG)	200	237	273	317	360	413	465	518
		LIQUID TEMPERATURE (°F)	58	68	78	89	99	108	118	128
		LIQUID SUBCOOLING (°F)	11	11	10	10	10	10	9	8
		SUCTION PRESSURE (PSIG)	102	112	123	128	134	139	144	150
		SUCTION TEMPERATURE (°F)	72	71	70	70	70	73	77	80
		SUCTION SUPERHEAT (°F)	39	34	28	26	23	24	26	27
		OUTDOOR UNIT CURRENT (A)	9.8	11	12.2	13.4	14.6	15.7	16.8	17.9
		COMPRESSOR CURRENT (A)	8.6	9.8	11	12.2	13.4	14.6	15.7	16.8
		INDOOR COIL TEMP DROP (°F)	20	21	21	21	20	20	19	18

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YHE42B21H W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1100	LIQUID PRESSURE (PSIG)	199	237	274	318	362	415	468	521
		LIQUID TEMPERATURE (°F)	57	68	78	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	12	12	11	11	9	10	9	8
		SUCTION PRESSURE (PSIG)	102	113	124	132	141	146	152	158
		SUCTION TEMPERATURE (°F)	73	74	75	74	72	76	79	83
		SUCTION SUPERHEAT (°F)	40	36	32	27	23	24	25	27
		OUTDOOR UNIT CURRENT (A)	9.8	10.9	12.1	13.4	14.7	15.9	17.2	18.4
		COMPRESSOR CURRENT (A)	8.6	9.7	10.9	12.2	13.6	14.8	16	17.3
		INDOOR COIL TEMP DROP (°F)	18	18	19	18	18	17	16	15
	1200	LIQUID PRESSURE (PSIG)	199	237	274	318	361	414	467	520
		LIQUID TEMPERATURE (°F)	56	67	77	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	12	13	12	12	11	11	11	10
		SUCTION PRESSURE (PSIG)	109	121	133	143	152	158	164	170
		SUCTION TEMPERATURE (°F)	65	66	67	66	66	68	71	74
		SUCTION SUPERHEAT (°F)	29	25	20	16	12	12	13	13
		OUTDOOR UNIT CURRENT (A)	9.8	11	12.1	13.5	14.8	16	17.3	18.5
		COMPRESSOR CURRENT (A)	8.6	9.8	11	12.3	13.6	14.9	16.2	17.4
		INDOOR COIL TEMP DROP (°F)	16	16	17	17	17	16	15	14
	1300	LIQUID PRESSURE (PSIG)	200	238	275	319	364	417	470	523
		LIQUID TEMPERATURE (°F)	57	68	78	89	99	109	119	128
		LIQUID SUBCOOLING (°F)	12	12	11	11	10	10	9	8
		SUCTION PRESSURE (PSIG)	102	114	125	135	144	150	155	161
		SUCTION TEMPERATURE (°F)	74	75	76	76	76	78	81	84
		SUCTION SUPERHEAT (°F)	41	37	33	29	25	25	26	27
		OUTDOOR UNIT CURRENT (A)	9.8	11	12.1	13.4	14.7	16	17.3	18.6
		COMPRESSOR CURRENT (A)	8.6	9.8	10.9	12.3	13.6	14.9	16.2	17.5
		INDOOR COIL TEMP DROP (°F)	15	16	17	16	16	15	14	14

YHE42B21H W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1100	LIQUID PRESSURE (PSIG)	385	357	336	299	247	266
		LIQUID TEMPERATURE (°F)	77	69	67	57	52	50
		LIQUID SUBCOOLING (°F)	37	39	37	39	32	38
		SUCTION PRESSURE (PSIG)	127	102	90	77	64	58
		SUCTION TEMPERATURE (°F)	57	44	36	15	13	10
		SUCTION SUPERHEAT (°F)	13	12	10	12	5	3
		OUTDOOR UNIT CURRENT (A)	16.0	15.0	15.0	10.2	9.5	9.5
		COMPRESSOR CURRENT (A)	15.0	14.0	13.0	9.6	8.1	8.1
		INDOOR COIL TEMP RISE (°F)	38	32	29	25	18	19
	1200	LIQUID PRESSURE (PSIG)	367	341	325	287	254	257
		LIQUID TEMPERATURE (°F)	74	67	65	56	51	50
		LIQUID SUBCOOLING (°F)	36	38	37	38	34	37
		SUCTION PRESSURE (PSIG)	126	102	91	77	55	51
		SUCTION TEMPERATURE (°F)	57	44	37	15	5	3
		SUCTION SUPERHEAT (°F)	14	12	10	13	7	8
		OUTDOOR UNIT CURRENT (A)	16.0	15.0	14.0	10.2	9.5	9.5
		COMPRESSOR CURRENT (A)	14.0	13.0	13.0	8.9	8.1	8.1
		INDOOR COIL TEMP RISE (°F)	34	29	26	23	17	16
	1400	LIQUID PRESSURE (PSIG)	349	325	313	275	261	247
		LIQUID TEMPERATURE (°F)	72	66	64	55	50	49
		LIQUID SUBCOOLING (°F)	35	36	35	36	37	36
		SUCTION PRESSURE (PSIG)	126	103	92	77	60	49
		SUCTION TEMPERATURE (°F)	58	44	38	16	9	4
		SUCTION SUPERHEAT (°F)	15	11	11	15	12	12
		OUTDOOR UNIT CURRENT (A)	15.0	14.0	14.0	9.5	9.5	8.8
		COMPRESSOR CURRENT (A)	13.0	13.0	12.0	8.9	8.1	8.1
		INDOOR COIL TEMP RISE (°F)	30	25	23	20	16	14
70	1100	LIQUID PRESSURE (PSIG)	441	411	394	345	311	303
		LIQUID TEMPERATURE (°F)	85	77	75	64	59	58
		LIQUID SUBCOOLING (°F)	39	42	41	42	39	39
		SUCTION PRESSURE (PSIG)	129	104	92	78	56	53
		SUCTION TEMPERATURE (°F)	57	44	37	15	5	2
		SUCTION SUPERHEAT (°F)	12	11	10	13	7	2
		OUTDOOR UNIT CURRENT (A)	18.0	17.0	17.0	11.7	11.0	10.2
		COMPRESSOR CURRENT (A)	17.0	16.0	15.0	10.3	9.6	9.6
		INDOOR COIL TEMP RISE (°F)	37	32	29	25	19	18
	1200	LIQUID PRESSURE (PSIG)	419	393	380	332	309	292
		LIQUID TEMPERATURE (°F)	82	76	73	63	59	58
		LIQUID SUBCOOLING (°F)	38	40	40	40	40	37
		SUCTION PRESSURE (PSIG)	128	104	93	78	58	51
		SUCTION TEMPERATURE (°F)	57	44	38	15	7	2
		SUCTION SUPERHEAT (°F)	13	11	10	13	10	5
		OUTDOOR UNIT CURRENT (A)	18.0	17.0	16.0	11.0	11.0	10.2
		COMPRESSOR CURRENT (A)	16.0	15.0	15.0	10.3	9.6	8.9
		INDOOR COIL TEMP RISE (°F)	33	28	26	22	18	16
	1400	LIQUID PRESSURE (PSIG)	398	375	366	318	307	282
		LIQUID TEMPERATURE (°F)	80	74	72	62	59	57
		LIQUID SUBCOOLING (°F)	36	38	38	38	39	35
		SUCTION PRESSURE (PSIG)	128	104	93	77	61	50
		SUCTION TEMPERATURE (°F)	58	44	38	15	9	2
		SUCTION SUPERHEAT (°F)	14	11	10	13	13	7
		OUTDOOR UNIT CURRENT (A)	17.0	14.0	16.0	11.0	11.0	10.2
		COMPRESSOR CURRENT (A)	15.0	16.0	14.0	9.6	9.6	8.9
		INDOOR COIL TEMP RISE (°F)	29	25	23	20	16	14

Continued on next page.

YHE42B21H W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1100	LIQUID PRESSURE (PSIG)	496	465	453	391	375	339
		LIQUID TEMPERATURE (°F)	93	86	83	71	66	65
		LIQUID SUBCOOLING (°F)	40	42	43	43	46	39
		SUCTION PRESSURE (PSIG)	130	106	94	79	61	53
		SUCTION TEMPERATURE (°F)	57	44	38	16	10	8
		SUCTION SUPERHEAT (°F)	12	10	10	13	15	5
		OUTDOOR UNIT CURRENT (A)	21.0	19.0	19.0	13.2	12.4	11.7
		COMPRESSOR CURRENT (A)	19.0	18.0	17.0	11.8	11.8	10.3
		INDOOR COIL TEMP RISE (°F)	36	31	29	25	20	18
	1200	LIQUID PRESSURE (PSIG)	472	446	435	376	365	328
		LIQUID TEMPERATURE (°F)	91	84	82	70	66	65
		LIQUID SUBCOOLING (°F)	38	41	41	41	44	37
		SUCTION PRESSURE (PSIG)	130	105	94	78	62	52
		SUCTION TEMPERATURE (°F)	57	44	38	15	10	8
		SUCTION SUPERHEAT (°F)	12	10	10	13	13	5
		OUTDOOR UNIT CURRENT (A)	20.0	19.0	18.0	12.4	12.4	11.0
		COMPRESSOR CURRENT (A)	18.0	17.0	17.0	11.1	11.1	10.3
		INDOOR COIL TEMP RISE (°F)	33	28	25	22	18	16
	1400	LIQUID PRESSURE (PSIG)	448	426	418	361	355	317
		LIQUID TEMPERATURE (°F)	89	83	80	69	66	65
		LIQUID SUBCOOLING (°F)	36	39	40	39	42	35
		SUCTION PRESSURE (PSIG)	130	105	94	77	62	51
		SUCTION TEMPERATURE (°F)	58	44	38	15	9	7
		SUCTION SUPERHEAT (°F)	13	10	10	13	12	5
		OUTDOOR UNIT CURRENT (A)	19.0	18.0	18.0	12.4	11.7	11.0
		COMPRESSOR CURRENT (A)	17.0	16.0	16.0	11.1	11.1	9.6
		INDOOR COIL TEMP RISE (°F)	29	24	22	19	16	13

FOR USE WITH MODELS WITH TXV:

YHE42B22S
TH4B42B22S
RHP14L42B22S
QH4B42B22S

YHE42B22S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	206 (13)	207 (13)	209 (13)	210 (14)
60	226 (14)	226 (13)	228 (14)	230 (14)
65	246 (14)	245 (14)	248 (14)	250 (14)
70	266 (14)	264 (14)	267 (14)	269 (14)
75	285 (14)	283 (14)	286 (14)	289 (14)
80	311 (15)	309 (14)	312 (14)	314 (14)
85	336 (15)	334 (15)	337 (15)	339 (15)
90	362 (15)	360 (15)	362 (15)	364 (15)
95	387 (15)	385 (16)	387 (16)	389 (16)
100	420 (16)	418 (16)	420 (16)	422 (16)
105	454 (17)	451 (17)	453 (17)	455 (17)
110	487 (17)	484 (17)	486 (17)	488 (17)
115	520 (18)	517 (17)	519 (18)	521 (18)
120	553 (19)	549 (18)	552 (18)	554 (18)
125	586 (19)	582 (18)	585 (19)	587 (19)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHE42B22S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1150	LIQUID PRESSURE (PSIG)	206	245	284	335	385	451	517	583
		LIQUID TEMPERATURE (°F)	58	68	77	87	97	107	117	126
		LIQUID SUBCOOLING (°F)	13	13	14	15	15	16	17	18
		SUCTION PRESSURE (PSIG)	118	119	120	123	126	128	131	134
		SUCTION TEMPERATURE (°F)	56	56	56	57	59	60	62	64
		SUCTION SUPERHEAT (°F)	18	17	16	16	16	17	17	18
		OUTDOOR UNIT CURRENT (A)	8.0	9	10	12	13	16	18	20
		COMPRESSOR CURRENT (A)	6.0	7	9	10	11	14	16	18
		INDOOR COIL TEMP DROP (°F)	23	22	22	21	20	19	18	17
	1400	LIQUID PRESSURE (PSIG)	207	246	285	335	385	451	517	583
		LIQUID TEMPERATURE (°F)	58	68	78	88	97	107	117	126
		LIQUID SUBCOOLING (°F)	13	13	14	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	121	123	125	127	130	133	135	138
		SUCTION TEMPERATURE (°F)	59	59	58	59	61	62	64	65
		SUCTION SUPERHEAT (°F)	20	18	16	16	16	16	17	17
		OUTDOOR UNIT CURRENT (A)	8.0	9	10	12	13	16	18	20
		COMPRESSOR CURRENT (A)	6.0	7	9	10.0	11.0	14.0	16.0	18.0
		INDOOR COIL TEMP DROP (°F)	21	20	20	19	19	18	17	16
	1650	LIQUID PRESSURE (PSIG)	207	246	285	335	385	451	518	584
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	125	128	130	132	134	137	139	142
		SUCTION TEMPERATURE (°F)	62	61	60	61	62	64	65	67
		SUCTION SUPERHEAT (°F)	22	19	15	15	15	16	16	17
		OUTDOOR UNIT CURRENT (A)	8.0	9	10	12	13	15	18	20
		COMPRESSOR CURRENT (A)	6.0	7	9	10.0	11.0	14.0	16.0	18.0
		INDOOR COIL TEMP DROP (°F)	19	18	18	18	17	16	15	14

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YHE42B22S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	1150	LIQUID PRESSURE (PSIG)	206	244	283	334	384	450	515	581
		LIQUID TEMPERATURE (°F)	58	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	13	13	14	15	15	16	17	18
		SUCTION PRESSURE (PSIG)	118	119	120	123	126	129	132	135
		SUCTION TEMPERATURE (°F)	57	56	55	56	57	59	62	64
		SUCTION SUPERHEAT (°F)	19	17	14	14	13	14	16	17
		OUTDOOR UNIT CURRENT (A)	8.0	9	10	12	13	15	18	20
		COMPRESSOR CURRENT (A)	6.0	7	8	10	11	14	16	18
		INDOOR COIL TEMP DROP (°F)	27	26	25	25	24	23	22	21
	1400	LIQUID PRESSURE (PSIG)	206	244	283	334	385	450	516	582
		LIQUID TEMPERATURE (°F)	58	68	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	13	13	14	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	122	124	125	128	130	134	138	141
		SUCTION TEMPERATURE (°F)	60	59	58	60	61	63	64	66
		SUCTION SUPERHEAT (°F)	21	18	16	16	15	16	16	17
		OUTDOOR UNIT CURRENT (A)	8.0	9	10	12	13	15	18	20
		COMPRESSOR CURRENT (A)	6.0	7	8	10	11	14	16	18
		INDOOR COIL TEMP DROP (°F)	25	24	23	23	23	21	20	19
	1650	LIQUID PRESSURE (PSIG)	207	244	282	334	385	451	517	582
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	126	128	130	132	134	139	143	147
		SUCTION TEMPERATURE (°F)	63	62	62	63	64	66	67	69
		SUCTION SUPERHEAT (°F)	23	20	17	18	18	18	17	17
		OUTDOOR UNIT CURRENT (A)	8.0	9	10	12	13	15	18	20
		COMPRESSOR CURRENT (A)	6.0	7	8	10	11	14	16	18
		INDOOR COIL TEMP DROP (°F)	22	22	22	21	21	19	18	16
80/67	1150	LIQUID PRESSURE (PSIG)	208	247	285	336	386	453	519	585
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	128	131	133	136	138	141	144	146
		SUCTION TEMPERATURE (°F)	64	63	62	64	65	66	68	69
		SUCTION SUPERHEAT (°F)	23	19	16	16	17	17	17	17
		OUTDOOR UNIT CURRENT (A)	8.0	9	10	12	13	16	18	20
		COMPRESSOR CURRENT (A)	6.0	8	9	10	11	14	16	18
		INDOOR COIL TEMP DROP (°F)	22	22	22	21	21	20	19	18
	1400	LIQUID PRESSURE (PSIG)	208	247	286	336	387	453	519	585
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	132	135	137	140	142	145	147	150
		SUCTION TEMPERATURE (°F)	67	66	65	66	67	68	69	70
		SUCTION SUPERHEAT (°F)	24	20	17	17	17	17	17	17
		OUTDOOR UNIT CURRENT (A)	8.0	9	10	12	13	15	18	20
		COMPRESSOR CURRENT (A)	6.0	8	9	10	11	14	16	18
		INDOOR COIL TEMP DROP (°F)	20	20	20	19	19	18	17	16
	1650	LIQUID PRESSURE (PSIG)	209	247	286	337	387	453	518	584
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	135	138	141	144	146	148	151	154
		SUCTION TEMPERATURE (°F)	70	68	67	68	68	69	70	71
		SUCTION SUPERHEAT (°F)	26	22	17	17	17	17	16	16
		OUTDOOR UNIT CURRENT (A)	8.0	9	10	12	13	15	18	20
		COMPRESSOR CURRENT (A)	6.0	8	9	10	11	14	16	18
		INDOOR COIL TEMP DROP (°F)	18	18	18	18	17	17	16	15

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YHE42B22S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1150	LIQUID PRESSURE (PSIG)	209	249	288	338	388	454	520	586
		LIQUID TEMPERATURE (°F)	58	69	79	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	138	142	145	148	150	153	157	160
		SUCTION TEMPERATURE (°F)	70	70	69	70	70	72	73	74
		SUCTION SUPERHEAT (°F)	26	22	18	18	17	17	17	17
		OUTDOOR UNIT CURRENT (A)	8.0	9	10	12	13	15	18	20
		COMPRESSOR CURRENT (A)	6.0	8	9	10	11	14	16	18
		INDOOR COIL TEMP DROP (°F)	18	18	17	17	16	15	15	14
	1400	LIQUID PRESSURE (PSIG)	210	249	288	339	389	455	521	587
		LIQUID TEMPERATURE (°F)	59	69	79	89	98	108	118	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	141	145	149	151	154	157	160	163
		SUCTION TEMPERATURE (°F)	73	72	71	72	72	73	75	76
		SUCTION SUPERHEAT (°F)	29	24	20	18	17	17	18	18
		OUTDOOR UNIT CURRENT (A)	8.0	9	10	12	13	15	18	20
		COMPRESSOR CURRENT (A)	6.0	8	9	10	11	14	16	18
		INDOOR COIL TEMP DROP (°F)	16	16	16	15	15	14	13	13
	1650	LIQUID PRESSURE (PSIG)	210	250	289	339	389	455	521	588
		LIQUID TEMPERATURE (°F)	59	69	79	89	98	108	118	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	144	148	152	155	157	160	163	166
		SUCTION TEMPERATURE (°F)	77	75	74	74	74	75	77	78
		SUCTION SUPERHEAT (°F)	31	26	21	19	18	18	19	19
		OUTDOOR UNIT CURRENT (A)	8.0	9	10	12	13	15	18	20
		COMPRESSOR CURRENT (A)	6.0	8	9	10	11	14	16	18
		INDOOR COIL TEMP DROP (°F)	14	14	14	13	13	13	12	12

YHE42B22S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1150	LIQUID PRESSURE (PSIG)	401	362	331	305	260	241
		LIQUID TEMPERATURE (°F)	68	66	65	64	64	65
		LIQUID SUBCOOLING (°F)	49	43	38	33	22	17
		SUCTION PRESSURE (PSIG)	112	98	86	76	58	51
		SUCTION TEMPERATURE (°F)	64	50	42	17	7	1
		SUCTION SUPERHEAT (°F)	26	19	17	1	1	1
		OUTDOOR UNIT CURRENT (A)	15.0	13.0	12.0	11.0	10.0	10.0
		COMPRESSOR CURRENT (A)	13.0	11.0	10.0	10.0	8.0	7.0
		INDOOR COIL TEMP RISE (°F)	38	33	30	27	21	17
	1400	LIQUID PRESSURE (PSIG)	375	342	315	292	252	233
		LIQUID TEMPERATURE (°F)	65	63	62	61	61	62
		LIQUID SUBCOOLING (°F)	47	41	37	32	22	17
		SUCTION PRESSURE (PSIG)	107	94	84	74	58	50
		SUCTION TEMPERATURE (°F)	64	51	42	18	7	1
		SUCTION SUPERHEAT (°F)	28	21	19	1	1	1
		OUTDOOR UNIT CURRENT (A)	13.0	12.0	11.0	11.0	10.0	9.0
		COMPRESSOR CURRENT (A)	12.0	10.0	9.0	9.0	7.0	7.0
		INDOOR COIL TEMP RISE (°F)	31	28	25	22	17	14
	1650	LIQUID PRESSURE (PSIG)	350	322	300	280	244	226
		LIQUID TEMPERATURE (°F)	63	61	60	59	59	60
		LIQUID SUBCOOLING (°F)	45	40	36	32	22	17
		SUCTION PRESSURE (PSIG)	102	90	82	72	58	50
		SUCTION TEMPERATURE (°F)	64	52	43	20	7	1
		SUCTION SUPERHEAT (°F)	31	24	21	4	1	1
		OUTDOOR UNIT CURRENT (A)	13.0	12.0	12.0	11.0	10.0	10.0
		COMPRESSOR CURRENT (A)	11.0	10.0	10.0	9.0	8.0	8.0
		INDOOR COIL TEMP RISE (°F)	25	22	21	18	15	13
70	1150	LIQUID PRESSURE (PSIG)	453	407	376	336	295	277
		LIQUID TEMPERATURE (°F)	78	76	75	74	75	77
		LIQUID SUBCOOLING (°F)	48	41	37	30	19	14
		SUCTION PRESSURE (PSIG)	116	101	88	74	59	51
		SUCTION TEMPERATURE (°F)	64	50	35	16	7	1
		SUCTION SUPERHEAT (°F)	24	17	10	1	1	1
		OUTDOOR UNIT CURRENT (A)	16.0	14.0	13.0	12.0	11.0	11.0
		COMPRESSOR CURRENT (A)	14.0	12.0	11.0	10.0	9.0	8.0
		INDOOR COIL TEMP RISE (°F)	38	32	29	25	20	16
	1400	LIQUID PRESSURE (PSIG)	426	387	358	325	286	268
		LIQUID TEMPERATURE (°F)	75	72	72	71	72	73
		LIQUID SUBCOOLING (°F)	46	38	36	29	19	15
		SUCTION PRESSURE (PSIG)	112	97	86	73	58	51
		SUCTION TEMPERATURE (°F)	64	50	37	16	7	1
		SUCTION SUPERHEAT (°F)	26	19	13	1	1	1
		OUTDOOR UNIT CURRENT (A)	15.0	13.0	12.0	12.0	11.0	10.0
		COMPRESSOR CURRENT (A)	13.0	11.0	10.0	10.0	8.0	8.0
		INDOOR COIL TEMP RISE (°F)	31	28	25	21	16	14
	1650	LIQUID PRESSURE (PSIG)	399	367	342	315	277	260
		LIQUID TEMPERATURE (°F)	72	70	70	69	69	71
		LIQUID SUBCOOLING (°F)	44	39	35	30	20	15
		SUCTION PRESSURE (PSIG)	107	95	84	73	58	51
		SUCTION TEMPERATURE (°F)	64	51	39	18	7	1
		SUCTION SUPERHEAT (°F)	28	22	16	1	1	1
		OUTDOOR UNIT CURRENT (A)	14.0	13.0	12.0	12.0	11.0	10.0
		COMPRESSOR CURRENT (A)	12.0	11.0	11.0	10.0	8.0	8.0
		INDOOR COIL TEMP RISE (°F)	25	22	20	17	14	12

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YHE42B22S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1150	LIQUID PRESSURE (PSIG)	504	453	421	368	330	313
		LIQUID TEMPERATURE (°F)	88	86	85	84	86	89
		LIQUID SUBCOOLING (°F)	47	40	36	27	17	11
		SUCTION PRESSURE (PSIG)	121	104	90	72	60	52
		SUCTION TEMPERATURE (°F)	65	50	29	15	8	1
		SUCTION SUPERHEAT (°F)	23	16	3	1	1	1
		OUTDOOR UNIT CURRENT (A)	18.0	17.0	16.0	14.0	13.0	12.0
		COMPRESSOR CURRENT (A)	17.0	15.0	14.0	12.0	11.0	10.0
		INDOOR COIL TEMP RISE (°F)	38	33	29	24	19	17
	1400	LIQUID PRESSURE (PSIG)	477	432	402	359	320	304
		LIQUID TEMPERATURE (°F)	85	83	82	81	83	85
		LIQUID SUBCOOLING (°F)	45	39	35	27	17	12
		SUCTION PRESSURE (PSIG)	117	101	88	73	59	52
		SUCTION TEMPERATURE (°F)	65	50	32	15	8	1
		SUCTION SUPERHEAT (°F)	24	18	7	1	1	1
		OUTDOOR UNIT CURRENT (A)	17.0	15.0	14.0	13.0	12.0	12.0
		COMPRESSOR CURRENT (A)	15.0	13.0	12.0	11.0	9.0	9.0
		INDOOR COIL TEMP RISE (°F)	31	28	25	20	16	14
	1650	LIQUID PRESSURE (PSIG)	449	412	384	351	310	295
		LIQUID TEMPERATURE (°F)	82	80	80	79	80	82
		LIQUID SUBCOOLING (°F)	44	39	34	28	18	13
		SUCTION PRESSURE (PSIG)	113	99	87	74	59	52
		SUCTION TEMPERATURE (°F)	65	51	36	16	8	1
		SUCTION SUPERHEAT (°F)	26	20	11	1	1	1
		OUTDOOR UNIT CURRENT (A)	16.0	15.0	14.0	13.0	12.0	12.0
		COMPRESSOR CURRENT (A)	15.0	13.0	12.0	11.0	10.0	10.0
		INDOOR COIL TEMP RISE (°F)	25	23	20	17	14	12

FOR USE WITH MODELS WITH TXV:

YHE48B2(1,2)S
TH4B482(1,2)S
RHP14L48B2(1,2)S
QH4B48B2(1,2)S

YHE48B2(1,2)S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	198(10)	200(10)	203(11)	204(12)
60	216(10)	218(10)	221(11)	222(11)
65	234(10)	236(11)	239(11)	241(11)
70	251(9)	254(10)	257(10)	259(10)
75	269(9)	273(10)	276(10)	278(10)
80	292(9)	295(10)	298(10)	300(10)
85	315(10)	317(10)	320(10)	323(11)
90	338(9)	339(9)	342(10)	345(10)
95	361(9)	361(9)	365(10)	368(10)
100	389(9)	389(9)	393(10)	396(10)
105	417(10)	417(10)	421(11)	425(11)
110	445(10)	445(10)	449(10)	453(11)
115	474(10)	473(10)	478(10)	481(11)
120	502(9)	501(9)	506(9)	509(10)
125	531(9)	530(9)	534(9)	538(10)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHE48B2(1,2)S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1400	LIQUID PRESSURE (PSIG)	202	238	274	319	365	422	480	537
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	12	12	11	12	11	12	12	12
		SUCTION PRESSURE (PSIG)	115	117	119	121	123	126	129	132
		SUCTION TEMPERATURE (°F)	51	50	50	51	52	53	55	56
		SUCTION SUPERHEAT (°F)	12	11	9	9	9	10	10	10
		OUTDOOR UNIT CURRENT (A)	9.6	10.8	11.9	13.5	15	17.2	19.4	21.6
		COMPRESSOR CURRENT (A)	8.2	9.4	10.6	12.1	13.7	15.9	18.2	20.4
		INDOOR COIL TEMP DROP (°F)	24	23	23	22	21	21	20	19
	1600	LIQUID PRESSURE (PSIG)	199	235	270	315	361	417	473	529
		LIQUID TEMPERATURE (°F)	58	68	79	89	99	108	118	128
		LIQUID SUBCOOLING (°F)	11	11	10	10	10	11	10	9
		SUCTION PRESSURE (PSIG)	118	120	122	124	126	129	132	135
		SUCTION TEMPERATURE (°F)	57	56	55	56	57	59	60	62
		SUCTION SUPERHEAT (°F)	17	15	13	14	13	14	14	15
		OUTDOOR UNIT CURRENT (A)	9.8	11	12.2	13.8	15.3	17.6	19.8	22
		COMPRESSOR CURRENT (A)	8.4	9.6	10.8	12.4	14.0	16.3	18.5	20.8
		INDOOR COIL TEMP DROP (°F)	22	21	21	20	20	19	19	18
	1800	LIQUID PRESSURE (PSIG)	203	239	275	321	368	424	481	538
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	12	12	11	12	11	12	12	12
		SUCTION PRESSURE (PSIG)	120	122	124	126	128	131	134	137
		SUCTION TEMPERATURE (°F)	54	53	52	53	54	55	57	58
		SUCTION SUPERHEAT (°F)	14	11	9	9	9	9	10	10
		OUTDOOR UNIT CURRENT (A)	9.7	10.8	12	13.5	15.1	17.3	19.4	21.6
		COMPRESSOR CURRENT (A)	8.3	9.4	10.6	12.2	13.8	16.0	18.2	20.4
		INDOOR COIL TEMP DROP (°F)	21	20	20	20	19	19	18	18

Continued on next page.

YHE48B2(1,2)S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	1400	LIQUID PRESSURE (PSIG)	202	239	276	321	365	422	479	536
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	12	12	11	12	11	12	12	11
		SUCTION PRESSURE (PSIG)	115	116	118	121	124	127	131	134
		SUCTION TEMPERATURE (°F)	51	50	49	51	52	54	55	57
		SUCTION SUPERHEAT (°F)	12	11	9	9	9	10	10	10
		OUTDOOR UNIT CURRENT (A)	9.7	10.8	12	13.6	15.1	17.3	19.4	21.6
		COMPRESSOR CURRENT (A)	8.2	9.5	10.7	12.2	13.8	16	18.2	20.3
		INDOOR COIL TEMP DROP (°F)	28	27	27	26	25	25	24	23
	1600	LIQUID PRESSURE (PSIG)	200	236	273	317	361	417	473	530
		LIQUID TEMPERATURE (°F)	58	69	79	89	99	109	119	128
		LIQUID SUBCOOLING (°F)	10	11	10	10	9	10	10	9
		SUCTION PRESSURE (PSIG)	118	120	122	123	124	129	134	139
		SUCTION TEMPERATURE (°F)	57	56	55	56	58	60	62	64
		SUCTION SUPERHEAT (°F)	17	15	13	14	15	15	15	15
		OUTDOOR UNIT CURRENT (A)	9.9	11.1	12.3	13.8	15.4	17.6	19.8	22.1
		COMPRESSOR CURRENT (A)	8.4	9.7	10.9	12.5	14.1	16.3	18.6	20.8
		INDOOR COIL TEMP DROP (°F)	25	25	25	24	23	22	22	21
	1800	LIQUID PRESSURE (PSIG)	203	240	277	323	368	425	483	540
		LIQUID TEMPERATURE (°F)	58	69	79	89	98	108	118	128
		LIQUID SUBCOOLING (°F)	12	12	11	12	11	12	12	11
		SUCTION PRESSURE (PSIG)	120	122	125	124	124	130	137	143
		SUCTION TEMPERATURE (°F)	55	53	52	53	54	56	58	60
		SUCTION SUPERHEAT (°F)	14	11	9	10	11	11	10	10
		OUTDOOR UNIT CURRENT (A)	9.7	10.9	12.1	13.6	15.1	17.3	19.5	21.7
		COMPRESSOR CURRENT (A)	8.3	9.5	10.7	12.3	13.8	16	18.2	20.5
		INDOOR COIL TEMP DROP (°F)	24	24	24	23	22	21	20	20
80/67	1400	LIQUID PRESSURE (PSIG)	205	242	279	324	370	427	484	542
		LIQUID TEMPERATURE (°F)	58	68	79	89	99	108	118	128
		LIQUID SUBCOOLING (°F)	13	12	11	12	11	12	12	11
		SUCTION PRESSURE (PSIG)	123	127	130	133	135	138	141	145
		SUCTION TEMPERATURE (°F)	60	58	55	56	56	58	59	60
		SUCTION SUPERHEAT (°F)	18	14	10	9	9	9	9	9
		OUTDOOR UNIT CURRENT (A)	9.8	10.9	12.1	13.6	15.1	17.3	19.5	21.7
		COMPRESSOR CURRENT (A)	8.3	9.6	10.8	12.3	13.8	16	18.3	20.5
		INDOOR COIL TEMP DROP (°F)	23	23	23	22	22	21	20	20
	1600	LIQUID PRESSURE (PSIG)	203	239	276	320	365	421	478	534
		LIQUID TEMPERATURE (°F)	58	69	80	90	99	109	119	129
		LIQUID SUBCOOLING (°F)	11	11	10	10	10	11	10	9
		SUCTION PRESSURE (PSIG)	125	129	134	136	138	141	144	147
		SUCTION TEMPERATURE (°F)	68	65	61	62	62	64	65	67
		SUCTION SUPERHEAT (°F)	25	20	15	14	14	14	14	15
		OUTDOOR UNIT CURRENT (A)	10.0	11.2	12.4	13.9	15.5	17.7	19.9	22.1
		COMPRESSOR CURRENT (A)	8.5	9.8	11	12.6	14.2	16.4	18.7	20.9
		INDOOR COIL TEMP DROP (°F)	20	21	21	20	20	19	19	18
	1800	LIQUID PRESSURE (PSIG)	206	243	281	326	372	429	486	543
		LIQUID TEMPERATURE (°F)	58	69	79	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	13	13	11	12	11	12	12	12
		SUCTION PRESSURE (PSIG)	126	131	136	138	140	143	146	149
		SUCTION TEMPERATURE (°F)	65	62	58	58	58	60	61	62
		SUCTION SUPERHEAT (°F)	22	16	11	10	9	9	10	10
		OUTDOOR UNIT CURRENT (A)	9.8	11	12.2	13.7	15.2	17.4	19.6	21.7
		COMPRESSOR CURRENT (A)	8.4	9.6	10.8	12.4	13.9	16.1	18.3	20.5
		INDOOR COIL TEMP DROP (°F)	19	19	20	19	19	19	18	18

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YHE48B2(1,2)S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1400	LIQUID PRESSURE (PSIG)	207	244	281	327	373	430	488	546
		LIQUID TEMPERATURE (°F)	58	69	79	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	13	13	12	12	12	13	13	12
		SUCTION PRESSURE (PSIG)	124	132	141	144	147	150	154	157
		SUCTION TEMPERATURE (°F)	68	65	61	62	62	63	64	65
		SUCTION SUPERHEAT (°F)	26	19	12	11	10	10	10	10
		OUTDOOR UNIT CURRENT (A)	9.8	11	12.2	13.7	15.2	17.4	19.6	21.8
		COMPRESSOR CURRENT (A)	8.4	9.6	10.8	12.4	13.9	16.1	18.3	20.6
		INDOOR COIL TEMP DROP (°F)	17	17	18	17	17	16	16	15
	1600	LIQUID PRESSURE (PSIG)	204	241	278	323	368	425	481	538
		LIQUID TEMPERATURE (°F)	58	69	80	90	100	109	119	129
		LIQUID SUBCOOLING (°F)	12	11	10	11	10	11	11	10
		SUCTION PRESSURE (PSIG)	126	135	144	147	150	153	156	160
		SUCTION TEMPERATURE (°F)	75	72	68	68	68	70	71	72
		SUCTION SUPERHEAT (°F)	32	25	18	17	15	15	15	16
		OUTDOOR UNIT CURRENT (A)	10.0	11.2	12.4	14	15.5	17.8	20	22.2
		COMPRESSOR CURRENT (A)	8.6	9.8	11.1	12.7	14.2	16.5	18.8	21
		INDOOR COIL TEMP DROP (°F)	15	16	16	16	15	15	14	14
	1800	LIQUID PRESSURE (PSIG)	207	245	283	329	375	432	489	546
		LIQUID TEMPERATURE (°F)	58	69	79	89	99	109	119	128
		LIQUID SUBCOOLING (°F)	13	13	12	12	12	13	13	12
		SUCTION PRESSURE (PSIG)	127	136	145	148	152	155	158	161
		SUCTION TEMPERATURE (°F)	71	68	64	64	64	65	66	67
		SUCTION SUPERHEAT (°F)	27	20	13	12	10	10	10	10
		OUTDOOR UNIT CURRENT (A)	9.8	11	12.2	13.7	15.3	17.5	19.6	21.8
		COMPRESSOR CURRENT (A)	8.4	9.6	10.9	12.4	14	16.2	18.4	20.6
		INDOOR COIL TEMP DROP (°F)	14	15	16	15	15	14	14	13

YHE48B2(1,2)S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1400	LIQUID PRESSURE (PSIG)	385	357	336	319	264	284
		LIQUID TEMPERATURE (°F)	77	69	67	63	58	56
		LIQUID SUBCOOLING (°F)	37	39	37	37	30	36
		SUCTION PRESSURE (PSIG)	127	102	90	76	49	51
		SUCTION TEMPERATURE (°F)	57	44	36	26	6	5
		SUCTION SUPERHEAT (°F)	13	12	10	7	5	3
		OUTDOOR UNIT CURRENT (A)	16.0	15.0	15.0	14.0	13.0	13.0
		COMPRESSOR CURRENT (A)	15.0	14.0	13.0	13.0	11.0	11.0
		INDOOR COIL TEMP RISE (°F)	38	32	29	25	18	19
	1600	LIQUID PRESSURE (PSIG)	367	341	325	306	271	274
		LIQUID TEMPERATURE (°F)	74	67	65	62	57	55
		LIQUID SUBCOOLING (°F)	36	38	37	36	32	35
		SUCTION PRESSURE (PSIG)	126	102	91	76	54	50
		SUCTION TEMPERATURE (°F)	57	44	37	27	8	6
		SUCTION SUPERHEAT (°F)	14	12	10	8	4	5
		OUTDOOR UNIT CURRENT (A)	16.0	15.0	14.0	14.0	13.0	13.0
		COMPRESSOR CURRENT (A)	14.0	13.0	13.0	12.0	11.0	11.0
		INDOOR COIL TEMP RISE (°F)	34	29	26	22	17	16
	1800	LIQUID PRESSURE (PSIG)	349	325	313	293	278	264
		LIQUID TEMPERATURE (°F)	72	66	64	61	56	54
		LIQUID SUBCOOLING (°F)	35	36	35	34	35	34
		SUCTION PRESSURE (PSIG)	126	103	92	76	59	48
		SUCTION TEMPERATURE (°F)	58	44	38	28	15	7
		SUCTION SUPERHEAT (°F)	15	11	11	9	7	7
		OUTDOOR UNIT CURRENT (A)	15.0	14.0	14.0	13.0	13.0	12.0
		COMPRESSOR CURRENT (A)	13.0	13.0	12.0	12.0	11.0	11.0
		INDOOR COIL TEMP RISE (°F)	30	25	23	20	16	14
70	1400	LIQUID PRESSURE (PSIG)	441	411	394	368	332	323
		LIQUID TEMPERATURE (°F)	85	77	75	71	66	64
		LIQUID SUBCOOLING (°F)	39	42	41	40	37	37
		SUCTION PRESSURE (PSIG)	129	104	92	77	55	52
		SUCTION TEMPERATURE (°F)	57	44	37	27	9	6
		SUCTION SUPERHEAT (°F)	12	11	10	8	4	3
		OUTDOOR UNIT CURRENT (A)	18.0	17.0	17.0	16.0	15.0	14.0
		COMPRESSOR CURRENT (A)	17.0	16.0	15.0	14.0	13.0	13.0
		INDOOR COIL TEMP RISE (°F)	37	32	29	25	19	18
	1600	LIQUID PRESSURE (PSIG)	419	393	380	354	330	312
		LIQUID TEMPERATURE (°F)	82	76	73	70	65	64
		LIQUID SUBCOOLING (°F)	38	40	40	38	38	35
		SUCTION PRESSURE (PSIG)	128	104	93	77	57	50
		SUCTION TEMPERATURE (°F)	57	44	38	27	12	4
		SUCTION SUPERHEAT (°F)	13	11	10	8	6	3
		OUTDOOR UNIT CURRENT (A)	18.0	17.0	16.0	15.0	15.0	14.0
		COMPRESSOR CURRENT (A)	16.0	15.0	15.0	14.0	13.0	12.0
		INDOOR COIL TEMP RISE (°F)	33	28	26	22	18	16
	1800	LIQUID PRESSURE (PSIG)	398	375	366	339	328	301
		LIQUID TEMPERATURE (°F)	80	74	72	69	65	63
		LIQUID SUBCOOLING (°F)	36	38	38	36	37	33
		SUCTION PRESSURE (PSIG)	128	104	93	76	60	49
		SUCTION TEMPERATURE (°F)	58	44	38	27	16	4
		SUCTION SUPERHEAT (°F)	14	11	10	8	8	4
		OUTDOOR UNIT CURRENT (A)	17.0	14.0	16.0	15.0	15.0	14.0
		COMPRESSOR CURRENT (A)	15.0	16.0	14.0	13.0	13.0	12.0
		INDOOR COIL TEMP RISE (°F)	29	25	23	19	16	14

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YHE48B2(1,2)S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1400	LIQUID PRESSURE (PSIG)	496	465	453	417	400	362
		LIQUID TEMPERATURE (°F)	93	86	83	79	73	72
		LIQUID SUBCOOLING (°F)	40	42	43	41	44	37
		SUCTION PRESSURE (PSIG)	130	106	94	78	60	52
		SUCTION TEMPERATURE (°F)	57	44	38	28	17	10
		SUCTION SUPERHEAT (°F)	12	10	10	8	9	7
		OUTDOOR UNIT CURRENT (A)	21.0	19.0	19.0	18.0	17.0	16.0
		COMPRESSOR CURRENT (A)	19.0	18.0	17.0	16.0	16.0	14.0
		INDOOR COIL TEMP RISE (°F)	36	31	29	24	20	17
	1600	LIQUID PRESSURE (PSIG)	472	446	435	401	389	350
		LIQUID TEMPERATURE (°F)	91	84	82	78	73	72
		LIQUID SUBCOOLING (°F)	38	41	41	39	42	35
		SUCTION PRESSURE (PSIG)	130	105	94	77	61	51
		SUCTION TEMPERATURE (°F)	57	44	38	27	17	7
		SUCTION SUPERHEAT (°F)	12	10	10	8	8	6
		OUTDOOR UNIT CURRENT (A)	20.0	19.0	18.0	17.0	17.0	15.0
		COMPRESSOR CURRENT (A)	18.0	17.0	17.0	15.0	15.0	14.0
		INDOOR COIL TEMP RISE (°F)	33	28	25	22	18	15
	1800	LIQUID PRESSURE (PSIG)	448	426	418	385	379	338
		LIQUID TEMPERATURE (°F)	89	83	80	77	73	72
		LIQUID SUBCOOLING (°F)	36	39	40	37	40	33
		SUCTION PRESSURE (PSIG)	130	105	94	76	61	50
		SUCTION TEMPERATURE (°F)	58	44	38	27	16	6
		SUCTION SUPERHEAT (°F)	13	10	10	8	7	5
		OUTDOOR UNIT CURRENT (A)	19.0	18.0	18.0	17.0	16.0	15.0
		COMPRESSOR CURRENT (A)	17.0	16.0	16.0	15.0	15.0	13.0
		INDOOR COIL TEMP RISE (°F)	29	24	22	19	16	13

FOR USE WITH MODELS WITH TXV:

YHE60B2(1,2)S
TH4B602(1,2)S
RHP14L60B2(1,2)S

YHE60B2(1,2)S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	197(7)	199(7)	201(8)	202(9)
60	214(7)	217(7)	219(8)	220(8)
65	232(7)	236(7)	238(8)	239(8)
70	250(6)	254(6)	256(7)	257(7)
75	268(6)	273(6)	275(6)	275(6)
80	290(6)	295(6)	298(6)	298(6)
85	313(7)	318(7)	321(7)	321(6)
90	336(7)	340(7)	343(6)	344(5)
95	359(7)	362(7)	366(6)	367(5)
100	387(7)	390(7)	394(6)	395(6)
105	415(8)	419(8)	422(7)	423(7)
110	443(8)	447(8)	450(7)	451(7)
115	472(8)	475(8)	478(8)	479(7)
120	500(7)	503(7)	506(7)	507(7)
125	528(7)	531(7)	534(7)	535(7)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHE60B2(1,2)S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1365	LIQUID PRESSURE (PSIG)	199	234	269	315	361	417	474	530
		LIQUID TEMPERATURE (°F)	62	72	82	92	102	112	121	131
		LIQUID SUBCOOLING (°F)	7	7	6	7	6	7	7	7
		SUCTION PRESSURE (PSIG)	111	114	117	119	122	125	128	132
		SUCTION TEMPERATURE (°F)	50	49	48	48	48	50	52	53
		SUCTION SUPERHEAT (°F)	13	11	8	7	7	7	7	7
		OUTDOOR UNIT CURRENT (A)	11.9	13.1	14.4	16.2	18	20.5	22.9	25.4
		COMPRESSOR CURRENT (A)	10.7	12	13.3	15.1	16.9	19.4	21.9	24.4
		INDOOR COIL TEMP DROP (°F)	27	26	26	25	24	23	23	22
	1615	LIQUID PRESSURE (PSIG)	199	234	270	315	360	416	472	529
		LIQUID TEMPERATURE (°F)	61	71	82	91	101	111	120	130
		LIQUID SUBCOOLING (°F)	7	7	6	7	7	8	8	8
		SUCTION PRESSURE (PSIG)	115	118	121	124	126	129	132	135
		SUCTION TEMPERATURE (°F)	62	60	57	58	58	60	62	64
		SUCTION SUPERHEAT (°F)	24	20	16	15	15	15	16	16
		OUTDOOR UNIT CURRENT (A)	12.1	13.4	14.7	16.5	18.3	20.9	23.4	25.9
		COMPRESSOR CURRENT (A)	10.9	12.3	13.6	15.4	17.3	19.8	22.3	24.8
		INDOOR COIL TEMP DROP (°F)	23	23	23	22	21	21	20	19
	1865	LIQUID PRESSURE (PSIG)	200	236	272	317	363	419	475	532
		LIQUID TEMPERATURE (°F)	62	72	83	93	103	112	122	131
		LIQUID SUBCOOLING (°F)	7	7	5	6	6	7	7	6
		SUCTION PRESSURE (PSIG)	117	121	124	127	129	132	135	138
		SUCTION TEMPERATURE (°F)	58	54	51	52	52	54	55	57
		SUCTION SUPERHEAT (°F)	18	13	8	8	7	8	8	8
		OUTDOOR UNIT CURRENT (A)	11.9	13.2	14.5	16.3	18.1	20.5	23	25.4
		COMPRESSOR CURRENT (A)	10.8	12.1	13.4	15.2	17.0	19.5	22.0	24.4
		INDOOR COIL TEMP DROP (°F)	22	22	22	21	21	20	19	19

Continued on next page.

YHE60B2(1,2)S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
80/62	1365	LIQUID PRESSURE (PSIG)	199	236	274	318	363	419	475	531
		LIQUID TEMPERATURE (°F)	62	72	83	93	103	112	122	131
		LIQUID SUBCOOLING (°F)	7	7	6	7	6	7	7	6
		SUCTION PRESSURE (PSIG)	111	114	117	120	122	126	129	132
		SUCTION TEMPERATURE (°F)	51	49	47	48	48	50	51	53
		SUCTION SUPERHEAT (°F)	14	11	8	7	6	7	7	7
		OUTDOOR UNIT CURRENT (A)	11.9	13.2	14.5	16.3	18.1	20.6	23	25.5
		COMPRESSOR CURRENT (A)	10.8	12.1	13.5	15.2	17	19.5	22	24.4
		INDOOR COIL TEMP DROP (°F)	31	31	30	29	29	28	27	26
	1615	LIQUID PRESSURE (PSIG)	199	236	273	318	362	419	475	531
		LIQUID TEMPERATURE (°F)	61	72	82	92	102	111	121	130
		LIQUID SUBCOOLING (°F)	7	7	6	7	7	8	8	7
		SUCTION PRESSURE (PSIG)	115	118	121	124	127	130	134	137
		SUCTION TEMPERATURE (°F)	64	61	58	58	58	60	62	64
		SUCTION SUPERHEAT (°F)	26	21	16	15	15	15	15	16
		OUTDOOR UNIT CURRENT (A)	12.1	13.5	14.8	16.6	18.4	21	23.5	26
		COMPRESSOR CURRENT (A)	11.0	12.3	13.7	15.5	17.4	19.9	22.4	24.9
		INDOOR COIL TEMP DROP (°F)	27	27	27	26	25	24	24	23
	1865	LIQUID PRESSURE (PSIG)	200	238	275	320	365	422	478	535
		LIQUID TEMPERATURE (°F)	62	73	84	94	104	113	123	132
		LIQUID SUBCOOLING (°F)	7	7	6	6	6	7	7	6
		SUCTION PRESSURE (PSIG)	117	121	125	127	130	133	137	140
		SUCTION TEMPERATURE (°F)	60	56	52	52	52	54	56	57
		SUCTION SUPERHEAT (°F)	20	15	9	8	7	7	8	8
		OUTDOOR UNIT CURRENT (A)	12.0	13.3	14.6	16.4	18.2	20.6	23.1	25.6
		COMPRESSOR CURRENT (A)	10.8	12.2	13.5	15.3	17.1	19.6	22.1	24.6
		INDOOR COIL TEMP DROP (°F)	26	26	26	25	25	24	23	22
80/67	1365	LIQUID PRESSURE (PSIG)	201	238	276	321	367	423	479	536
		LIQUID TEMPERATURE (°F)	62	73	84	94	104	113	123	132
		LIQUID SUBCOOLING (°F)	7	7	5	6	6	7	7	6
		SUCTION PRESSURE (PSIG)	118	123	128	131	133	136	139	143
		SUCTION TEMPERATURE (°F)	60	57	53	54	54	56	58	60
		SUCTION SUPERHEAT (°F)	20	15	9	8	8	8	9	9
		OUTDOOR UNIT CURRENT (A)	11.9	13.3	14.7	16.5	18.3	20.8	23.3	25.8
		COMPRESSOR CURRENT (A)	10.8	12.2	13.6	15.4	17.2	19.7	22.3	24.8
		INDOOR COIL TEMP DROP (°F)	26	26	26	25	24	23	22	22
	1615	LIQUID PRESSURE (PSIG)	201	238	275	321	366	422	478	534
		LIQUID TEMPERATURE (°F)	61	72	84	93	103	112	122	131
		LIQUID SUBCOOLING (°F)	8	8	6	7	6	7	8	7
		SUCTION PRESSURE (PSIG)	120	126	132	135	138	141	144	147
		SUCTION TEMPERATURE (°F)	74	70	66	66	65	67	69	71
		SUCTION SUPERHEAT (°F)	33	26	19	18	17	18	18	19
		OUTDOOR UNIT CURRENT (A)	12.2	13.6	15	16.8	18.6	21.2	23.7	26.3
		COMPRESSOR CURRENT (A)	11.0	12.4	13.8	15.7	17.5	20.1	22.7	25.2
		INDOOR COIL TEMP DROP (°F)	22	22	22	22	21	20	20	19
	1865	LIQUID PRESSURE (PSIG)	203	240	278	323	369	425	481	537
		LIQUID TEMPERATURE (°F)	62	73	85	95	105	114	124	133
		LIQUID SUBCOOLING (°F)	8	7	5	6	5	6	6	6
		SUCTION PRESSURE (PSIG)	121	128	135	138	141	144	147	150
		SUCTION TEMPERATURE (°F)	67	64	60	59	58	60	61	62
		SUCTION SUPERHEAT (°F)	26	19	13	11	9	9	9	9
		OUTDOOR UNIT CURRENT (A)	12.0	13.4	14.7	16.5	18.3	20.8	23.4	25.9
		COMPRESSOR CURRENT (A)	10.9	12.3	13.6	15.5	17.3	19.8	22.3	24.8
		INDOOR COIL TEMP DROP (°F)	20	21	21	21	20	20	19	18

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YHE60B2(1,2)S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1365	LIQUID PRESSURE (PSIG)	203	239	276	322	368	424	481	537
		LIQUID TEMPERATURE (°F)	61	73	84	94	105	114	124	133
		LIQUID SUBCOOLING (°F)	8	7	6	6	5	6	6	6
		SUCTION PRESSURE (PSIG)	121	129	138	142	146	149	153	156
		SUCTION TEMPERATURE (°F)	68	65	63	62	60	62	63	65
		SUCTION SUPERHEAT (°F)	27	20	14	12	9	9	9	10
		OUTDOOR UNIT CURRENT (A)	11.9	13.3	14.7	16.5	18.2	20.8	23.3	25.9
		COMPRESSOR CURRENT (A)	10.8	12.2	13.6	15.4	17.2	19.7	22.3	24.8
		INDOOR COIL TEMP DROP (°F)	20	20	21	20	19	18	18	17
	1615	LIQUID PRESSURE (PSIG)	202	239	275	321	367	423	479	535
		LIQUID TEMPERATURE (°F)	60	72	83	94	104	113	123	132
		LIQUID SUBCOOLING (°F)	9	8	6	6	5	7	7	7
		SUCTION PRESSURE (PSIG)	123	132	141	146	150	154	157	160
		SUCTION TEMPERATURE (°F)	81	78	75	74	73	74	76	77
		SUCTION SUPERHEAT (°F)	39	32	26	23	20	20	20	20
		OUTDOOR UNIT CURRENT (A)	12.2	13.6	15	16.8	18.6	21.2	23.8	26.3
		COMPRESSOR CURRENT (A)	11.0	12.4	13.8	15.7	17.5	20.1	22.7	25.3
		INDOOR COIL TEMP DROP (°F)	17	17	18	17	17	16	15	15
	1865	LIQUID PRESSURE (PSIG)	204	241	278	324	370	426	482	539
		LIQUID TEMPERATURE (°F)	61	73	84	95	106	115	124	134
		LIQUID SUBCOOLING (°F)	9	8	6	6	4	6	6	5
		SUCTION PRESSURE (PSIG)	123	133	143	148	153	156	159	162
		SUCTION TEMPERATURE (°F)	71	69	67	66	65	66	67	68
		SUCTION SUPERHEAT (°F)	29	23	17	14	11	11	11	10
		OUTDOOR UNIT CURRENT (A)	12.0	13.4	14.7	16.6	18.4	20.9	23.4	25.9
		COMPRESSOR CURRENT (A)	10.9	12.3	13.6	15.5	17.3	19.8	22.4	24.9
		INDOOR COIL TEMP DROP (°F)	15	16	17	16	16	15	15	14

YHE60B2(1,2)S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1365	LIQUID PRESSURE (PSIG)	364	336	321	305	283	271
		LIQUID TEMPERATURE (°F)	91	83	78	71	63	59
		LIQUID SUBCOOLING (°F)	19	21	23	26	29	30
		SUCTION PRESSURE (PSIG)	128	103	90	75	57	49
		SUCTION TEMPERATURE (°F)	56	42	34	26	15	8
		SUCTION SUPERHEAT (°F)	12	9	8	8	9	8
		OUTDOOR UNIT CURRENT (A)	19.0	17.0	17.0	16.0	15.0	15.0
		COMPRESSOR CURRENT (A)	18.0	16.0	16.0	15.0	14.0	14.0
		INDOOR COIL TEMP RISE (°F)	45	39	35	31	25	22
	1615	LIQUID PRESSURE (PSIG)	340	315	302	288	270	260
		LIQUID TEMPERATURE (°F)	86	80	75	68	61	58
		LIQUID SUBCOOLING (°F)	19	20	22	25	28	29
		SUCTION PRESSURE (PSIG)	126	103	90	74	57	49
		SUCTION TEMPERATURE (°F)	57	42	34	26	15	8
		SUCTION SUPERHEAT (°F)	14	9	8	9	9	8
		OUTDOOR UNIT CURRENT (A)	18.0	17.0	16.0	16.0	15.0	14.0
		COMPRESSOR CURRENT (A)	16.0	15.0	15.0	14.0	14.0	13.0
		INDOOR COIL TEMP RISE (°F)	39	34	31	26	22	19
	1865	LIQUID PRESSURE (PSIG)	315	294	284	271	258	248
		LIQUID TEMPERATURE (°F)	81	77	72	66	60	57
		LIQUID SUBCOOLING (°F)	19	18	20	23	26	26
		SUCTION PRESSURE (PSIG)	124	102	89	73	58	48
		SUCTION TEMPERATURE (°F)	58	42	34	25	15	8
		SUCTION SUPERHEAT (°F)	16	10	8	8	8	8
		OUTDOOR UNIT CURRENT (A)	17.0	16.0	15.0	15.0	14.0	14.0
		COMPRESSOR CURRENT (A)	15.0	15.0	14.0	14.0	13.0	13.0
		INDOOR COIL TEMP RISE (°F)	34	29	26	22	19	16
70	1365	LIQUID PRESSURE (PSIG)	411	382	367	349	322	312
		LIQUID TEMPERATURE (°F)	99	91	85	78	71	68
		LIQUID SUBCOOLING (°F)	20	22	25	29	30	31
		SUCTION PRESSURE (PSIG)	129	104	91	75	57	50
		SUCTION TEMPERATURE (°F)	56	42	35	26	15	10
		SUCTION SUPERHEAT (°F)	11	9	8	8	9	9
		OUTDOOR UNIT CURRENT (A)	21.0	19.0	19.0	18.0	17.0	17.0
		COMPRESSOR CURRENT (A)	20.0	18.0	18.0	17.0	16.0	15.0
		INDOOR COIL TEMP RISE (°F)	44	38	34	30	24	22
	1615	LIQUID PRESSURE (PSIG)	385	360	347	331	311	300
		LIQUID TEMPERATURE (°F)	95	88	83	76	70	67
		LIQUID SUBCOOLING (°F)	19	21	23	27	29	29
		SUCTION PRESSURE (PSIG)	128	104	90	73	58	50
		SUCTION TEMPERATURE (°F)	56	42	35	25	15	9
		SUCTION SUPERHEAT (°F)	12	9	9	8	8	8
		OUTDOOR UNIT CURRENT (A)	20.0	18.0	18.0	17.0	16.0	16.0
		COMPRESSOR CURRENT (A)	18.0	17.0	17.0	16.0	15.0	15.0
		INDOOR COIL TEMP RISE (°F)	38	33	30	26	21	19
	1865	LIQUID PRESSURE (PSIG)	358	337	327	312	299	288
		LIQUID TEMPERATURE (°F)	91	85	80	74	69	66
		LIQUID SUBCOOLING (°F)	18	19	22	25	27	27
		SUCTION PRESSURE (PSIG)	127	103	90	71	58	50
		SUCTION TEMPERATURE (°F)	56	42	34	24	16	9
		SUCTION SUPERHEAT (°F)	12	9	8	8	9	8
		OUTDOOR UNIT CURRENT (A)	18.0	16.0	17.0	17.0	16.0	16.0
		COMPRESSOR CURRENT (A)	17.0	18.0	16.0	15.0	15.0	14.0
		INDOOR COIL TEMP RISE (°F)	33	28	25	21	18	16

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YHE60B2(1,2)S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1365	LIQUID PRESSURE (PSIG)	458	428	413	393	362	354
		LIQUID TEMPERATURE (°F)	107	98	93	86	79	77
		LIQUID SUBCOOLING (°F)	20	24	26	30	30	31
		SUCTION PRESSURE (PSIG)	131	105	92	76	58	51
		SUCTION TEMPERATURE (°F)	56	41	35	27	15	12
		SUCTION SUPERHEAT (°F)	11	7	8	8	8	10
		OUTDOOR UNIT CURRENT (A)	23.0	21.0	21.0	20.0	18.0	18.0
		COMPRESSOR CURRENT (A)	22.0	20.0	19.0	18.0	17.0	17.0
		INDOOR COIL TEMP RISE (°F)	43	37	34	29	24	21
	1615	LIQUID PRESSURE (PSIG)	430	404	392	373	351	341
		LIQUID TEMPERATURE (°F)	104	96	91	83	78	76
		LIQUID SUBCOOLING (°F)	18	22	24	29	29	29
		SUCTION PRESSURE (PSIG)	130	105	91	73	58	51
		SUCTION TEMPERATURE (°F)	55	42	35	24	16	11
		SUCTION SUPERHEAT (°F)	10	8	8	7	9	9
		OUTDOOR UNIT CURRENT (A)	22.0	20.0	20.0	19.0	18.0	18.0
		COMPRESSOR CURRENT (A)	20.0	19.0	19.0	18.0	17.0	16.0
		INDOOR COIL TEMP RISE (°F)	38	32	29	25	21	18
	1865	LIQUID PRESSURE (PSIG)	402	380	371	353	340	328
		LIQUID TEMPERATURE (°F)	101	93	88	81	77	75
		LIQUID SUBCOOLING (°F)	16	20	23	27	28	27
		SUCTION PRESSURE (PSIG)	129	104	91	70	59	51
		SUCTION TEMPERATURE (°F)	55	42	35	22	16	10
		SUCTION SUPERHEAT (°F)	10	9	8	7	8	8
		OUTDOOR UNIT CURRENT (A)	20.0	19.0	19.0	18.0	17.0	17.0
		COMPRESSOR CURRENT (A)	19.0	18.0	18.0	17.0	16.0	16.0
		INDOOR COIL TEMP RISE (°F)	32	27	25	21	18	16

FOR USE WITH MODELS WITH TXV:

THE30B31S

THE30B31S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	193(10)	197(11)	199(12)	201(13)
60	208(9)	211(10)	214(10)	215(11)
65	223(8)	226(9)	229(9)	230(10)
70	237(7)	241(7)	243(8)	245(8)
75	252(6)	256(6)	258(7)	260(7)
80	278(7)	282(7)	284(8)	285(8)
85	304(9)	308(9)	311(9)	311(9)
90	330(9)	334(9)	337(9)	337(9)
95	357(10)	358(10)	359(10)	363(10)
100	386(11)	388(11)	391(10)	392(10)
105	415(12)	417(12)	420(11)	421(11)
110	444(12)	445(12)	449(11)	449(11)
115	473(12)	474(12)	478(12)	478(11)
120	502(11)	503(11)	506(11)	507(11)
125	531(11)	532(11)	535(11)	536(11)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

THE30B31S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	800	LIQUID PRESSURE (PSIG)	195	225	255	307	359	416	474	531
		LIQUID TEMPERATURE (°F)	57	67	78	87	97	107	116	126
		LIQUID SUBCOOLING (°F)	10	9	7	9	11	12	12	12
		SUCTION PRESSURE (PSIG)	115	119	123	124	126	128	131	133
		SUCTION TEMPERATURE (°F)	56	53	50	50	51	52	54	55
		SUCTION SUPERHEAT (°F)	17	12	8	7	7	8	8	9
		OUTDOOR UNIT CURRENT (A)	3.8	4.1	4.5	5	5.5	6.4	7.1	7.9
		COMPRESSOR CURRENT (A)	2.8	3.2	3.6	4.1	4.6	5.4	6.2	6.9
		INDOOR COIL TEMP DROP (°F)	25	25	25	24	23	22	21	20
	1000	LIQUID PRESSURE (PSIG)	196	226	255	307	359	417	474	531
		LIQUID TEMPERATURE (°F)	57	67	78	88	97	107	117	126
		LIQUID SUBCOOLING (°F)	11	9	6	9	11	12	12	11
		SUCTION PRESSURE (PSIG)	117	122	127	129	130	133	135	137
		SUCTION TEMPERATURE (°F)	60	56	52	52	53	54	55	57
		SUCTION SUPERHEAT (°F)	20	14	8	8	7	8	8	8
		OUTDOOR UNIT CURRENT (A)	3.8	4.1	4.5	5	5.5	6.4	7.1	7.8
		COMPRESSOR CURRENT (A)	2.8	3.2	3.6	4.1	4.6	5.4	6.1	6.9
		INDOOR COIL TEMP DROP (°F)	21	22	22	21	21	20	19	18
	1200	LIQUID PRESSURE (PSIG)	197	226	256	308	360	417	474	531
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	107	117	126
		LIQUID SUBCOOLING (°F)	11	9	6	9	10	12	12	11
		SUCTION PRESSURE (PSIG)	119	125	131	133	134	137	139	141
		SUCTION TEMPERATURE (°F)	64	59	54	54	54	56	57	58
		SUCTION SUPERHEAT (°F)	24	16	8	8	7	8	8	8
		OUTDOOR UNIT CURRENT (A)	3.8	4.1	4.5	5	5.5	6.3	7	7.9
		COMPRESSOR CURRENT (A)	2.8	3.2	3.6	4.1	4.6	5.4	6.1	6.9
		INDOOR COIL TEMP DROP (°F)	18	19	20	19	18	18	17	16

Continued on next page.

THE30B31S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	800	LIQUID PRESSURE (PSIG)	195	225	255	307	360	417	474	531
		LIQUID TEMPERATURE (°F)	57	67	78	88	97	107	117	127
		LIQUID SUBCOOLING (°F)	10	9	6	9	11	12	12	11
		SUCTION PRESSURE (PSIG)	116	119	123	125	127	129	132	135
		SUCTION TEMPERATURE (°F)	58	53	49	51	52	54	55	56
		SUCTION SUPERHEAT (°F)	19	13	7	8	8	9	9	9
		OUTDOOR UNIT CURRENT (A)	3.8	4.2	4.5	5.1	5.6	6.3	7.1	7.9
		COMPRESSOR CURRENT (A)	2.8	3.2	3.6	4.1	4.7	5.4	6.2	6.9
		INDOOR COIL TEMP DROP (°F)	28	29	29	28	27	26	25	24
	1000	LIQUID PRESSURE (PSIG)	197	226	256	308	360	417	474	532
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	11	9	6	9	10	12	12	11
		SUCTION PRESSURE (PSIG)	118	122	127	129	132	135	138	141
		SUCTION TEMPERATURE (°F)	63	57	52	53	54	56	57	59
		SUCTION SUPERHEAT (°F)	23	15	8	8	8	9	9	9
		OUTDOOR UNIT CURRENT (A)	3.8	4.2	4.5	5.1	5.6	6.4	7.1	7.8
		COMPRESSOR CURRENT (A)	2.8	3.2	3.6	4.1	4.6	5.4	6.2	6.9
		INDOOR COIL TEMP DROP (°F)	25	25	26	25	24	23	22	21
	1200	LIQUID PRESSURE (PSIG)	198	227	256	308	360	417	475	532
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	11	9	6	9	10	11	12	11
		SUCTION PRESSURE (PSIG)	120	126	132	134	137	140	144	147
		SUCTION TEMPERATURE (°F)	67	61	55	55	56	58	59	61
		SUCTION SUPERHEAT (°F)	27	18	9	9	8	8	8	8
		OUTDOOR UNIT CURRENT (A)	3.8	4.1	4.5	5	5.5	6.4	7.1	7.9
		COMPRESSOR CURRENT (A)	2.8	3.2	3.6	4.1	4.6	5.4	6.2	6.9
		INDOOR COIL TEMP DROP (°F)	21	22	23	23	22	21	19	18
80/67	800	LIQUID PRESSURE (PSIG)	198	227	257	310	363	420	478	535
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	11	9	7	9	10	12	12	11
		SUCTION PRESSURE (PSIG)	119	126	134	137	139	142	144	147
		SUCTION TEMPERATURE (°F)	67	61	55	55	55	57	58	59
		SUCTION SUPERHEAT (°F)	26	17	8	7	6	7	7	7
		OUTDOOR UNIT CURRENT (A)	3.8	4.2	4.6	5.1	5.6	6.4	7.1	7.8
		COMPRESSOR CURRENT (A)	2.8	3.2	3.6	4.1	4.6	5.4	6.2	6.9
		INDOOR COIL TEMP DROP (°F)	22	23	24	24	23	22	21	21
	1000	LIQUID PRESSURE (PSIG)	199	229	258	311	363	420	478	535
		LIQUID TEMPERATURE (°F)	57	68	79	89	99	108	118	127
		LIQUID SUBCOOLING (°F)	12	9	7	9	10	11	12	11
		SUCTION PRESSURE (PSIG)	120	129	138	141	143	145	148	150
		SUCTION TEMPERATURE (°F)	69	64	58	58	57	58	59	61
		SUCTION SUPERHEAT (°F)	28	19	10	8	7	7	7	7
		OUTDOOR UNIT CURRENT (A)	3.8	4.2	4.6	5.1	5.5	6.4	7.1	7.8
		COMPRESSOR CURRENT (A)	2.8	3.2	3.6	4.1	4.6	5.4	6.2	6.9
		INDOOR COIL TEMP DROP (°F)	19	21	22	21	21	20	19	19
	1200	LIQUID PRESSURE (PSIG)	200	230	260	312	364	421	478	535
		LIQUID TEMPERATURE (°F)	57	68	79	89	99	108	118	128
		LIQUID SUBCOOLING (°F)	12	10	7	9	10	11	12	11
		SUCTION PRESSURE (PSIG)	122	132	142	144	147	149	152	154
		SUCTION TEMPERATURE (°F)	72	67	62	61	59	60	61	62
		SUCTION SUPERHEAT (°F)	30	21	12	10	7	7	7	7
		OUTDOOR UNIT CURRENT (A)	3.8	4.2	4.6	5.1	5.5	6.4	7.1	7.8
		COMPRESSOR CURRENT (A)	2.8	3.2	3.6	4.1	4.6	5.4	6.1	6.9
		INDOOR COIL TEMP DROP (°F)	16	18	19	19	19	18	18	17

Continued on next page.

THE30B31S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	800	LIQUID PRESSURE (PSIG)	200	229	258	310	362	420	478	536
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	12	10	7	9	10	11	12	11
		SUCTION PRESSURE (PSIG)	120	132	143	148	152	155	157	160
		SUCTION TEMPERATURE (°F)	72	68	65	63	61	62	63	64
		SUCTION SUPERHEAT (°F)	31	22	14	11	7	7	7	7
		OUTDOOR UNIT CURRENT (A)	3.8	4.2	4.5	5	5.5	6.3	7	7.9
		COMPRESSOR CURRENT (A)	2.8	3.2	3.6	4	4.6	5.3	6.1	6.9
		INDOOR COIL TEMP DROP (°F)	17	18	19	19	18	18	17	16
	1000	LIQUID PRESSURE (PSIG)	201	230	260	311	363	421	478	536
		LIQUID TEMPERATURE (°F)	57	67	78	88	99	108	118	128
		LIQUID SUBCOOLING (°F)	13	10	7	9	10	11	11	11
		SUCTION PRESSURE (PSIG)	121	133	145	151	156	159	161	164
		SUCTION TEMPERATURE (°F)	73	70	68	65	63	64	64	65
		SUCTION SUPERHEAT (°F)	31	24	16	12	8	8	7	7
		OUTDOOR UNIT CURRENT (A)	3.7	4.2	4.5	5	5.5	6.3	7.1	7.8
		COMPRESSOR CURRENT (A)	2.8	3.2	3.6	4	4.6	5.3	6.1	6.9
		INDOOR COIL TEMP DROP (°F)	14	16	17	17	16	16	15	14
	1200	LIQUID PRESSURE (PSIG)	202	232	261	312	364	421	478	535
		LIQUID TEMPERATURE (°F)	57	67	78	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	13	11	8	9	10	11	11	11
		SUCTION PRESSURE (PSIG)	121	134	147	154	160	163	165	168
		SUCTION TEMPERATURE (°F)	74	72	70	68	65	66	66	66
		SUCTION SUPERHEAT (°F)	32	25	18	13	9	8	8	7
		OUTDOOR UNIT CURRENT (A)	3.7	4.2	4.5	5	5.5	6.2	7	7.7
		COMPRESSOR CURRENT (A)	2.8	3.2	3.6	4	4.6	5.3	6.1	6.8
		INDOOR COIL TEMP DROP (°F)	12	13	14	14	15	14	13	13

THE30B31S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	800	LIQUID PRESSURE (PSIG)	379	355	317	326	302	295
		LIQUID TEMPERATURE (°F)	89	79	79	68	62	61
		LIQUID SUBCOOLING (°F)	24	29	25	33	35	34
		SUCTION PRESSURE (PSIG)	131	105	93	77	59	51
		SUCTION TEMPERATURE (°F)	45	34	28	19	7	2
		SUCTION SUPERHEAT (°F)	13	13	5	12	13	14
		OUTDOOR UNIT CURRENT (A)	6.2	5.2	5.6	5.6	5.6	5.6
		COMPRESSOR CURRENT (A)	5.2	5.2	4.6	4.6	4.6	4.6
		INDOOR COIL TEMP RISE (°F)	39	34	26	28	21	21
	1000	LIQUID PRESSURE (PSIG)	349	329	306	304	285	278
		LIQUID TEMPERATURE (°F)	84	75	74	67	61	60
		LIQUID SUBCOOLING (°F)	20	24	20	27	28	27
		SUCTION PRESSURE (PSIG)	129	104	93	77	59	51
		SUCTION TEMPERATURE (°F)	45	34	28	19	8	2
		SUCTION SUPERHEAT (°F)	6	8	8	9	11	12
		OUTDOOR UNIT CURRENT (A)	5.6	5.6	5.6	5.6	5	4.6
		COMPRESSOR CURRENT (A)	4.6	4.6	4.6	4.6	4	4.6
		INDOOR COIL TEMP RISE (°F)	33	28	23	23	18	18
	1200	LIQUID PRESSURE (PSIG)	320	303	294	282	268	262
		LIQUID TEMPERATURE (°F)	79	72	69	65	60	59
		LIQUID SUBCOOLING (°F)	21	25	26	27	28	28
		SUCTION PRESSURE (PSIG)	128	104	93	76	59	51
		SUCTION TEMPERATURE (°F)	44	33	28	19	8	2
		SUCTION SUPERHEAT (°F)	14	13	13	12	13	14
		OUTDOOR UNIT CURRENT (A)	5.6	4.6	5.6	5	5	5
		COMPRESSOR CURRENT (A)	4.6	4.6	4.6	4	4	4
		INDOOR COIL TEMP RISE (°F)	27	23	20	18	15	15
70	800	LIQUID PRESSURE (PSIG)	428	404	380	373	343	336
		LIQUID TEMPERATURE (°F)	96	87	85	77	70	69
		LIQUID SUBCOOLING (°F)	23	28	25	32	32	32
		SUCTION PRESSURE (PSIG)	132	107	95	79	59	52
		SUCTION TEMPERATURE (°F)	46	35	29	20	8	2
		SUCTION SUPERHEAT (°F)	7	7	8	8	11	11
		OUTDOOR UNIT CURRENT (A)	6.8	6.8	5.8	6.2	6.2	6.2
		COMPRESSOR CURRENT (A)	5.8	5.8	5.8	5.2	5.2	5.2
		INDOOR COIL TEMP RISE (°F)	36	32	28	26	18	20
	1000	LIQUID PRESSURE (PSIG)	397	366	360	350	324	318
		LIQUID TEMPERATURE (°F)	91	85	81	75	69	68
		LIQUID SUBCOOLING (°F)	22	22	25	29	29	29
		SUCTION PRESSURE (PSIG)	131	107	94	78	60	52
		SUCTION TEMPERATURE (°F)	6	8	8	9	11	12
		SUCTION SUPERHEAT (°F)	6	11	8	9	11	12
		OUTDOOR UNIT CURRENT (A)	5.8	6.2	6.2	6.2	5.6	5.6
		COMPRESSOR CURRENT (A)	5.8	5.2	5.2	5.2	4.6	4.6
		INDOOR COIL TEMP RISE (°F)	31	27	24	22	16	16
	1200	LIQUID PRESSURE (PSIG)	366	350	340	327	306	301
		LIQUID TEMPERATURE (°F)	87	80	77	73	69	67
		LIQUID SUBCOOLING (°F)	20	27	25	26	25	26
		SUCTION PRESSURE (PSIG)	129	106	94	78	60	51
		SUCTION TEMPERATURE (°F)	45	34	29	20	8	2
		SUCTION SUPERHEAT (°F)	9	9	9	8	8	8
		OUTDOOR UNIT CURRENT (A)	6.2	5.2	6.2	5.6	5.6	5.6
		COMPRESSOR CURRENT (A)	5.2	5.2	5.2	4.6	4.6	4.6
		INDOOR COIL TEMP RISE (°F)	26	22	20	17	13	13

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THE30B31S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	800	LIQUID PRESSURE (PSIG)	477	453	442	420	384	378
		LIQUID TEMPERATURE (°F)	103	94	90	85	77	76
		LIQUID SUBCOOLING (°F)	27	31	34	35	36	36
		SUCTION PRESSURE (PSIG)	133	108	96	80	60	52
		SUCTION TEMPERATURE (°F)	46	36	30	21	9	3
		SUCTION SUPERHEAT (°F)	12	12	12	13	13	14
		OUTDOOR UNIT CURRENT (A)	7.4	7.4	7.4	7.4	6.8	5.8
		COMPRESSOR CURRENT (A)	6.4	6.4	6.4	6.4	5.8	5.8
		INDOOR COIL TEMP RISE (°F)	34	31	29	25	14	18
	1000	LIQUID PRESSURE (PSIG)	445	425	414	396	364	358
		LIQUID TEMPERATURE (°F)	99	92	88	83	78	76
		LIQUID SUBCOOLING (°F)	23	26	28	30	29	29
		SUCTION PRESSURE (PSIG)	132	108	96	79	60	52
		SUCTION TEMPERATURE (°F)	46	35	30	21	9	3
		SUCTION SUPERHEAT (°F)	6	7	8	9	11	12
		OUTDOOR UNIT CURRENT (A)	6.4	6.8	6.8	6.8	6.2	6.2
		COMPRESSOR CURRENT (A)	6.4	5.8	5.8	5.8	5.2	5.2
		INDOOR COIL TEMP RISE (°F)	29	27	24	21	13	15
	1200	LIQUID PRESSURE (PSIG)	413	396	385	373	345	339
		LIQUID TEMPERATURE (°F)	95	89	85	81	78	75
		LIQUID SUBCOOLING (°F)	23	27	29	30	29	30
		SUCTION PRESSURE (PSIG)	131	108	95	79	61	52
		SUCTION TEMPERATURE (°F)	46	35	29	20	9	2
		SUCTION SUPERHEAT (°F)	13	12	12	13	9	10
		OUTDOOR UNIT CURRENT (A)	6.8	5.8	6.8	5.8	6.2	6.2
		COMPRESSOR CURRENT (A)	5.8	5.8	5.8	5.8	5.2	5.2
		INDOOR COIL TEMP RISE (°F)	24	22	19	17	12	11

FOR USE WITH MODELS WITH TXV:

THE30B41S

THE30B41S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	193(10)	197(11)	199(12)	201(13)
60	208(9)	211(10)	214(10)	215(11)
65	223(8)	226(9)	229(9)	230(10)
70	237(7)	241(7)	243(8)	245(8)
75	252(6)	256(6)	258(7)	260(7)
80	278(7)	282(7)	284(8)	285(8)
85	304(9)	308(9)	311(9)	311(9)
90	330(9)	334(9)	337(9)	337(9)
95	357(10)	358(10)	359(10)	363(10)
100	386(11)	388(11)	391(10)	392(10)
105	415(12)	417(12)	420(11)	421(11)
110	444(12)	445(12)	449(11)	449(11)
115	473(12)	474(12)	478(12)	478(11)
120	502(11)	503(11)	506(11)	507(11)
125	531(11)	532(11)	535(11)	536(11)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

THE30B41S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	800	LIQUID PRESSURE (PSIG)	195	225	255	307	359	416	474	531
		LIQUID TEMPERATURE (°F)	57	67	78	87	97	107	116	126
		LIQUID SUBCOOLING (°F)	10	9	7	9	11	12	12	12
		SUCTION PRESSURE (PSIG)	115	119	123	124	126	128	131	133
		SUCTION TEMPERATURE (°F)	56	53	50	50	51	52	54	55
		SUCTION SUPERHEAT (°F)	17	12	8	7	7	8	8	9
		OUTDOOR UNIT CURRENT (A)	1.9	2.1	2.3	2.5	2.8	3.2	3.6	4
		COMPRESSOR CURRENT (A)	1.4	1.6	1.8	2	2.3	2.7	3.1	3.5
		INDOOR COIL TEMP DROP (°F)	25	25	25	24	23	22	21	20
	1000	LIQUID PRESSURE (PSIG)	196	226	255	307	359	417	474	531
		LIQUID TEMPERATURE (°F)	57	67	78	88	97	107	117	126
		LIQUID SUBCOOLING (°F)	11	9	6	9	11	12	12	11
		SUCTION PRESSURE (PSIG)	117	122	127	129	130	133	135	137
		SUCTION TEMPERATURE (°F)	60	56	52	52	53	54	55	57
		SUCTION SUPERHEAT (°F)	20	14	8	8	7	8	8	8
		OUTDOOR UNIT CURRENT (A)	1.9	2.1	2.3	2.5	2.8	3.2	3.6	3.9
		COMPRESSOR CURRENT (A)	1.4	1.6	1.8	2	2.3	2.7	3.1	3.5
		INDOOR COIL TEMP DROP (°F)	21	22	22	21	21	20	19	18
	1200	LIQUID PRESSURE (PSIG)	197	226	256	308	360	417	474	531
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	107	117	126
		LIQUID SUBCOOLING (°F)	11	9	6	9	10	12	12	11
		SUCTION PRESSURE (PSIG)	119	125	131	133	134	137	139	141
		SUCTION TEMPERATURE (°F)	64	59	54	54	54	56	57	58
		SUCTION SUPERHEAT (°F)	24	16	8	8	7	8	8	8
		OUTDOOR UNIT CURRENT (A)	1.9	2.1	2.3	2.5	2.8	3.2	3.5	4
		COMPRESSOR CURRENT (A)	1.4	1.6	1.8	2	2.3	2.7	3.1	3.4
		INDOOR COIL TEMP DROP (°F)	18	19	20	19	18	18	17	16

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THE30B41S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	800	LIQUID PRESSURE (PSIG)	195	225	255	307	360	417	474	531
		LIQUID TEMPERATURE (°F)	57	67	78	88	97	107	117	127
		LIQUID SUBCOOLING (°F)	10	9	6	9	11	12	12	11
		SUCTION PRESSURE (PSIG)	116	119	123	125	127	129	132	135
		SUCTION TEMPERATURE (°F)	58	53	49	51	52	54	55	56
		SUCTION SUPERHEAT (°F)	19	13	7	8	8	9	9	9
		OUTDOOR UNIT CURRENT (A)	1.9	2.1	2.3	2.6	2.8	3.2	3.6	4
		COMPRESSOR CURRENT (A)	1.4	1.6	1.8	2	2.3	2.7	3.1	3.5
		INDOOR COIL TEMP DROP (°F)	28	29	29	28	27	26	25	24
	1000	LIQUID PRESSURE (PSIG)	197	226	256	308	360	417	474	532
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	11	9	6	9	10	12	12	11
		SUCTION PRESSURE (PSIG)	118	122	127	129	132	135	138	141
		SUCTION TEMPERATURE (°F)	63	57	52	53	54	56	57	59
		SUCTION SUPERHEAT (°F)	23	15	8	8	8	9	9	9
		OUTDOOR UNIT CURRENT (A)	1.9	2.1	2.3	2.6	2.8	3.2	3.6	3.9
		COMPRESSOR CURRENT (A)	1.4	1.6	1.8	2	2.3	2.7	3.1	3.5
		INDOOR COIL TEMP DROP (°F)	25	25	26	25	24	23	22	21
	1200	LIQUID PRESSURE (PSIG)	198	227	256	308	360	417	475	532
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	11	9	6	9	10	11	12	11
		SUCTION PRESSURE (PSIG)	120	126	132	134	137	140	144	147
		SUCTION TEMPERATURE (°F)	67	61	55	55	56	58	59	61
		SUCTION SUPERHEAT (°F)	27	18	9	9	8	8	8	8
		OUTDOOR UNIT CURRENT (A)	1.9	2.1	2.3	2.5	2.8	3.2	3.6	4
		COMPRESSOR CURRENT (A)	1.4	1.6	1.8	2	2.3	2.7	3.1	3.5
		INDOOR COIL TEMP DROP (°F)	21	22	23	23	22	21	19	18
80/67	800	LIQUID PRESSURE (PSIG)	198	227	257	310	363	420	478	535
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	11	9	7	9	10	12	12	11
		SUCTION PRESSURE (PSIG)	119	126	134	137	139	142	144	147
		SUCTION TEMPERATURE (°F)	67	61	55	55	55	57	58	59
		SUCTION SUPERHEAT (°F)	26	17	8	7	6	7	7	7
		OUTDOOR UNIT CURRENT (A)	1.9	2.1	2.3	2.6	2.8	3.2	3.6	3.9
		COMPRESSOR CURRENT (A)	1.4	1.6	1.8	2	2.3	2.7	3.1	3.5
		INDOOR COIL TEMP DROP (°F)	22	23	24	24	23	22	21	21
	1000	LIQUID PRESSURE (PSIG)	199	229	258	311	363	420	478	535
		LIQUID TEMPERATURE (°F)	57	68	79	89	99	108	118	127
		LIQUID SUBCOOLING (°F)	12	9	7	9	10	11	12	11
		SUCTION PRESSURE (PSIG)	120	129	138	141	143	145	148	150
		SUCTION TEMPERATURE (°F)	69	64	58	58	57	58	59	61
		SUCTION SUPERHEAT (°F)	28	19	10	8	7	7	7	7
		OUTDOOR UNIT CURRENT (A)	1.9	2.1	2.3	2.6	2.8	3.2	3.6	3.9
		COMPRESSOR CURRENT (A)	1.4	1.6	1.8	2	2.3	2.7	3.1	3.5
		INDOOR COIL TEMP DROP (°F)	19	21	22	21	21	20	19	19
	1200	LIQUID PRESSURE (PSIG)	200	230	260	312	364	421	478	535
		LIQUID TEMPERATURE (°F)	57	68	79	89	99	108	118	128
		LIQUID SUBCOOLING (°F)	12	10	7	9	10	11	12	11
		SUCTION PRESSURE (PSIG)	122	132	142	144	147	149	152	154
		SUCTION TEMPERATURE (°F)	72	67	62	61	59	60	61	62
		SUCTION SUPERHEAT (°F)	30	21	12	10	7	7	7	7
		OUTDOOR UNIT CURRENT (A)	1.9	2.1	2.3	2.6	2.8	3.2	3.6	3.9
		COMPRESSOR CURRENT (A)	1.4	1.6	1.8	2	2.3	2.7	3.1	3.5
		INDOOR COIL TEMP DROP (°F)	16	18	19	19	19	18	18	17

Continued on next page.

THE30B41S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	800	LIQUID PRESSURE (PSIG)	200	229	258	310	362	420	478	536
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	12	10	7	9	10	11	12	11
		SUCTION PRESSURE (PSIG)	120	132	143	148	152	155	157	160
		SUCTION TEMPERATURE (°F)	72	68	65	63	61	62	63	64
		SUCTION SUPERHEAT (°F)	31	22	14	11	7	7	7	7
		OUTDOOR UNIT CURRENT (A)	1.9	2.1	2.3	2.5	2.8	3.2	3.5	4
		COMPRESSOR CURRENT (A)	1.4	1.6	1.8	2	2.3	2.7	3.1	3.4
		INDOOR COIL TEMP DROP (°F)	17	18	19	19	18	18	17	16
	1000	LIQUID PRESSURE (PSIG)	201	230	260	311	363	421	478	536
		LIQUID TEMPERATURE (°F)	57	67	78	88	99	108	118	128
		LIQUID SUBCOOLING (°F)	13	10	7	9	10	11	11	11
		SUCTION PRESSURE (PSIG)	121	133	145	151	156	159	161	164
		SUCTION TEMPERATURE (°F)	73	70	68	65	63	64	64	65
		SUCTION SUPERHEAT (°F)	31	24	16	12	8	8	7	7
		OUTDOOR UNIT CURRENT (A)	1.9	2.1	2.3	2.5	2.8	3.2	3.6	3.9
		COMPRESSOR CURRENT (A)	1.4	1.6	1.8	2	2.3	2.7	3	3.4
		INDOOR COIL TEMP DROP (°F)	14	16	17	17	16	16	15	14
	1200	LIQUID PRESSURE (PSIG)	202	232	261	312	364	421	478	535
		LIQUID TEMPERATURE (°F)	57	67	78	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	13	11	8	9	10	11	11	11
		SUCTION PRESSURE (PSIG)	121	134	147	154	160	163	165	168
		SUCTION TEMPERATURE (°F)	74	72	70	68	65	66	66	66
		SUCTION SUPERHEAT (°F)	32	25	18	13	9	8	8	7
		OUTDOOR UNIT CURRENT (A)	1.9	2.1	2.3	2.5	2.8	3.1	3.5	3.9
		COMPRESSOR CURRENT (A)	1.4	1.6	1.8	2	2.3	2.7	3	3.4
		INDOOR COIL TEMP DROP (°F)	12	13	14	14	15	14	13	13

THE30B41S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	800	LIQUID PRESSURE (PSIG)	379	355	317	326	302	295
		LIQUID TEMPERATURE (°F)	89	79	79	68	62	61
		LIQUID SUBCOOLING (°F)	24	29	25	33	35	34
		SUCTION PRESSURE (PSIG)	131	105	93	77	59	51
		SUCTION TEMPERATURE (°F)	45	34	28	19	7	2
		SUCTION SUPERHEAT (°F)	13	13	5	12	13	14
		OUTDOOR UNIT CURRENT (A)	3.1	2.6	2.8	2.8	2.8	2.8
		COMPRESSOR CURRENT (A)	2.6	2.6	2.3	2.3	2.3	2.3
		INDOOR COIL TEMP RISE (°F)	39	34	26	28	21	21
	1000	LIQUID PRESSURE (PSIG)	349	329	306	304	285	278
		LIQUID TEMPERATURE (°F)	84	75	74	67	61	60
		LIQUID SUBCOOLING (°F)	20	24	20	27	28	27
		SUCTION PRESSURE (PSIG)	129	104	93	77	59	51
		SUCTION TEMPERATURE (°F)	45	34	28	19	8	2
		SUCTION SUPERHEAT (°F)	6	8	8	9	11	12
		OUTDOOR UNIT CURRENT (A)	2.8	2.8	2.8	2.8	2.5	2.3
		COMPRESSOR CURRENT (A)	2.3	2.3	2.3	2.3	2	2.3
		INDOOR COIL TEMP RISE (°F)	33	28	23	23	18	18
	1200	LIQUID PRESSURE (PSIG)	320	303	294	282	268	262
		LIQUID TEMPERATURE (°F)	79	72	69	65	60	59
		LIQUID SUBCOOLING (°F)	21	25	26	27	28	28
		SUCTION PRESSURE (PSIG)	128	104	93	76	59	51
		SUCTION TEMPERATURE (°F)	44	33	28	19	8	2
		SUCTION SUPERHEAT (°F)	14	13	13	12	13	14
		OUTDOOR UNIT CURRENT (A)	2.8	2.3	2.8	2.5	2.5	2.5
		COMPRESSOR CURRENT (A)	2.3	2.3	2.3	2	2	2
		INDOOR COIL TEMP RISE (°F)	27	23	20	18	15	15
70	800	LIQUID PRESSURE (PSIG)	428	404	380	373	343	336
		LIQUID TEMPERATURE (°F)	96	87	85	77	70	69
		LIQUID SUBCOOLING (°F)	23	28	25	32	32	32
		SUCTION PRESSURE (PSIG)	132	107	95	79	59	52
		SUCTION TEMPERATURE (°F)	46	35	29	20	8	2
		SUCTION SUPERHEAT (°F)	7	7	8	8	11	11
		OUTDOOR UNIT CURRENT (A)	3.4	3.4	2.9	3.1	3.1	3.1
		COMPRESSOR CURRENT (A)	2.9	2.9	2.9	2.6	2.6	2.6
		INDOOR COIL TEMP RISE (°F)	36	32	28	26	18	20
	1000	LIQUID PRESSURE (PSIG)	397	366	360	350	324	318
		LIQUID TEMPERATURE (°F)	91	85	81	75	69	68
		LIQUID SUBCOOLING (°F)	22	22	25	29	29	29
		SUCTION PRESSURE (PSIG)	131	107	94	78	60	52
		SUCTION TEMPERATURE (°F)	6	8	8	9	11	12
		SUCTION SUPERHEAT (°F)	6	11	8	9	11	12
		OUTDOOR UNIT CURRENT (A)	2.9	3.1	3.1	3.1	2.8	2.8
		COMPRESSOR CURRENT (A)	2.9	2.6	2.6	2.6	2.3	2.3
		INDOOR COIL TEMP RISE (°F)	31	27	24	22	16	16
	1200	LIQUID PRESSURE (PSIG)	366	350	340	327	306	301
		LIQUID TEMPERATURE (°F)	87	80	77	73	69	67
		LIQUID SUBCOOLING (°F)	20	27	25	26	25	26
		SUCTION PRESSURE (PSIG)	129	106	94	78	60	51
		SUCTION TEMPERATURE (°F)	45	34	29	20	8	2
		SUCTION SUPERHEAT (°F)	9	9	9	8	8	8
		OUTDOOR UNIT CURRENT (A)	3.1	2.6	3.1	2.8	2.8	2.8
		COMPRESSOR CURRENT (A)	2.6	2.6	2.6	2.3	2.3	2.3
		INDOOR COIL TEMP RISE (°F)	26	22	20	17	13	13

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THE30B41S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	800	LIQUID PRESSURE (PSIG)	477	453	442	420	384	378
		LIQUID TEMPERATURE (°F)	103	94	90	85	77	76
		LIQUID SUBCOOLING (°F)	27	31	34	35	36	36
		SUCTION PRESSURE (PSIG)	133	108	96	80	60	52
		SUCTION TEMPERATURE (°F)	46	36	30	21	9	3
		SUCTION SUPERHEAT (°F)	12	12	12	13	13	14
		OUTDOOR UNIT CURRENT (A)	3.7	3.7	3.7	3.7	3.4	2.9
		COMPRESSOR CURRENT (A)	3.2	3.2	3.2	3.2	2.9	2.9
		INDOOR COIL TEMP RISE (°F)	34	31	29	25	14	18
	1000	LIQUID PRESSURE (PSIG)	445	425	414	396	364	358
		LIQUID TEMPERATURE (°F)	99	92	88	83	78	76
		LIQUID SUBCOOLING (°F)	23	26	28	30	29	29
		SUCTION PRESSURE (PSIG)	132	108	96	79	60	52
		SUCTION TEMPERATURE (°F)	46	35	30	21	9	3
		SUCTION SUPERHEAT (°F)	6	7	8	9	11	12
		OUTDOOR UNIT CURRENT (A)	3.2	3.4	3.4	3.4	3.1	3.1
		COMPRESSOR CURRENT (A)	3.2	2.9	2.9	2.9	2.6	2.6
		INDOOR COIL TEMP RISE (°F)	29	27	24	21	13	15
	1200	LIQUID PRESSURE (PSIG)	413	396	385	373	345	339
		LIQUID TEMPERATURE (°F)	95	89	85	81	78	75
		LIQUID SUBCOOLING (°F)	23	27	29	30	29	30
		SUCTION PRESSURE (PSIG)	131	108	95	79	61	52
		SUCTION TEMPERATURE (°F)	46	35	29	20	9	2
		SUCTION SUPERHEAT (°F)	13	12	12	13	9	10
		OUTDOOR UNIT CURRENT (A)	3.4	2.9	3.4	2.9	3.1	3.1
		COMPRESSOR CURRENT (A)	2.9	2.9	2.9	2.9	2.6	2.6
		INDOOR COIL TEMP RISE (°F)	24	22	19	17	12	11

FOR USE WITH MODELS WITH TXV:

THE36B31S

THE36B31S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	189(6)	192(7)	192(7)	192(7)
60	207(6)	210(7)	210(7)	210(7)
65	226(7)	228(7)	228(7)	228(7)
70	244(7)	246(7)	246(7)	246(7)
75	262(7)	264(7)	264(7)	264(7)
80	284(7)	285(7)	285(7)	285(7)
85	306(8)	307(8)	307(8)	307(8)
90	327(8)	328(8)	328(8)	328(8)
95	349(8)	350(8)	350(8)	350(8)
100	376(8)	376(8)	376(8)	376(8)
105	403(9)	403(9)	403(9)	403(9)
110	429(9)	429(9)	429(9)	429(9)
115	455(9)	455(9)	455(9)	455(9)
120	481(9)	481(9)	481(9)	482(9)
125	508(9)	508(9)	508(9)	509(9)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

THE36B31S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1000	LIQUID PRESSURE (PSIG)	181	215	249	290	330	382	434	485
		LIQUID TEMPERATURE (°F)	62	72	82	92	102	111	121	130
		LIQUID SUBCOOLING (°F)	6	7	7	8	7	9	9	9
		SUCTION PRESSURE (PSIG)	99	107	115	120	126	130	134	138
		SUCTION TEMPERATURE (°F)	67	68	68	69	70	74	78	82
		SUCTION SUPERHEAT (°F)	36	33	30	28	27	29	31	33
		OUTDOOR UNIT CURRENT (A)	4.7	5.1	5.5	6.1	6.6	7.2	7.7	8.3
		COMPRESSOR CURRENT (A)	3.5	3.9	4.4	5	5.5	6	6.6	7.2
		INDOOR COIL TEMP DROP (°F)	20	21	21	21	20	19	18	17
	1200	LIQUID PRESSURE (PSIG)	189	225	262	304	347	401	455	509
		LIQUID TEMPERATURE (°F)	59	69	79	89	98	107	116	126
		LIQUID SUBCOOLING (°F)	6	7	7	8	7	9	9	9
		SUCTION PRESSURE (PSIG)	108	119	130	136	143	148	153	158
		SUCTION TEMPERATURE (°F)	58	59	60	61	62	65	68	71
		SUCTION SUPERHEAT (°F)	23	19	15	13	12	13	14	15
		OUTDOOR UNIT CURRENT (A)	4.8	5.4	5.8	6.4	6.9	7.5	8	8.6
		COMPRESSOR CURRENT (A)	3.6	4.2	4.7	5.2	5.8	6.4	6.9	7.5
		INDOOR COIL TEMP DROP (°F)	20	21	22	22	21	20	19	18
	1400	LIQUID PRESSURE (PSIG)	180	215	250	291	332	384	435	487
		LIQUID TEMPERATURE (°F)	61	72	82	92	102	111	121	130
		LIQUID SUBCOOLING (°F)	6	7	7	8	7	9	9	9
		SUCTION PRESSURE (PSIG)	94	106	118	124	129	134	139	144
		SUCTION TEMPERATURE (°F)	69	71	73	74	75	78	81	84
		SUCTION SUPERHEAT (°F)	40	36	33	31	31	31	32	33
		OUTDOOR UNIT CURRENT (A)	4.7	5.2	5.6	6.1	6.7	7.2	7.8	8.4
		COMPRESSOR CURRENT (A)	3.5	4	4.4	5	5.5	6.1	6.7	7.3
		INDOOR COIL TEMP DROP (°F)	13	15	16	16	16	15	15	14

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THE36B31S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	1000	LIQUID PRESSURE (PSIG)	183	217	252	293	334	383	432	481
		LIQUID TEMPERATURE (°F)	62	72	83	92	102	111	120	130
		LIQUID SUBCOOLING (°F)	7	7	7	8	8	9	9	9
		SUCTION PRESSURE (PSIG)	103	110	118	123	128	130	133	136
		SUCTION TEMPERATURE (°F)	68	68	68	69	70	77	83	90
		SUCTION SUPERHEAT (°F)	35	31	28	26	25	31	37	43
		OUTDOOR UNIT CURRENT (A)	4.7	5.2	5.7	6.2	6.7	7.2	7.7	8.2
		COMPRESSOR CURRENT (A)	3.5	4	4.5	5	5.6	6.1	6.6	7.1
		INDOOR COIL TEMP DROP (°F)	24	25	25	25	24	22	20	17
	1200	LIQUID PRESSURE (PSIG)	192	228	264	307	350	403	455	508
		LIQUID TEMPERATURE (°F)	60	70	80	89	99	107	116	125
		LIQUID SUBCOOLING (°F)	7	7	7	8	8	9	9	9
		SUCTION PRESSURE (PSIG)	117	125	134	140	145	150	155	159
		SUCTION TEMPERATURE (°F)	60	60	60	61	62	67	71	75
		SUCTION SUPERHEAT (°F)	20	17	14	12	11	14	16	19
		OUTDOOR UNIT CURRENT (A)	4.8	5.4	5.8	6.4	7	7.6	8.1	8.7
		COMPRESSOR CURRENT (A)	3.6	4.2	4.7	5.3	5.9	6.5	7	7.6
		INDOOR COIL TEMP DROP (°F)	25	26	27	27	26	24	22	20
	1400	LIQUID PRESSURE (PSIG)	183	218	252	294	335	386	437	488
		LIQUID TEMPERATURE (°F)	62	72	83	93	102	112	121	131
		LIQUID SUBCOOLING (°F)	7	7	7	8	8	9	9	9
		SUCTION PRESSURE (PSIG)	106	114	122	127	132	138	143	149
		SUCTION TEMPERATURE (°F)	72	73	74	75	76	79	83	87
		SUCTION SUPERHEAT (°F)	37	34	32	31	30	31	33	34
		OUTDOOR UNIT CURRENT (A)	3.8	4.1	4.5	5	5.5	6.4	7.1	7.9
		COMPRESSOR CURRENT (A)	2.8	3.2	3.6	4.1	4.6	5.4	6.2	6.9
		INDOOR COIL TEMP DROP (°F)	19	19	20	20	20	18	17	16
80/67	1000	LIQUID PRESSURE (PSIG)	181	216	250	291	332	383	434	486
		LIQUID TEMPERATURE (°F)	62	72	82	92	102	111	121	130
		LIQUID SUBCOOLING (°F)	6	7	7	8	8	9	9	9
		SUCTION PRESSURE (PSIG)	99	107	114	120	126	131	137	142
		SUCTION TEMPERATURE (°F)	72	74	77	79	81	85	88	91
		SUCTION SUPERHEAT (°F)	41	39	38	38	38	39	40	41
		OUTDOOR UNIT CURRENT (A)	4.7	5.1	5.6	6.1	6.6	7.3	7.9	8.5
		COMPRESSOR CURRENT (A)	3.5	4	4.4	5	5.5	6.1	6.8	7.3
		INDOOR COIL TEMP DROP (°F)	18	18	18	18	17	16	15	15
	1200	LIQUID PRESSURE (PSIG)	190	226	262	305	348	401	455	508
		LIQUID TEMPERATURE (°F)	60	69	79	89	98	107	116	126
		LIQUID SUBCOOLING (°F)	6	7	7	8	8	9	9	9
		SUCTION PRESSURE (PSIG)	112	120	129	135	142	148	154	160
		SUCTION TEMPERATURE (°F)	62	64	66	68	70	73	76	78
		SUCTION SUPERHEAT (°F)	25	23	21	21	21	21	21	21
		OUTDOOR UNIT CURRENT (A)	4.8	5.4	5.9	6.4	6.9	7.6	8.2	8.9
		COMPRESSOR CURRENT (A)	3.6	4.2	4.7	5.3	5.8	6.4	7	7.7
		INDOOR COIL TEMP DROP (°F)	19	19	19	19	18	17	16	16
	1400	LIQUID PRESSURE (PSIG)	182	216	250	291	332	383	434	485
		LIQUID TEMPERATURE (°F)	62	72	82	92	102	111	121	130
		LIQUID SUBCOOLING (°F)	6	7	7	8	8	9	9	9
		SUCTION PRESSURE (PSIG)	101	108	116	122	128	133	138	144
		SUCTION TEMPERATURE (°F)	73	76	78	81	84	86	89	92
		SUCTION SUPERHEAT (°F)	41	40	39	39	39	40	41	42
		OUTDOOR UNIT CURRENT (A)	4.7	5.1	5.6	6.1	6.6	7.3	7.9	8.5
		COMPRESSOR CURRENT (A)	3.5	3.9	4.4	5	5.5	6.1	6.8	7.3
		INDOOR COIL TEMP DROP (°F)	14	14	14	14	13	13	12	11

Continued on next page.

THE36B31S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1000	LIQUID PRESSURE (PSIG)	180	214	248	289	330	382	434	485
		LIQUID TEMPERATURE (°F)	62	72	82	92	101	111	121	130
		LIQUID SUBCOOLING (°F)	6	7	7	8	7	9	9	9
		SUCTION PRESSURE (PSIG)	94	103	113	119	125	132	138	144
		SUCTION TEMPERATURE (°F)	73	76	79	81	84	87	90	93
		SUCTION SUPERHEAT (°F)	44	42	41	41	41	41	41	42
		OUTDOOR UNIT CURRENT (A)	4.7	5.2	5.6	6.2	6.8	7.4	7.9	8.5
		COMPRESSOR CURRENT (A)	3.5	4	4.4	5	5.6	6.2	6.8	7.4
		INDOOR COIL TEMP DROP (°F)	13	14	14	13	13	12	11	10
	1200	LIQUID PRESSURE (PSIG)	189	225	261	303	346	400	455	509
		LIQUID TEMPERATURE (°F)	59	69	79	88	98	107	116	126
		LIQUID SUBCOOLING (°F)	6	7	7	8	7	9	9	9
		SUCTION PRESSURE (PSIG)	106	116	127	134	141	148	155	162
		SUCTION TEMPERATURE (°F)	62	65	67	70	72	74	77	79
		SUCTION SUPERHEAT (°F)	28	26	24	23	23	22	22	22
		OUTDOOR UNIT CURRENT (A)	4.9	5.4	5.9	6.5	7	7.6	8.2	8.8
		COMPRESSOR CURRENT (A)	3.7	4.2	4.7	5.3	5.8	6.5	7.1	7.7
		INDOOR COIL TEMP DROP (°F)	14	14	14	14	13	13	12	11
	1400	LIQUID PRESSURE (PSIG)	180	215	249	290	331	382	434	486
		LIQUID TEMPERATURE (°F)	61	72	82	92	102	111	121	130
		LIQUID SUBCOOLING (°F)	6	7	7	8	7	9	9	9
		SUCTION PRESSURE (PSIG)	95	105	114	120	127	133	139	145
		SUCTION TEMPERATURE (°F)	73	76	79	82	85	88	91	93
		SUCTION SUPERHEAT (°F)	44	42	41	41	41	41	42	42
		OUTDOOR UNIT CURRENT (A)	4.7	5.2	5.6	6.2	6.7	7.3	8	8.5
		COMPRESSOR CURRENT (A)	3.5	4	4.5	5	5.6	6.2	6.8	7.4
		INDOOR COIL TEMP DROP (°F)	10	10	10	10	10	9	9	8

THE36B31S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1000	LIQUID PRESSURE (PSIG)	391	360	344	320	291	262
		LIQUID TEMPERATURE (°F)	72	62	57	50	42	37
		LIQUID SUBCOOLING (°F)	43	47	49	51	52	50
		SUCTION PRESSURE (PSIG)	121	103	93	77	59	49
		SUCTION TEMPERATURE (°F)	59	46	39	30	17	9
		SUCTION SUPERHEAT (°F)	18	13	11	11	9	9
		OUTDOOR UNIT CURRENT (A)	7.3	6.7	6.5	6.1	5.6	5.2
		COMPRESSOR CURRENT (A)	6.1	5.5	5.3	4.8	4.3	3.9
		INDOOR COIL TEMP RISE (°F)	37	30	27	27	17	15
	1200	LIQUID PRESSURE (PSIG)	366	339	325	303	281	257
		LIQUID TEMPERATURE (°F)	70	61	56	49	42	37
		LIQUID SUBCOOLING (°F)	40	44	46	48	50	49
		SUCTION PRESSURE (PSIG)	117	102	92	76	59	50
		SUCTION TEMPERATURE (°F)	59	46	39	30	17	10
		SUCTION SUPERHEAT (°F)	20	14	12	11	9	9
		OUTDOOR UNIT CURRENT (A)	7.0	6.6	6.4	6.0	5.5	5.2
		COMPRESSOR CURRENT (A)	5.8	5.3	5.1	4.7	4.3	3.9
		INDOOR COIL TEMP RISE (°F)	32	26	24	24	15	13
	1400	LIQUID PRESSURE (PSIG)	341	317	306	287	272	252
		LIQUID TEMPERATURE (°F)	68	60	55	49	42	38
		LIQUID SUBCOOLING (°F)	37	40	43	44	48	46
		SUCTION PRESSURE (PSIG)	114	101	91	75	57	50
		SUCTION TEMPERATURE (°F)	59	46	39	30	18	12
		SUCTION SUPERHEAT (°F)	21	14	12	12	12	11
		OUTDOOR UNIT CURRENT (A)	6.7	6.3	6.2	5.9	5.5	5.2
		COMPRESSOR CURRENT (A)	5.6	5.1	4.9	4.6	4.2	3.9
		INDOOR COIL TEMP RISE (°F)	28	22	20	20	13	11
70	1000	LIQUID PRESSURE (PSIG)	437	409	386	364	330	302
		LIQUID TEMPERATURE (°F)	77	67	62	55	47	42
		LIQUID SUBCOOLING (°F)	47	52	52	55	56	55
		SUCTION PRESSURE (PSIG)	124	106	94	79	61	51
		SUCTION TEMPERATURE (°F)	59	47	40	31	18	10
		SUCTION SUPERHEAT (°F)	17	13	12	11	9	8
		OUTDOOR UNIT CURRENT (A)	7.7	7.1	6.7	6.3	5.6	5.3
		COMPRESSOR CURRENT (A)	6.5	5.9	5.5	5.1	4.4	4.0
		INDOOR COIL TEMP RISE (°F)	35	29	26	26	16	14
	1200	LIQUID PRESSURE (PSIG)	411	387	369	348	319	293
		LIQUID TEMPERATURE (°F)	75	66	61	55	47	42
		LIQUID SUBCOOLING (°F)	44	48	50	52	53	53
		SUCTION PRESSURE (PSIG)	121	104	94	78	60	51
		SUCTION TEMPERATURE (°F)	59	46	40	31	18	10
		SUCTION SUPERHEAT (°F)	18	13	12	11	10	8
		OUTDOOR UNIT CURRENT (A)	7.4	6.9	6.6	6.3	5.7	5.4
		COMPRESSOR CURRENT (A)	6.2	5.7	5.4	5.0	4.4	4.0
		INDOOR COIL TEMP RISE (°F)	30	25	22	22	14	12
	1400	LIQUID PRESSURE (PSIG)	385	365	351	332	308	284
		LIQUID TEMPERATURE (°F)	74	65	61	54	47	43
		LIQUID SUBCOOLING (°F)	40	45	46	49	51	49
		SUCTION PRESSURE (PSIG)	118	103	93	77	60	52
		SUCTION TEMPERATURE (°F)	59	46	39	31	19	10
		SUCTION SUPERHEAT (°F)	19	13	11	12	11	7
		OUTDOOR UNIT CURRENT (A)	7.2	6.7	6.5	6.1	5.6	5.4
		COMPRESSOR CURRENT (A)	6.0	5.5	5.3	4.9	4.3	3.9
		INDOOR COIL TEMP RISE (°F)	26	21	19	19	12	10

Continued on next page.

THE36B31S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1000	LIQUID PRESSURE (PSIG)	483	458	428	409	369	342
		LIQUID TEMPERATURE (°F)	82	72	67	60	52	47
		LIQUID SUBCOOLING (°F)	49	55	55	59	59	58
		SUCTION PRESSURE (PSIG)	127	108	96	80	63	53
		SUCTION TEMPERATURE (°F)	59	47	40	31	19	12
		SUCTION SUPERHEAT (°F)	15	12	11	10	9	9
		OUTDOOR UNIT CURRENT (A)	8.1	7.5	7.0	6.5	5.8	5.6
		COMPRESSOR CURRENT (A)	6.9	6.3	5.8	5.3	4.5	4.2
		INDOOR COIL TEMP RISE (°F)	33	27	24	24	15	13
	1200	LIQUID PRESSURE (PSIG)	456	435	412	393	357	329
		LIQUID TEMPERATURE (°F)	80	71	66	60	52	48
		LIQUID SUBCOOLING (°F)	47	52	53	56	56	55
		SUCTION PRESSURE (PSIG)	125	107	95	80	62	53
		SUCTION TEMPERATURE (°F)	59	47	40	31	19	10
		SUCTION SUPERHEAT (°F)	16	12	11	10	9	7
		OUTDOOR UNIT CURRENT (A)	7.9	7.3	7.0	6.5	5.8	5.5
		COMPRESSOR CURRENT (A)	6.7	6.1	5.8	5.2	4.5	4.1
		INDOOR COIL TEMP RISE (°F)	29	24	21	21	13	11
	1400	LIQUID PRESSURE (PSIG)	429	412	395	377	345	317
		LIQUID TEMPERATURE (°F)	79	70	66	60	52	48
		LIQUID SUBCOOLING (°F)	43	49	50	52	54	52
		SUCTION PRESSURE (PSIG)	123	106	95	80	62	53
		SUCTION TEMPERATURE (°F)	59	47	40	32	20	8
		SUCTION SUPERHEAT (°F)	17	13	11	11	10	5
		OUTDOOR UNIT CURRENT (A)	7.7	7.2	6.9	6.4	5.7	5.5
		COMPRESSOR CURRENT (A)	6.5	6.0	5.7	5.1	4.4	4.0
		INDOOR COIL TEMP RISE (°F)	25	20	18	18	11	9

FOR USE WITH MODELS WITH TXV:

THE36B41S

THE36B41S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	189(6)	192(7)	192(7)	192(7)
60	207(6)	210(7)	210(7)	210(7)
65	226(7)	228(7)	228(7)	228(7)
70	244(7)	246(7)	246(7)	246(7)
75	262(7)	264(7)	264(7)	264(7)
80	284(7)	285(7)	285(7)	285(7)
85	306(8)	307(8)	307(8)	307(8)
90	327(8)	328(8)	328(8)	328(8)
95	349(8)	350(8)	350(8)	350(8)
100	376(8)	376(8)	376(8)	376(8)
105	403(9)	403(9)	403(9)	403(9)
110	429(9)	429(9)	429(9)	429(9)
115	455(9)	455(9)	455(9)	455(9)
120	481(9)	481(9)	481(9)	482(9)
125	508(9)	508(9)	508(9)	509(9)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

THE36B41S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1000	LIQUID PRESSURE (PSIG)	181	215	249	290	330	382	434	485
		LIQUID TEMPERATURE (°F)	62	72	82	92	102	111	121	130
		LIQUID SUBCOOLING (°F)	6	7	7	8	7	9	9	9
		SUCTION PRESSURE (PSIG)	99	107	115	120	126	130	134	138
		SUCTION TEMPERATURE (°F)	67	68	68	69	70	74	78	82
		SUCTION SUPERHEAT (°F)	36	33	30	28	27	29	31	33
		OUTDOOR UNIT CURRENT (A)	2.4	2.6	2.8	3.1	3.3	3.6	3.9	4.2
		COMPRESSOR CURRENT (A)	1.7	2	2.2	2.5	2.7	3	3.3	3.6
		INDOOR COIL TEMP DROP (°F)	20	21	21	21	20	19	18	17
	1200	LIQUID PRESSURE (PSIG)	189	225	262	304	347	401	455	509
		LIQUID TEMPERATURE (°F)	59	69	79	89	98	107	116	126
		LIQUID SUBCOOLING (°F)	6	7	7	8	7	9	9	9
		SUCTION PRESSURE (PSIG)	108	119	130	136	143	148	153	158
		SUCTION TEMPERATURE (°F)	58	59	60	61	62	65	68	71
		SUCTION SUPERHEAT (°F)	23	19	15	13	12	13	14	15
		OUTDOOR UNIT CURRENT (A)	2.4	2.7	2.9	3.2	3.5	3.8	4	4.3
		COMPRESSOR CURRENT (A)	1.8	2.1	2.3	2.6	2.9	3.2	3.5	3.8
		INDOOR COIL TEMP DROP (°F)	20	21	22	22	21	20	19	18
	1400	LIQUID PRESSURE (PSIG)	180	215	250	291	332	384	435	487
		LIQUID TEMPERATURE (°F)	61	72	82	92	102	111	121	130
		LIQUID SUBCOOLING (°F)	6	7	7	8	7	9	9	9
		SUCTION PRESSURE (PSIG)	94	106	118	124	129	134	139	144
		SUCTION TEMPERATURE (°F)	69	71	73	74	75	78	81	84
		SUCTION SUPERHEAT (°F)	40	36	33	31	31	31	32	33
		OUTDOOR UNIT CURRENT (A)	2.4	2.6	2.8	3.1	3.4	3.6	3.9	4.2
		COMPRESSOR CURRENT (A)	1.7	2	2.2	2.5	2.8	3.1	3.3	3.6
		INDOOR COIL TEMP DROP (°F)	13	15	16	16	16	15	15	14

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THE36B41S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	1000	LIQUID PRESSURE (PSIG)	183	217	252	293	334	383	432	481
		LIQUID TEMPERATURE (°F)	62	72	83	92	102	111	120	130
		LIQUID SUBCOOLING (°F)	7	7	7	8	8	9	9	9
		SUCTION PRESSURE (PSIG)	103	110	118	123	128	130	133	136
		SUCTION TEMPERATURE (°F)	68	68	68	69	70	77	83	90
		SUCTION SUPERHEAT (°F)	35	31	28	26	25	31	37	43
		OUTDOOR UNIT CURRENT (A)	2.4	2.6	2.9	3.1	3.4	3.6	3.9	4.1
		COMPRESSOR CURRENT (A)	1.7	2	2.3	2.5	2.8	3.1	3.3	3.6
		INDOOR COIL TEMP DROP (°F)	24	25	25	25	24	22	20	17
	1200	LIQUID PRESSURE (PSIG)	192	228	264	307	350	403	455	508
		LIQUID TEMPERATURE (°F)	60	70	80	89	99	107	116	125
		LIQUID SUBCOOLING (°F)	7	7	7	8	8	9	9	9
		SUCTION PRESSURE (PSIG)	117	125	134	140	145	150	155	159
		SUCTION TEMPERATURE (°F)	60	60	60	61	62	67	71	75
		SUCTION SUPERHEAT (°F)	20	17	14	12	11	14	16	19
		OUTDOOR UNIT CURRENT (A)	2.4	2.7	2.9	3.2	3.5	3.8	4.1	4.4
		COMPRESSOR CURRENT (A)	1.8	2.1	2.4	2.7	2.9	3.2	3.5	3.8
		INDOOR COIL TEMP DROP (°F)	25	26	27	27	26	24	22	20
	1400	LIQUID PRESSURE (PSIG)	183	218	252	294	335	386	437	488
		LIQUID TEMPERATURE (°F)	62	72	83	93	102	112	121	131
		LIQUID SUBCOOLING (°F)	7	7	7	8	8	9	9	9
		SUCTION PRESSURE (PSIG)	106	114	122	127	132	138	143	149
		SUCTION TEMPERATURE (°F)	72	73	74	75	76	79	83	87
		SUCTION SUPERHEAT (°F)	37	34	32	31	30	31	33	34
		OUTDOOR UNIT CURRENT (A)	1.9	2.1	2.3	2.5	2.8	3.2	3.6	4
		COMPRESSOR CURRENT (A)	1.4	1.6	1.8	2	2.3	2.7	3.1	3.5
		INDOOR COIL TEMP DROP (°F)	19	19	20	20	20	18	17	16
80/67	1000	LIQUID PRESSURE (PSIG)	181	216	250	291	332	383	434	486
		LIQUID TEMPERATURE (°F)	62	72	82	92	102	111	121	130
		LIQUID SUBCOOLING (°F)	6	7	7	8	8	9	9	9
		SUCTION PRESSURE (PSIG)	99	107	114	120	126	131	137	142
		SUCTION TEMPERATURE (°F)	72	74	77	79	81	85	88	91
		SUCTION SUPERHEAT (°F)	41	39	38	38	38	39	40	41
		OUTDOOR UNIT CURRENT (A)	2.4	2.6	2.8	3.1	3.3	3.7	4	4.3
		COMPRESSOR CURRENT (A)	1.7	2	2.2	2.5	2.8	3.1	3.4	3.7
		INDOOR COIL TEMP DROP (°F)	18	18	18	18	17	16	15	15
	1200	LIQUID PRESSURE (PSIG)	190	226	262	305	348	401	455	508
		LIQUID TEMPERATURE (°F)	60	69	79	89	98	107	116	126
		LIQUID SUBCOOLING (°F)	6	7	7	8	8	9	9	9
		SUCTION PRESSURE (PSIG)	112	120	129	135	142	148	154	160
		SUCTION TEMPERATURE (°F)	62	64	66	68	70	73	76	78
		SUCTION SUPERHEAT (°F)	25	23	21	21	21	21	21	21
		OUTDOOR UNIT CURRENT (A)	2.4	2.7	3	3.2	3.5	3.8	4.1	4.5
		COMPRESSOR CURRENT (A)	1.8	2.1	2.3	2.6	2.9	3.2	3.5	3.8
		INDOOR COIL TEMP DROP (°F)	19	19	19	19	18	17	16	16
	1400	LIQUID PRESSURE (PSIG)	182	216	250	291	332	383	434	485
		LIQUID TEMPERATURE (°F)	62	72	82	92	102	111	121	130
		LIQUID SUBCOOLING (°F)	6	7	7	8	8	9	9	9
		SUCTION PRESSURE (PSIG)	101	108	116	122	128	133	138	144
		SUCTION TEMPERATURE (°F)	73	76	78	81	84	86	89	92
		SUCTION SUPERHEAT (°F)	41	40	39	39	39	40	41	42
		OUTDOOR UNIT CURRENT (A)	2.4	2.6	2.8	3.1	3.3	3.7	4	4.3
		COMPRESSOR CURRENT (A)	1.7	2	2.2	2.5	2.8	3.1	3.4	3.7
		INDOOR COIL TEMP DROP (°F)	14	14	14	14	13	13	12	11

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THE36B41S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1000	LIQUID PRESSURE (PSIG)	180	214	248	289	330	382	434	485
		LIQUID TEMPERATURE (°F)	62	72	82	92	101	111	121	130
		LIQUID SUBCOOLING (°F)	6	7	7	8	7	9	9	9
		SUCTION PRESSURE (PSIG)	94	103	113	119	125	132	138	144
		SUCTION TEMPERATURE (°F)	73	76	79	81	84	87	90	93
		SUCTION SUPERHEAT (°F)	44	42	41	41	41	41	41	42
		OUTDOOR UNIT CURRENT (A)	2.4	2.6	2.8	3.1	3.4	3.7	4	4.3
		COMPRESSOR CURRENT (A)	1.7	2	2.2	2.5	2.8	3.1	3.4	3.7
		INDOOR COIL TEMP DROP (°F)	13	14	14	13	13	12	11	10
	1200	LIQUID PRESSURE (PSIG)	189	225	261	303	346	400	455	509
		LIQUID TEMPERATURE (°F)	59	69	79	88	98	107	116	126
		LIQUID SUBCOOLING (°F)	6	7	7	8	7	9	9	9
		SUCTION PRESSURE (PSIG)	106	116	127	134	141	148	155	162
		SUCTION TEMPERATURE (°F)	62	65	67	70	72	74	77	79
		SUCTION SUPERHEAT (°F)	28	26	24	23	23	22	22	22
		OUTDOOR UNIT CURRENT (A)	2.5	2.7	3	3.3	3.5	3.8	4.1	4.4
		COMPRESSOR CURRENT (A)	1.8	2.1	2.3	2.6	2.9	3.2	3.6	3.9
		INDOOR COIL TEMP DROP (°F)	14	14	14	14	13	13	12	11
	1400	LIQUID PRESSURE (PSIG)	180	215	249	290	331	382	434	486
		LIQUID TEMPERATURE (°F)	61	72	82	92	102	111	121	130
		LIQUID SUBCOOLING (°F)	6	7	7	8	7	9	9	9
		SUCTION PRESSURE (PSIG)	95	105	114	120	127	133	139	145
		SUCTION TEMPERATURE (°F)	73	76	79	82	85	88	91	93
		SUCTION SUPERHEAT (°F)	44	42	41	41	41	41	42	42
		OUTDOOR UNIT CURRENT (A)	2.4	2.6	2.8	3.1	3.4	3.7	4	4.3
		COMPRESSOR CURRENT (A)	1.8	2	2.3	2.5	2.8	3.1	3.4	3.7
		INDOOR COIL TEMP DROP (°F)	10	10	10	10	10	9	9	8

THE36B41S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1000	LIQUID PRESSURE (PSIG)	391	360	344	320	291	262
		LIQUID TEMPERATURE (°F)	72	62	57	50	42	37
		LIQUID SUBCOOLING (°F)	43	47	49	51	52	50
		SUCTION PRESSURE (PSIG)	121	103	93	77	59	49
		SUCTION TEMPERATURE (°F)	59	46	39	30	17	9
		SUCTION SUPERHEAT (°F)	18	13	11	11	9	9
		OUTDOOR UNIT CURRENT (A)	3.7	3.4	3.3	3.1	2.8	2.6
		COMPRESSOR CURRENT (A)	3.1	2.8	2.6	2.4	2.2	2.0
		INDOOR COIL TEMP RISE (°F)	37	30	27	27	17	15
	1200	LIQUID PRESSURE (PSIG)	366	339	325	303	281	257
		LIQUID TEMPERATURE (°F)	70	61	56	49	42	37
		LIQUID SUBCOOLING (°F)	40	44	46	48	50	49
		SUCTION PRESSURE (PSIG)	117	102	92	76	59	50
		SUCTION TEMPERATURE (°F)	59	46	39	30	17	10
		SUCTION SUPERHEAT (°F)	20	14	12	11	9	9
		OUTDOOR UNIT CURRENT (A)	3.5	3.3	3.2	3.0	2.8	2.6
		COMPRESSOR CURRENT (A)	2.9	2.7	2.5	2.4	2.1	2.0
		INDOOR COIL TEMP RISE (°F)	32	26	24	24	15	13
	1400	LIQUID PRESSURE (PSIG)	341	317	306	287	272	252
		LIQUID TEMPERATURE (°F)	68	60	55	49	42	38
		LIQUID SUBCOOLING (°F)	37	40	43	44	48	46
		SUCTION PRESSURE (PSIG)	114	101	91	75	57	50
		SUCTION TEMPERATURE (°F)	59	46	39	30	18	12
		SUCTION SUPERHEAT (°F)	21	14	12	12	12	11
		OUTDOOR UNIT CURRENT (A)	3.4	3.2	3.1	3.0	2.8	2.6
		COMPRESSOR CURRENT (A)	2.8	2.6	2.5	2.3	2.1	2.0
		INDOOR COIL TEMP RISE (°F)	28	22	20	20	13	11
70	1000	LIQUID PRESSURE (PSIG)	437	409	386	364	330	302
		LIQUID TEMPERATURE (°F)	77	67	62	55	47	42
		LIQUID SUBCOOLING (°F)	47	52	52	55	56	55
		SUCTION PRESSURE (PSIG)	124	106	94	79	61	51
		SUCTION TEMPERATURE (°F)	59	47	40	31	18	10
		SUCTION SUPERHEAT (°F)	17	13	12	11	9	8
		OUTDOOR UNIT CURRENT (A)	3.9	3.6	3.4	3.2	2.8	2.7
		COMPRESSOR CURRENT (A)	3.3	2.9	2.8	2.5	2.2	2.0
		INDOOR COIL TEMP RISE (°F)	35	29	26	26	16	14
	1200	LIQUID PRESSURE (PSIG)	411	387	369	348	319	293
		LIQUID TEMPERATURE (°F)	75	66	61	55	47	42
		LIQUID SUBCOOLING (°F)	44	48	50	52	53	53
		SUCTION PRESSURE (PSIG)	121	104	94	78	60	51
		SUCTION TEMPERATURE (°F)	59	46	40	31	18	10
		SUCTION SUPERHEAT (°F)	18	13	12	11	10	8
		OUTDOOR UNIT CURRENT (A)	3.7	3.5	3.3	3.2	2.9	2.7
		COMPRESSOR CURRENT (A)	3.1	2.9	2.7	2.5	2.2	2.0
		INDOOR COIL TEMP RISE (°F)	30	25	22	22	14	12
	1400	LIQUID PRESSURE (PSIG)	385	365	351	332	308	284
		LIQUID TEMPERATURE (°F)	74	65	61	54	47	43
		LIQUID SUBCOOLING (°F)	40	45	46	49	51	49
		SUCTION PRESSURE (PSIG)	118	103	93	77	60	52
		SUCTION TEMPERATURE (°F)	59	46	39	31	19	10
		SUCTION SUPERHEAT (°F)	19	13	11	12	11	7
		OUTDOOR UNIT CURRENT (A)	3.6	3.4	3.3	3.1	2.8	2.7
		COMPRESSOR CURRENT (A)	3.0	2.8	2.7	2.5	2.2	2.0
		INDOOR COIL TEMP RISE (°F)	26	21	19	19	12	10

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THE36B41S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1000	LIQUID PRESSURE (PSIG)	483	458	428	409	369	342
		LIQUID TEMPERATURE (°F)	82	72	67	60	52	47
		LIQUID SUBCOOLING (°F)	49	55	55	59	59	58
		SUCTION PRESSURE (PSIG)	127	108	96	80	63	53
		SUCTION TEMPERATURE (°F)	59	47	40	31	19	12
		SUCTION SUPERHEAT (°F)	15	12	11	10	9	9
		OUTDOOR UNIT CURRENT (A)	4.1	3.8	3.5	3.3	2.9	2.8
		COMPRESSOR CURRENT (A)	3.5	3.1	2.9	2.6	2.3	2.1
		INDOOR COIL TEMP RISE (°F)	33	27	24	24	15	13
	1200	LIQUID PRESSURE (PSIG)	456	435	412	393	357	329
		LIQUID TEMPERATURE (°F)	80	71	66	60	52	48
		LIQUID SUBCOOLING (°F)	47	52	53	56	56	55
		SUCTION PRESSURE (PSIG)	125	107	95	80	62	53
		SUCTION TEMPERATURE (°F)	59	47	40	31	19	10
		SUCTION SUPERHEAT (°F)	16	12	11	10	9	7
		OUTDOOR UNIT CURRENT (A)	4.0	3.7	3.5	3.3	2.9	2.8
		COMPRESSOR CURRENT (A)	3.3	3.1	2.9	2.6	2.3	2.0
		INDOOR COIL TEMP RISE (°F)	29	24	21	21	13	11
	1400	LIQUID PRESSURE (PSIG)	429	412	395	377	345	317
		LIQUID TEMPERATURE (°F)	79	70	66	60	52	48
		LIQUID SUBCOOLING (°F)	43	49	50	52	54	52
		SUCTION PRESSURE (PSIG)	123	106	95	80	62	53
		SUCTION TEMPERATURE (°F)	59	47	40	32	20	8
		SUCTION SUPERHEAT (°F)	17	13	11	11	10	5
		OUTDOOR UNIT CURRENT (A)	3.9	3.6	3.5	3.2	2.9	2.8
		COMPRESSOR CURRENT (A)	3.2	3.0	2.8	2.6	2.2	2.0
		INDOOR COIL TEMP RISE (°F)	25	20	18	18	11	9

FOR USE WITH MODELS WITH TXV:

THE36B32S

THE36B32S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	196 (10)	199 (11)	203 (12)	205 (13)
60	214 (10)	218 (11)	221 (12)	223 (13)
65	232 (10)	236 (11)	239 (12)	242 (13)
70	250 (10)	254 (11)	258 (12)	260 (12)
75	267 (10)	272 (10)	276 (12)	278 (12)
80	290 (10)	295 (11)	299 (12)	301 (12)
85	313 (11)	318 (11)	323 (12)	324 (12)
90	336 (11)	342 (11)	347 (12)	347 (12)
95	358 (11)	365 (12)	370 (12)	371 (12)
100	389 (11)	396 (12)	401 (13)	402 (13)
105	420 (12)	426 (12)	431 (13)	433 (13)
110	450 (12)	457 (13)	462 (13)	464 (13)
115	481 (12)	488 (13)	492 (14)	495 (14)
120	512 (13)	518 (13)	523 (14)	526 (14)
125	542 (13)	549 (14)	554 (14)	558 (15)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

THE36B32S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	950	LIQUID PRESSURE (PSIG)	200	235	271	317	364	425	487	549
		LIQUID TEMPERATURE (°F)	57	68	78	87	97	107	116	126
		LIQUID SUBCOOLING (°F)	11	11	11	11	12	12	13	14
		SUCTION PRESSURE (PSIG)	113	116	118	121	123	126	129	132
		SUCTION TEMPERATURE (°F)	55	55	55	57	59	63	66	70
		SUCTION SUPERHEAT (°F)	18	16	15	16	17	19	22	24
		OUTDOOR UNIT CURRENT (A)	5.3	5.8	6.2	7	7.6	8.6	9.7	10.7
		COMPRESSOR CURRENT (A)	3.3	3.8	4.3	5	5.6	6.7	7.8	8.8
		INDOOR COIL TEMP DROP (°F)	21	23	26	25	24	23	22	21
	1200	LIQUID PRESSURE (PSIG)	201	236	272	318	364	425	487	548
		LIQUID TEMPERATURE (°F)	57	68	78	87	97	107	116	126
		LIQUID SUBCOOLING (°F)	12	11	11	11	12	12	13	14
		SUCTION PRESSURE (PSIG)	115	119	122	124	126	129	132	135
		SUCTION TEMPERATURE (°F)	58	58	57	59	60	64	67	70
		SUCTION SUPERHEAT (°F)	19	17	16	16	17	19	21	23
		OUTDOOR UNIT CURRENT (A)	5.3	5.8	6.3	7	7.6	8.6	9.7	10.7
		COMPRESSOR CURRENT (A)	3.3	3.9	4.3	5	5.6	6.7	7.7	8.8
		INDOOR COIL TEMP DROP (°F)	21	22	24	23	22	21	21	20
	1450	LIQUID PRESSURE (PSIG)	202	237	273	318	364	425	487	548
		LIQUID TEMPERATURE (°F)	57	68	78	87	97	107	117	126
		LIQUID SUBCOOLING (°F)	12	11	11	11	12	12	13	14
		SUCTION PRESSURE (PSIG)	118	122	125	127	130	132	135	138
		SUCTION TEMPERATURE (°F)	61	60	59	60	62	65	68	71
		SUCTION SUPERHEAT (°F)	20	18	16	16	17	19	21	23
		OUTDOOR UNIT CURRENT (A)	5.3	5.8	6.3	7	7.5	8.6	9.6	10.8
		COMPRESSOR CURRENT (A)	3.3	3.9	4.3	5	5.6	6.6	7.7	8.8
		INDOOR COIL TEMP DROP (°F)	21	21	21	21	20	20	19	18

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THE36B32S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
80/62	950	LIQUID PRESSURE (PSIG)	198	234	271	318	365	425	486	547
		LIQUID TEMPERATURE (°F)	58	68	78	87	97	107	117	126
		LIQUID SUBCOOLING (°F)	10	10	10	11	12	12	13	14
		SUCTION PRESSURE (PSIG)	112	115	118	120	123	126	130	134
		SUCTION TEMPERATURE (°F)	56	56	55	57	59	63	66	70
		SUCTION SUPERHEAT (°F)	18	17	15	16	17	19	21	23
		OUTDOOR UNIT CURRENT (A)	5.3	5.8	6.3	6.9	7.6	8.6	9.7	10.7
		COMPRESSOR CURRENT (A)	3.3	3.8	4.3	5	5.7	6.7	7.7	8.8
		INDOOR COIL TEMP DROP (°F)	31	30	30	29	29	28	26	25
	1200	LIQUID PRESSURE (PSIG)	199	236	272	318	365	426	488	549
		LIQUID TEMPERATURE (°F)	58	68	78	88	97	107	117	126
		LIQUID SUBCOOLING (°F)	11	11	10	11	12	12	13	14
		SUCTION PRESSURE (PSIG)	115	119	122	125	127	131	135	139
		SUCTION TEMPERATURE (°F)	59	58	57	59	61	64	68	71
		SUCTION SUPERHEAT (°F)	20	18	16	16	17	19	21	23
		OUTDOOR UNIT CURRENT (A)	5.3	5.8	6.3	6.9	7.6	8.6	9.6	10.7
		COMPRESSOR CURRENT (A)	3.3	3.8	4.3	5	5.7	6.7	7.7	8.8
		INDOOR COIL TEMP DROP (°F)	28	28	28	27	27	25	24	23
	1450	LIQUID PRESSURE (PSIG)	201	237	273	319	366	427	489	551
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	126
		LIQUID SUBCOOLING (°F)	11	11	11	11	11	12	13	14
		SUCTION PRESSURE (PSIG)	118	122	126	129	131	135	139	144
		SUCTION TEMPERATURE (°F)	62	61	60	61	62	66	69	72
		SUCTION SUPERHEAT (°F)	22	19	16	16	17	19	20	22
		OUTDOOR UNIT CURRENT (A)	3.8	4.1	4.5	5	5.5	6.4	7.1	7.9
		COMPRESSOR CURRENT (A)	2.8	3.2	3.6	4.1	4.6	5.4	6.2	6.9
		INDOOR COIL TEMP DROP (°F)	26	25	25	25	24	23	22	21
80/67	950	LIQUID PRESSURE (PSIG)	202	238	275	323	370	430	491	551
		LIQUID TEMPERATURE (°F)	58	68	78	88	97	107	117	126
		LIQUID SUBCOOLING (°F)	12	12	12	12	12	13	14	14
		SUCTION PRESSURE (PSIG)	120	124	128	131	133	136	139	142
		SUCTION TEMPERATURE (°F)	63	62	60	62	63	65	68	71
		SUCTION SUPERHEAT (°F)	22	19	16	16	16	18	19	21
		OUTDOOR UNIT CURRENT (A)	5.3	5.8	6.3	6.9	7.6	8.7	9.7	10.6
		COMPRESSOR CURRENT (A)	3.4	3.9	4.4	5	5.7	6.8	7.8	8.8
		INDOOR COIL TEMP DROP (°F)	20	23	25	24	24	23	22	22
	1200	LIQUID PRESSURE (PSIG)	203	239	276	323	370	431	492	554
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	107	117	126
		LIQUID SUBCOOLING (°F)	12	12	12	12	12	13	14	14
		SUCTION PRESSURE (PSIG)	122	127	132	134	137	139	142	144
		SUCTION TEMPERATURE (°F)	66	64	62	63	64	67	69	72
		SUCTION SUPERHEAT (°F)	24	20	16	16	16	18	19	21
		OUTDOOR UNIT CURRENT (A)	5.3	5.8	6.3	6.9	7.6	8.7	9.7	10.7
		COMPRESSOR CURRENT (A)	3.4	3.9	4.4	5	5.7	6.8	7.8	8.8
		INDOOR COIL TEMP DROP (°F)	20	22	23	23	22	21	21	20
	1450	LIQUID PRESSURE (PSIG)	204	241	277	323	370	432	494	556
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	13	12	12	12	12	13	14	15
		SUCTION PRESSURE (PSIG)	124	129	135	137	140	142	145	147
		SUCTION TEMPERATURE (°F)	69	66	64	65	66	68	70	73
		SUCTION SUPERHEAT (°F)	26	22	17	17	17	18	20	21
		OUTDOOR UNIT CURRENT (A)	5.3	5.9	6.3	7	7.6	8.7	9.8	10.8
		COMPRESSOR CURRENT (A)	3.4	3.9	4.4	5	5.7	6.8	7.8	8.9
		INDOOR COIL TEMP DROP (°F)	20	21	21	21	20	20	19	19

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THE36B32S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	950	LIQUID PRESSURE (PSIG)	205	241	276	323	370	433	495	557
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	13	13	12	12	12	13	14	15
		SUCTION PRESSURE (PSIG)	124	132	139	142	145	149	152	156
		SUCTION TEMPERATURE (°F)	70	69	68	68	69	71	73	75
		SUCTION SUPERHEAT (°F)	27	23	19	18	18	18	19	20
		OUTDOOR UNIT CURRENT (A)	5.4	5.8	6.3	6.9	7.6	8.7	9.7	10.7
		COMPRESSOR CURRENT (A)	3.4	3.9	4.4	5.1	5.8	6.8	7.8	8.8
		INDOOR COIL TEMP DROP (°F)	15	17	19	19	18	17	16	16
	1200	LIQUID PRESSURE (PSIG)	205	242	278	324	371	433	495	558
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	13	13	12	12	12	13	14	15
		SUCTION PRESSURE (PSIG)	125	133	141	145	148	152	155	158
		SUCTION TEMPERATURE (°F)	71	70	69	70	71	72	74	75
		SUCTION SUPERHEAT (°F)	29	24	20	19	18	19	19	20
		OUTDOOR UNIT CURRENT (A)	5.4	5.8	6.3	7	7.6	8.7	9.7	10.7
		COMPRESSOR CURRENT (A)	3.5	3.9	4.4	5.1	5.7	6.8	7.8	8.8
		INDOOR COIL TEMP DROP (°F)	15	16	18	17	16	16	15	14
	1450	LIQUID PRESSURE (PSIG)	206	242	279	325	371	433	496	558
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	14	13	12	12	12	13	14	15
		SUCTION PRESSURE (PSIG)	126	135	143	147	152	154	157	160
		SUCTION TEMPERATURE (°F)	73	72	70	71	72	74	75	76
		SUCTION SUPERHEAT (°F)	30	25	20	20	19	19	20	20
		OUTDOOR UNIT CURRENT (A)	5.4	5.9	6.3	7	7.6	8.6	9.7	10.7
		COMPRESSOR CURRENT (A)	3.5	4	4.4	5.1	5.7	6.8	7.9	8.9
		INDOOR COIL TEMP DROP (°F)	15	16	16	15	14	14	14	13

THE36B32S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	950	LIQUID PRESSURE (PSIG)	344	322	314	298	275	259
		LIQUID TEMPERATURE (°F)	81	74	71	65	60	58
		LIQUID SUBCOOLING (°F)	24	26	27	29	29	28
		SUCTION PRESSURE (PSIG)	120	100	92	75	59	48
		SUCTION TEMPERATURE (°F)	56	44	39	30	17	8
		SUCTION SUPERHEAT (°F)	14	12	11	12	9	8
		OUTDOOR UNIT CURRENT (A)	7.3	6.6	6.6	6.6	6	7
		COMPRESSOR CURRENT (A)	5.5	4.6	4.6	4.6	4	4
		INDOOR COIL TEMP RISE (°F)	36	31	35	24	20	17
	1200	LIQUID PRESSURE (PSIG)	322	302	295	282	260	249
		LIQUID TEMPERATURE (°F)	77	71	68	64	61	57
		LIQUID SUBCOOLING (°F)	23	24	25	26	24	25
		SUCTION PRESSURE (PSIG)	119	100	91	75	58	48
		SUCTION TEMPERATURE (°F)	55	44	38	29	14	8
		SUCTION SUPERHEAT (°F)	14	12	11	11	7	7
		OUTDOOR UNIT CURRENT (A)	7	6.6	6.6	6.4	6.1	6.7
		COMPRESSOR CURRENT (A)	5.2	4.6	4.6	4.5	4.1	4
		INDOOR COIL TEMP RISE (°F)	31	26	28	21	17	14
	1450	LIQUID PRESSURE (PSIG)	301	283	277	267	245	240
		LIQUID TEMPERATURE (°F)	73	69	66	63	62	57
		LIQUID SUBCOOLING (°F)	22	22	23	24	20	23
		SUCTION PRESSURE (PSIG)	119	100	91	76	58	49
		SUCTION TEMPERATURE (°F)	55	44	38	29	11	8
		SUCTION SUPERHEAT (°F)	15	12	11	10	5	7
		OUTDOOR UNIT CURRENT (A)	6.7	6.4	6.4	6.3	6.1	6.5
		COMPRESSOR CURRENT (A)	4.8	4.6	4.6	4.4	4.2	4
		INDOOR COIL TEMP RISE (°F)	26	22	21	18	14	12
70	950	LIQUID PRESSURE (PSIG)	391	368	359	343	318	300
		LIQUID TEMPERATURE (°F)	89	82	79	73	68	67
		LIQUID SUBCOOLING (°F)	24	26	27	30	30	28
		SUCTION PRESSURE (PSIG)	121	101	93	76	60	50
		SUCTION TEMPERATURE (°F)	56	44	39	30	17	9
		SUCTION SUPERHEAT (°F)	14	12	11	11	8	7
		OUTDOOR UNIT CURRENT (A)	8.1	7.7	7.5	7.4	7	7.3
		COMPRESSOR CURRENT (A)	6.2	5.7	5.6	5.4	5	4.8
		INDOOR COIL TEMP RISE (°F)	35	30	31	24	19	16
	1200	LIQUID PRESSURE (PSIG)	367	347	339	326	304	290
		LIQUID TEMPERATURE (°F)	86	80	77	72	68	66
		LIQUID SUBCOOLING (°F)	23	24	25	27	26	25
		SUCTION PRESSURE (PSIG)	120	100	92	76	59	50
		SUCTION TEMPERATURE (°F)	55	44	38	30	15	9
		SUCTION SUPERHEAT (°F)	14	12	11	11	7	7
		OUTDOOR UNIT CURRENT (A)	7.7	7.4	7.3	7.2	6.8	7.1
		COMPRESSOR CURRENT (A)	5.9	5.4	5.4	5.3	4.9	4.7
		INDOOR COIL TEMP RISE (°F)	30	26	26	20	16	14
	1450	LIQUID PRESSURE (PSIG)	344	328	320	310	289	281
		LIQUID TEMPERATURE (°F)	82	78	75	71	69	66
		LIQUID SUBCOOLING (°F)	21	23	23	25	23	24
		SUCTION PRESSURE (PSIG)	120	100	92	76	59	50
		SUCTION TEMPERATURE (°F)	55	44	38	30	14	9
		SUCTION SUPERHEAT (°F)	14	12	11	10	7	7
		OUTDOOR UNIT CURRENT (A)	7.3	7.2	7.1	6.9	6.8	6.9
		COMPRESSOR CURRENT (A)	5.5	5.3	5.2	5.1	4.8	4.7
		INDOOR COIL TEMP RISE (°F)	25	22	20	17	14	12

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THE36B32S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	950	LIQUID PRESSURE (PSIG)	439	414	404	388	362	342
		LIQUID TEMPERATURE (°F)	98	91	88	82	77	76
		LIQUID SUBCOOLING (°F)	25	27	28	31	31	28
		SUCTION PRESSURE (PSIG)	123	102	94	78	61	53
		SUCTION TEMPERATURE (°F)	56	45	39	31	17	10
		SUCTION SUPERHEAT (°F)	14	12	11	11	8	6
		OUTDOOR UNIT CURRENT (A)	8.9	8.6	8.5	8.2	7.8	7.7
		COMPRESSOR CURRENT (A)	7	6.7	6.6	6.3	5.9	5.7
		INDOOR COIL TEMP RISE (°F)	34	30	27	24	19	16
	1200	LIQUID PRESSURE (PSIG)	413	393	384	370	348	332
		LIQUID TEMPERATURE (°F)	95	89	86	81	76	75
		LIQUID SUBCOOLING (°F)	23	25	26	28	28	26
		SUCTION PRESSURE (PSIG)	122	101	93	77	60	52
		SUCTION TEMPERATURE (°F)	56	44	39	31	17	10
		SUCTION SUPERHEAT (°F)	14	12	11	11	8	7
		OUTDOOR UNIT CURRENT (A)	8.4	8.3	8.1	7.9	7.6	7.5
		COMPRESSOR CURRENT (A)	6.6	6.4	6.2	6	5.7	5.5
		INDOOR COIL TEMP RISE (°F)	29	26	24	20	16	14
	1450	LIQUID PRESSURE (PSIG)	387	373	364	353	334	322
		LIQUID TEMPERATURE (°F)	92	87	85	80	76	75
		LIQUID SUBCOOLING (°F)	21	24	24	26	26	25
		SUCTION PRESSURE (PSIG)	122	101	93	77	60	52
		SUCTION TEMPERATURE (°F)	56	44	39	31	18	11
		SUCTION SUPERHEAT (°F)	14	12	11	11	9	8
		OUTDOOR UNIT CURRENT (A)	8	7.8	7.8	7.6	7.4	7.3
		COMPRESSOR CURRENT (A)	6.2	5.9	5.9	5.7	5.5	5.3
		INDOOR COIL TEMP RISE (°F)	25	21	20	17	13	12

FOR USE WITH MODELS WITH TXV:

THE36B42S

THE36B42S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	196 (10)	199 (11)	203 (12)	205 (13)
60	214 (10)	218 (11)	221 (12)	223 (13)
65	232 (10)	236 (11)	239 (12)	242 (13)
70	250 (10)	254 (11)	258 (12)	260 (12)
75	267 (10)	272 (10)	276 (12)	278 (12)
80	290 (10)	295 (11)	299 (12)	301 (12)
85	313 (11)	318 (11)	323 (12)	324 (12)
90	336 (11)	342 (11)	347 (12)	347 (12)
95	358 (11)	365 (12)	370 (12)	371 (12)
100	389 (11)	396 (12)	401 (13)	402 (13)
105	420 (12)	426 (12)	431 (13)	433 (13)
110	450 (12)	457 (13)	462 (13)	464 (13)
115	481 (12)	488 (13)	492 (14)	495 (14)
120	512 (13)	518 (13)	523 (14)	526 (14)
125	542 (13)	549 (14)	554 (14)	558 (15)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

THE36B42S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	950	LIQUID PRESSURE (PSIG)	200	235	271	317	364	425	487	549
		LIQUID TEMPERATURE (°F)	57	68	78	87	97	107	116	126
		LIQUID SUBCOOLING (°F)	11	11	11	11	12	12	13	14
		SUCTION PRESSURE (PSIG)	113	116	118	121	123	126	129	132
		SUCTION TEMPERATURE (°F)	55	55	55	57	59	63	66	70
		SUCTION SUPERHEAT (°F)	18	16	15	16	17	19	22	24
		OUTDOOR UNIT CURRENT (A)	2.7	2.9	3.1	3.5	3.8	4.3	4.9	5.4
		COMPRESSOR CURRENT (A)	1.7	1.9	2.2	2.5	2.8	3.3	3.9	4.4
		INDOOR COIL TEMP DROP (°F)	21	23	26	25	24	23	22	21
	1200	LIQUID PRESSURE (PSIG)	201	236	272	318	364	425	487	548
		LIQUID TEMPERATURE (°F)	57	68	78	87	97	107	116	126
		LIQUID SUBCOOLING (°F)	12	11	11	11	12	12	13	14
		SUCTION PRESSURE (PSIG)	115	119	122	124	126	129	132	135
		SUCTION TEMPERATURE (°F)	58	58	57	59	60	64	67	70
		SUCTION SUPERHEAT (°F)	19	17	16	16	17	19	21	23
		OUTDOOR UNIT CURRENT (A)	2.7	2.9	3.2	3.5	3.8	4.3	4.9	5.4
		COMPRESSOR CURRENT (A)	1.7	1.9	2.2	2.5	2.8	3.3	3.9	4.4
		INDOOR COIL TEMP DROP (°F)	21	22	24	23	22	21	21	20
	1450	LIQUID PRESSURE (PSIG)	202	237	273	318	364	425	487	548
		LIQUID TEMPERATURE (°F)	57	68	78	87	97	107	117	126
		LIQUID SUBCOOLING (°F)	12	11	11	11	12	12	13	14
		SUCTION PRESSURE (PSIG)	118	122	125	127	130	132	135	138
		SUCTION TEMPERATURE (°F)	61	60	59	60	62	65	68	71
		SUCTION SUPERHEAT (°F)	20	18	16	16	17	19	21	23
		OUTDOOR UNIT CURRENT (A)	2.7	2.9	3.2	3.5	3.8	4.3	4.8	5.4
		COMPRESSOR CURRENT (A)	1.7	1.9	2.2	2.5	2.8	3.3	3.9	4.4
		INDOOR COIL TEMP DROP (°F)	21	21	21	21	20	20	19	18

Continued on next page.

THE36B42S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	950	LIQUID PRESSURE (PSIG)	198	234	271	318	365	425	486	547
		LIQUID TEMPERATURE (°F)	58	68	78	87	97	107	117	126
		LIQUID SUBCOOLING (°F)	10	10	10	11	12	12	13	14
		SUCTION PRESSURE (PSIG)	112	115	118	120	123	126	130	134
		SUCTION TEMPERATURE (°F)	56	56	55	57	59	63	66	70
		SUCTION SUPERHEAT (°F)	18	17	15	16	17	19	21	23
		OUTDOOR UNIT CURRENT (A)	2.7	2.9	3.2	3.5	3.8	4.3	4.9	5.4
		COMPRESSOR CURRENT (A)	1.6	1.9	2.1	2.5	2.8	3.3	3.9	4.4
		INDOOR COIL TEMP DROP (°F)	31	30	30	29	29	28	26	25
	1200	LIQUID PRESSURE (PSIG)	199	236	272	318	365	426	488	549
		LIQUID TEMPERATURE (°F)	58	68	78	88	97	107	117	126
		LIQUID SUBCOOLING (°F)	11	11	10	11	12	12	13	14
		SUCTION PRESSURE (PSIG)	115	119	122	125	127	131	135	139
		SUCTION TEMPERATURE (°F)	59	58	57	59	61	64	68	71
		SUCTION SUPERHEAT (°F)	20	18	16	16	17	19	21	23
		OUTDOOR UNIT CURRENT (A)	2.7	2.9	3.2	3.5	3.8	4.3	4.8	5.4
		COMPRESSOR CURRENT (A)	1.6	1.9	2.1	2.5	2.8	3.3	3.9	4.4
		INDOOR COIL TEMP DROP (°F)	28	28	28	27	27	25	24	23
	1450	LIQUID PRESSURE (PSIG)	201	237	273	319	366	427	489	551
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	126
		LIQUID SUBCOOLING (°F)	11	11	11	11	11	12	13	14
		SUCTION PRESSURE (PSIG)	118	122	126	129	131	135	139	144
		SUCTION TEMPERATURE (°F)	62	61	60	61	62	66	69	72
		SUCTION SUPERHEAT (°F)	22	19	16	16	17	19	20	22
		OUTDOOR UNIT CURRENT (A)	1.9	2.1	2.3	2.5	2.8	3.2	3.6	4
		COMPRESSOR CURRENT (A)	1.4	1.6	1.8	2	2.3	2.7	3.1	3.5
		INDOOR COIL TEMP DROP (°F)	26	25	25	25	24	23	22	21
80/67	950	LIQUID PRESSURE (PSIG)	202	238	275	323	370	430	491	551
		LIQUID TEMPERATURE (°F)	58	68	78	88	97	107	117	126
		LIQUID SUBCOOLING (°F)	12	12	12	12	12	13	14	14
		SUCTION PRESSURE (PSIG)	120	124	128	131	133	136	139	142
		SUCTION TEMPERATURE (°F)	63	62	60	62	63	65	68	71
		SUCTION SUPERHEAT (°F)	22	19	16	16	16	18	19	21
		OUTDOOR UNIT CURRENT (A)	2.7	2.9	3.2	3.5	3.8	4.4	4.9	5.3
		COMPRESSOR CURRENT (A)	1.7	1.9	2.2	2.5	2.9	3.4	3.9	4.4
		INDOOR COIL TEMP DROP (°F)	20	23	25	24	24	23	22	22
	1200	LIQUID PRESSURE (PSIG)	203	239	276	323	370	431	492	554
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	107	117	126
		LIQUID SUBCOOLING (°F)	12	12	12	12	12	13	14	14
		SUCTION PRESSURE (PSIG)	122	127	132	134	137	139	142	144
		SUCTION TEMPERATURE (°F)	66	64	62	63	64	67	69	72
		SUCTION SUPERHEAT (°F)	24	20	16	16	16	18	19	21
		OUTDOOR UNIT CURRENT (A)	2.7	2.9	3.2	3.5	3.8	4.4	4.9	5.4
		COMPRESSOR CURRENT (A)	1.7	1.9	2.2	2.5	2.9	3.4	3.9	4.4
		INDOOR COIL TEMP DROP (°F)	20	22	23	23	22	21	21	20
	1450	LIQUID PRESSURE (PSIG)	204	241	277	323	370	432	494	556
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	13	12	12	12	12	13	14	15
		SUCTION PRESSURE (PSIG)	124	129	135	137	140	142	145	147
		SUCTION TEMPERATURE (°F)	69	66	64	65	66	68	70	73
		SUCTION SUPERHEAT (°F)	26	22	17	17	17	18	20	21
		OUTDOOR UNIT CURRENT (A)	2.7	3	3.2	3.5	3.8	4.4	4.9	5.4
		COMPRESSOR CURRENT (A)	1.7	1.9	2.2	2.5	2.9	3.4	3.9	4.4
		INDOOR COIL TEMP DROP (°F)	20	21	21	21	20	20	19	19

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THE36B42S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	950	LIQUID PRESSURE (PSIG)	205	241	276	323	370	433	495	557
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	13	13	12	12	12	13	14	15
		SUCTION PRESSURE (PSIG)	124	132	139	142	145	149	152	156
		SUCTION TEMPERATURE (°F)	70	69	68	68	69	71	73	75
		SUCTION SUPERHEAT (°F)	27	23	19	18	18	18	19	20
		OUTDOOR UNIT CURRENT (A)	2.7	2.9	3.2	3.5	3.8	4.4	4.9	5.4
		COMPRESSOR CURRENT (A)	1.7	2	2.2	2.5	2.9	3.4	3.9	4.4
		INDOOR COIL TEMP DROP (°F)	15	17	19	19	18	17	16	16
	1200	LIQUID PRESSURE (PSIG)	205	242	278	324	371	433	495	558
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	13	13	12	12	12	13	14	15
		SUCTION PRESSURE (PSIG)	125	133	141	145	148	152	155	158
		SUCTION TEMPERATURE (°F)	71	70	69	70	71	72	74	75
		SUCTION SUPERHEAT (°F)	29	24	20	19	18	19	19	20
		OUTDOOR UNIT CURRENT (A)	2.7	2.9	3.2	3.5	3.8	4.4	4.9	5.4
		COMPRESSOR CURRENT (A)	1.7	2	2.2	2.5	2.9	3.4	3.9	4.4
		INDOOR COIL TEMP DROP (°F)	15	16	18	17	16	16	15	14
	1450	LIQUID PRESSURE (PSIG)	206	242	279	325	371	433	496	558
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	14	13	12	12	12	13	14	15
		SUCTION PRESSURE (PSIG)	126	135	143	147	152	154	157	160
		SUCTION TEMPERATURE (°F)	73	72	70	71	72	74	75	76
		SUCTION SUPERHEAT (°F)	30	25	20	20	19	19	20	20
		OUTDOOR UNIT CURRENT (A)	2.7	3	3.2	3.5	3.8	4.3	4.9	5.4
		COMPRESSOR CURRENT (A)	1.7	2	2.2	2.5	2.9	3.4	3.9	4.4
		INDOOR COIL TEMP DROP (°F)	15	16	16	15	14	14	14	13

THE36B42S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	950	LIQUID PRESSURE (PSIG)	344	322	314	298	275	259
		LIQUID TEMPERATURE (°F)	81	74	71	65	60	58
		LIQUID SUBCOOLING (°F)	24	26	27	29	29	28
		SUCTION PRESSURE (PSIG)	120	100	92	75	59	48
		SUCTION TEMPERATURE (°F)	56	44	39	30	17	8
		SUCTION SUPERHEAT (°F)	14	12	11	12	9	8
		OUTDOOR UNIT CURRENT (A)	3.7	3.3	3.3	3.3	3	3.5
		COMPRESSOR CURRENT (A)	2.7	2.3	2.3	2.3	2	2
		INDOOR COIL TEMP RISE (°F)	36	31	35	24	20	17
	1200	LIQUID PRESSURE (PSIG)	322	302	295	282	260	249
		LIQUID TEMPERATURE (°F)	77	71	68	64	61	57
		LIQUID SUBCOOLING (°F)	23	24	25	26	24	25
		SUCTION PRESSURE (PSIG)	119	100	91	75	58	48
		SUCTION TEMPERATURE (°F)	55	44	38	29	14	8
		SUCTION SUPERHEAT (°F)	14	12	11	11	7	7
		OUTDOOR UNIT CURRENT (A)	3.5	3.3	3.3	3.2	3.1	3.4
		COMPRESSOR CURRENT (A)	2.6	2.3	2.3	2.3	2	2
		INDOOR COIL TEMP RISE (°F)	31	26	28	21	17	14
	1450	LIQUID PRESSURE (PSIG)	301	283	277	267	245	240
		LIQUID TEMPERATURE (°F)	73	69	66	63	62	57
		LIQUID SUBCOOLING (°F)	22	22	23	24	20	23
		SUCTION PRESSURE (PSIG)	119	100	91	76	58	49
		SUCTION TEMPERATURE (°F)	55	44	38	29	11	8
		SUCTION SUPERHEAT (°F)	15	12	11	10	5	7
		OUTDOOR UNIT CURRENT (A)	3.4	3.2	3.2	3.2	3.1	3.3
		COMPRESSOR CURRENT (A)	2.4	2.3	2.3	2.2	2.1	2
		INDOOR COIL TEMP RISE (°F)	26	22	21	18	14	12
70	950	LIQUID PRESSURE (PSIG)	391	368	359	343	318	300
		LIQUID TEMPERATURE (°F)	89	82	79	73	68	67
		LIQUID SUBCOOLING (°F)	24	26	27	30	30	28
		SUCTION PRESSURE (PSIG)	121	101	93	76	60	50
		SUCTION TEMPERATURE (°F)	56	44	39	30	17	9
		SUCTION SUPERHEAT (°F)	14	12	11	11	8	7
		OUTDOOR UNIT CURRENT (A)	4.1	3.9	3.8	3.7	3.5	3.7
		COMPRESSOR CURRENT (A)	3.1	2.8	2.8	2.7	2.5	2.4
		INDOOR COIL TEMP RISE (°F)	35	30	31	24	19	16
	1200	LIQUID PRESSURE (PSIG)	367	347	339	326	304	290
		LIQUID TEMPERATURE (°F)	86	80	77	72	68	66
		LIQUID SUBCOOLING (°F)	23	24	25	27	26	25
		SUCTION PRESSURE (PSIG)	120	100	92	76	59	50
		SUCTION TEMPERATURE (°F)	55	44	38	30	15	9
		SUCTION SUPERHEAT (°F)	14	12	11	11	7	7
		OUTDOOR UNIT CURRENT (A)	3.9	3.7	3.7	3.6	3.4	3.6
		COMPRESSOR CURRENT (A)	2.9	2.7	2.7	2.6	2.5	2.4
		INDOOR COIL TEMP RISE (°F)	30	26	26	20	16	14
	1450	LIQUID PRESSURE (PSIG)	344	328	320	310	289	281
		LIQUID TEMPERATURE (°F)	82	78	75	71	69	66
		LIQUID SUBCOOLING (°F)	21	23	23	25	23	24
		SUCTION PRESSURE (PSIG)	120	100	92	76	59	50
		SUCTION TEMPERATURE (°F)	55	44	38	30	14	9
		SUCTION SUPERHEAT (°F)	14	12	11	10	7	7
		OUTDOOR UNIT CURRENT (A)	3.7	3.6	3.6	3.5	3.4	3.5
		COMPRESSOR CURRENT (A)	2.8	2.6	2.6	2.5	2.4	2.3
		INDOOR COIL TEMP RISE (°F)	25	22	20	17	14	12

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THE36B42S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	950	LIQUID PRESSURE (PSIG)	439	414	404	388	362	342
		LIQUID TEMPERATURE (°F)	98	91	88	82	77	76
		LIQUID SUBCOOLING (°F)	25	27	28	31	31	28
		SUCTION PRESSURE (PSIG)	123	102	94	78	61	53
		SUCTION TEMPERATURE (°F)	56	45	39	31	17	10
		SUCTION SUPERHEAT (°F)	14	12	11	11	8	6
		OUTDOOR UNIT CURRENT (A)	4.5	4.3	4.3	4.1	3.9	3.9
		COMPRESSOR CURRENT (A)	3.5	3.3	3.3	3.1	3	2.8
		INDOOR COIL TEMP RISE (°F)	34	30	27	24	19	16
	1200	LIQUID PRESSURE (PSIG)	413	393	384	370	348	332
		LIQUID TEMPERATURE (°F)	95	89	86	81	76	75
		LIQUID SUBCOOLING (°F)	23	25	26	28	28	26
		SUCTION PRESSURE (PSIG)	122	101	93	77	60	52
		SUCTION TEMPERATURE (°F)	56	44	39	31	17	10
		SUCTION SUPERHEAT (°F)	14	12	11	11	8	7
		OUTDOOR UNIT CURRENT (A)	4.2	4.2	4.1	4	3.8	3.8
		COMPRESSOR CURRENT (A)	3.3	3.2	3.1	3	2.9	2.7
		INDOOR COIL TEMP RISE (°F)	29	26	24	20	16	14
	1450	LIQUID PRESSURE (PSIG)	387	373	364	353	334	322
		LIQUID TEMPERATURE (°F)	92	87	85	80	76	75
		LIQUID SUBCOOLING (°F)	21	24	24	26	26	25
		SUCTION PRESSURE (PSIG)	122	101	93	77	60	52
		SUCTION TEMPERATURE (°F)	56	44	39	31	18	11
		SUCTION SUPERHEAT (°F)	14	12	11	11	9	8
		OUTDOOR UNIT CURRENT (A)	4	3.9	3.9	3.8	3.7	3.7
		COMPRESSOR CURRENT (A)	3.1	3	2.9	2.9	2.7	2.7
		INDOOR COIL TEMP RISE (°F)	25	21	20	17	13	12

FOR USE WITH MODELS WITH TXV:

THE42B31S

THE42B31S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	195(10)	198(11)	199(12)	199(12)
60	212(10)	215(11)	217(12)	218(12)
65	229(11)	233(11)	235(12)	237(13)
70	246(10)	251(11)	253(11)	255(12)
75	264(10)	269(11)	272(11)	274(12)
80	285(10)	290(11)	293(11)	296(12)
85	307(10)	312(11)	315(11)	318(12)
90	328(10)	333(10)	336(11)	339(11)
95	350(10)	354(10)	358(11)	361(11)
100	377(10)	380(10)	384(11)	387(11)
105	404(11)	407(11)	411(11)	414(11)
110	431(10)	433(10)	437(11)	440(11)
115	458(10)	459(10)	463(11)	467(11)
120	485(9)	485(9)	489(10)	493(10)
125	512(9)	512(9)	516(10)	520(10)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

THE42B31S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1100	LIQUID PRESSURE (PSIG)	197	233	268	311	353	406	458	511
		LIQUID TEMPERATURE (°F)	58	68	78	88	97	107	117	127
		LIQUID SUBCOOLING (°F)	10	11	10	10	9	10	9	8
		SUCTION PRESSURE (PSIG)	99	105	112	116	120	125	131	136
		SUCTION TEMPERATURE (°F)	62	61	59	62	65	69	74	78
		SUCTION SUPERHEAT (°F)	31	26	22	23	24	26	28	30
		OUTDOOR UNIT CURRENT (A)	6.2	6.8	7.4	8	8.5	9.1	9.7	10.3
		COMPRESSOR CURRENT (A)	5	5.6	6.2	6.8	7.4	8	8.5	9.1
		INDOOR COIL TEMP DROP (°F)	25	25	24	23	22	21	20	19
	1200	LIQUID PRESSURE (PSIG)	197	233	268	310	353	405	458	510
		LIQUID TEMPERATURE (°F)	57	67	77	87	96	106	116	125
		LIQUID SUBCOOLING (°F)	11	11	11	11	10	11	10	9
		SUCTION PRESSURE (PSIG)	106	114	122	126	130	136	141	147
		SUCTION TEMPERATURE (°F)	57	55	53	56	59	62	66	69
		SUCTION SUPERHEAT (°F)	22	17	11	12	13	15	16	17
		OUTDOOR UNIT CURRENT (A)	6.2	6.9	7.5	8.1	8.6	9.2	9.8	10.3
		COMPRESSOR CURRENT (A)	5	5.7	6.3	6.9	7.5	8.1	8.7	9.2
		INDOOR COIL TEMP DROP (°F)	22	22	22	21	21	20	19	18
	1300	LIQUID PRESSURE (PSIG)	198	234	269	312	355	407	460	513
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	11	11	10	10	9	10	9	8
		SUCTION PRESSURE (PSIG)	100	108	116	119	123	128	134	139
		SUCTION TEMPERATURE (°F)	66	64	61	64	67	70	74	78
		SUCTION SUPERHEAT (°F)	35	28	22	23	24	26	28	29
		OUTDOOR UNIT CURRENT (A)	6.2	6.9	7.5	8.1	8.6	9.3	9.9	10.4
		COMPRESSOR CURRENT (A)	5	5.7	6.3	6.9	7.5	8.1	8.7	9.3
		INDOOR COIL TEMP DROP (°F)	21	22	22	22	21	20	19	18

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THE42B31S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	1100	LIQUID PRESSURE (PSIG)	198	234	269	312	355	407	460	512
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	10	11	10	10	9	10	9	8
		SUCTION PRESSURE (PSIG)	99	106	113	117	120	126	131	137
		SUCTION TEMPERATURE (°F)	65	62	60	63	67	71	74	78
		SUCTION SUPERHEAT (°F)	33	28	22	24	26	27	29	30
		OUTDOOR UNIT CURRENT (A)	6.2	6.8	7.4	8	8.5	9.1	9.7	10.3
		COMPRESSOR CURRENT (A)	5	5.6	6.2	6.8	7.4	8	8.6	9.2
		INDOOR COIL TEMP DROP (°F)	28	28	28	27	26	25	24	23
	1200	LIQUID PRESSURE (PSIG)	198	233	269	312	354	407	459	512
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	106	116	126
		LIQUID SUBCOOLING (°F)	11	11	11	11	10	11	10	9
		SUCTION PRESSURE (PSIG)	107	115	123	127	130	137	143	149
		SUCTION TEMPERATURE (°F)	59	57	54	57	60	63	67	70
		SUCTION SUPERHEAT (°F)	24	18	12	13	14	15	16	17
		OUTDOOR UNIT CURRENT (A)	6.2	6.8	7.5	8.1	8.6	9.3	9.8	10.4
		COMPRESSOR CURRENT (A)	5	5.6	6.3	6.9	7.5	8.1	8.7	9.3
		INDOOR COIL TEMP DROP (°F)	25	26	26	25	24	23	22	21
	1300	LIQUID PRESSURE (PSIG)	199	235	270	313	356	409	462	514
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	11	11	10	10	9	10	9	8
		SUCTION PRESSURE (PSIG)	101	109	116	120	123	129	135	141
		SUCTION TEMPERATURE (°F)	69	65	61	65	68	72	75	79
		SUCTION SUPERHEAT (°F)	37	29	22	24	25	27	28	30
		OUTDOOR UNIT CURRENT (A)	6.1	6.8	7.5	8	8.7	9.2	9.9	10.6
		COMPRESSOR CURRENT (A)	4.9	5.6	6.3	6.9	7.5	8.1	8.8	9.4
		INDOOR COIL TEMP DROP (°F)	25	25	26	25	24	23	22	21
80/67	1100	LIQUID PRESSURE (PSIG)	199	236	272	316	359	412	465	517
		LIQUID TEMPERATURE (°F)	58	68	79	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	11	11	10	10	10	10	10	8
		SUCTION PRESSURE (PSIG)	101	111	121	125	130	136	142	147
		SUCTION TEMPERATURE (°F)	70	69	67	68	69	73	76	80
		SUCTION SUPERHEAT (°F)	38	32	26	25	24	25	26	28
		OUTDOOR UNIT CURRENT (A)	6.2	6.9	7.6	8.1	8.8	9.4	10	10.8
		COMPRESSOR CURRENT (A)	5	5.7	6.4	7	7.7	8.3	8.9	9.6
		INDOOR COIL TEMP DROP (°F)	23	23	24	23	22	21	20	19
	1200	LIQUID PRESSURE (PSIG)	199	235	272	315	358	411	463	516
		LIQUID TEMPERATURE (°F)	57	67	78	87	97	107	116	126
		LIQUID SUBCOOLING (°F)	12	12	11	11	11	11	11	10
		SUCTION PRESSURE (PSIG)	109	120	130	136	141	147	153	159
		SUCTION TEMPERATURE (°F)	63	62	61	61	62	65	68	71
		SUCTION SUPERHEAT (°F)	27	21	16	14	12	13	14	15
		OUTDOOR UNIT CURRENT (A)	6.2	6.9	7.5	8.2	8.8	9.6	10.2	10.8
		COMPRESSOR CURRENT (A)	5	5.7	6.4	7	7.7	8.4	9	9.7
		INDOOR COIL TEMP DROP (°F)	20	21	22	21	20	20	19	18
	1300	LIQUID PRESSURE (PSIG)	200	237	273	317	360	413	465	518
		LIQUID TEMPERATURE (°F)	58	68	78	89	99	108	118	128
		LIQUID SUBCOOLING (°F)	11	11	10	10	10	10	9	8
		SUCTION PRESSURE (PSIG)	102	112	123	128	134	139	144	150
		SUCTION TEMPERATURE (°F)	72	71	70	70	70	73	77	80
		SUCTION SUPERHEAT (°F)	39	34	28	26	23	24	26	27
		OUTDOOR UNIT CURRENT (A)	6.2	6.9	7.6	8.2	8.9	9.5	10.2	10.8
		COMPRESSOR CURRENT (A)	5	5.7	6.4	7	7.7	8.4	9.1	9.7
		INDOOR COIL TEMP DROP (°F)	20	21	21	21	20	20	19	18

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THE42B31S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1100	LIQUID PRESSURE (PSIG)	199	237	274	318	362	415	468	521
		LIQUID TEMPERATURE (°F)	57	68	78	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	12	12	11	11	9	10	9	8
		SUCTION PRESSURE (PSIG)	102	113	124	132	141	146	152	158
		SUCTION TEMPERATURE (°F)	73	74	75	74	72	76	79	83
		SUCTION SUPERHEAT (°F)	40	36	32	27	23	24	25	27
		OUTDOOR UNIT CURRENT (A)	6.2	6.8	7.5	8.2	9	9.6	10.4	11.1
		COMPRESSOR CURRENT (A)	5	5.6	6.3	7	7.9	8.5	9.2	10
		INDOOR COIL TEMP DROP (°F)	18	18	19	18	18	17	16	15
	1200	LIQUID PRESSURE (PSIG)	199	237	274	318	361	414	467	520
		LIQUID TEMPERATURE (°F)	56	67	77	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	12	13	12	12	11	11	11	10
		SUCTION PRESSURE (PSIG)	109	121	133	143	152	158	164	170
		SUCTION TEMPERATURE (°F)	65	66	67	66	66	68	71	74
		SUCTION SUPERHEAT (°F)	29	25	20	16	12	12	13	13
		OUTDOOR UNIT CURRENT (A)	6.2	6.9	7.5	8.3	9.1	9.7	10.5	11.1
		COMPRESSOR CURRENT (A)	5	5.7	6.4	7.1	7.9	8.6	9.4	10
		INDOOR COIL TEMP DROP (°F)	16	16	17	17	17	16	15	14
	1300	LIQUID PRESSURE (PSIG)	200	238	275	319	364	417	470	523
		LIQUID TEMPERATURE (°F)	57	68	78	89	99	109	119	128
		LIQUID SUBCOOLING (°F)	12	12	11	11	10	10	9	8
		SUCTION PRESSURE (PSIG)	102	114	125	135	144	150	155	161
		SUCTION TEMPERATURE (°F)	74	75	76	76	76	78	81	84
		SUCTION SUPERHEAT (°F)	41	37	33	29	25	25	26	27
		OUTDOOR UNIT CURRENT (A)	6.2	6.9	7.5	8.2	9	9.7	10.5	11.2
		COMPRESSOR CURRENT (A)	5	5.7	6.3	7.1	7.9	8.6	9.4	10.1
		INDOOR COIL TEMP DROP (°F)	15	16	17	16	16	15	14	14

THE42B31S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1100	LIQUID PRESSURE (PSIG)	385	357	336	298	247	266
		LIQUID TEMPERATURE (°F)	77	69	67	56	52	50
		LIQUID SUBCOOLING (°F)	37	39	37	39	31	37
		SUCTION PRESSURE (PSIG)	127	102	90	77	64	58
		SUCTION TEMPERATURE (°F)	57	44	36	14	13	10
		SUCTION SUPERHEAT (°F)	13	12	10	11	5	3
		OUTDOOR UNIT CURRENT (A)	9.7	9.1	9.5	6.1	6.1	6.1
		COMPRESSOR CURRENT (A)	8.7	8.1	7.5	5.5	4.7	4.7
		INDOOR COIL TEMP RISE (°F)	37	32	28	25	18	18
	1250	LIQUID PRESSURE (PSIG)	367	341	325	286	253	256
		LIQUID TEMPERATURE (°F)	74	67	65	55	51	49
		LIQUID SUBCOOLING (°F)	36	38	37	37	33	36
		SUCTION PRESSURE (PSIG)	126	102	91	77	54	50
		SUCTION TEMPERATURE (°F)	57	44	37	15	4	3
		SUCTION SUPERHEAT (°F)	14	12	10	13	6	8
		OUTDOOR UNIT CURRENT (A)	10.1	9.5	8.5	6.4	6.1	6.1
		COMPRESSOR CURRENT (A)	8.1	7.5	7.5	5.1	4.7	4.7
		INDOOR COIL TEMP RISE (°F)	33	28	25	22	17	16
	1400	LIQUID PRESSURE (PSIG)	349	325	313	274	260	247
		LIQUID TEMPERATURE (°F)	72	66	64	54	50	48
		LIQUID SUBCOOLING (°F)	35	36	35	35	36	35
		SUCTION PRESSURE (PSIG)	126	103	92	77	59	48
		SUCTION TEMPERATURE (°F)	58	44	38	15	8	3
		SUCTION SUPERHEAT (°F)	15	11	11	15	11	11
		OUTDOOR UNIT CURRENT (A)	9.5	8.5	8.9	5.7	6.1	5.4
		COMPRESSOR CURRENT (A)	7.5	7.5	6.9	5.1	4.7	4.7
		INDOOR COIL TEMP RISE (°F)	29	25	23	20	16	14
70	1100	LIQUID PRESSURE (PSIG)	441	411	394	344	311	302
		LIQUID TEMPERATURE (°F)	85	77	75	63	59	57
		LIQUID SUBCOOLING (°F)	39	42	41	42	39	39
		SUCTION PRESSURE (PSIG)	129	104	92	78	55	52
		SUCTION TEMPERATURE (°F)	57	44	37	15	5	2
		SUCTION SUPERHEAT (°F)	12	11	10	13	6	1
		OUTDOOR UNIT CURRENT (A)	10.8	10.2	10.7	7.3	6.9	6.1
		COMPRESSOR CURRENT (A)	9.8	9.2	8.7	5.9	5.5	5.5
		INDOOR COIL TEMP RISE (°F)	37	31	28	25	19	18
	1250	LIQUID PRESSURE (PSIG)	419	393	380	331	309	292
		LIQUID TEMPERATURE (°F)	82	76	73	63	58	57
		LIQUID SUBCOOLING (°F)	38	40	40	40	40	36
		SUCTION PRESSURE (PSIG)	128	104	93	78	57	50
		SUCTION TEMPERATURE (°F)	57	44	38	15	6	2
		SUCTION SUPERHEAT (°F)	13	11	10	13	10	5
		OUTDOOR UNIT CURRENT (A)	11.2	10.7	9.7	6.6	6.9	6.4
		COMPRESSOR CURRENT (A)	9.2	8.7	8.7	5.9	5.5	5.1
		INDOOR COIL TEMP RISE (°F)	33	28	25	22	17	16
	1400	LIQUID PRESSURE (PSIG)	398	375	366	317	307	282
		LIQUID TEMPERATURE (°F)	80	74	72	62	58	56
		LIQUID SUBCOOLING (°F)	36	38	38	37	39	34
		SUCTION PRESSURE (PSIG)	128	104	93	77	60	49
		SUCTION TEMPERATURE (°F)	58	44	38	15	9	2
		SUCTION SUPERHEAT (°F)	14	11	10	13	13	6
		OUTDOOR UNIT CURRENT (A)	10.7	7.2	10.1	6.9	6.9	6.4
		COMPRESSOR CURRENT (A)	8.7	9.2	8.1	5.5	5.5	5.1
		INDOOR COIL TEMP RISE (°F)	29	24	22	19	16	13

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THE42B31S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1100	LIQUID PRESSURE (PSIG)	496	465	453	390	374	339
		LIQUID TEMPERATURE (°F)	93	86	83	71	65	64
		LIQUID SUBCOOLING (°F)	40	42	43	43	46	39
		SUCTION PRESSURE (PSIG)	130	106	94	79	60	52
		SUCTION TEMPERATURE (°F)	57	44	38	15	9	8
		SUCTION SUPERHEAT (°F)	12	10	10	13	15	5
		OUTDOOR UNIT CURRENT (A)	13	11.4	11.8	8.2	7.4	7.3
		COMPRESSOR CURRENT (A)	11	10.4	9.8	6.8	6.8	5.9
		INDOOR COIL TEMP RISE (°F)	36	30	28	24	20	17
	1250	LIQUID PRESSURE (PSIG)	472	446	435	375	364	327
		LIQUID TEMPERATURE (°F)	91	84	82	70	65	64
		LIQUID SUBCOOLING (°F)	38	41	41	41	44	36
		SUCTION PRESSURE (PSIG)	130	105	94	78	62	51
		SUCTION TEMPERATURE (°F)	57	44	38	15	9	8
		SUCTION SUPERHEAT (°F)	12	10	10	13	13	5
		OUTDOOR UNIT CURRENT (A)	12.4	11.8	10.8	7.7	7.7	6.6
		COMPRESSOR CURRENT (A)	10.4	9.8	9.8	6.4	6.4	5.9
		INDOOR COIL TEMP RISE (°F)	32	27	25	21	18	15
	1400	LIQUID PRESSURE (PSIG)	448	426	418	360	355	316
		LIQUID TEMPERATURE (°F)	89	83	80	69	65	64
		LIQUID SUBCOOLING (°F)	36	39	40	39	42	34
		SUCTION PRESSURE (PSIG)	130	105	94	77	62	50
		SUCTION TEMPERATURE (°F)	58	44	38	15	9	7
		SUCTION SUPERHEAT (°F)	13	10	10	13	11	5
		OUTDOOR UNIT CURRENT (A)	11.8	11.2	11.2	7.7	7	6.9
		COMPRESSOR CURRENT (A)	9.8	9.2	9.2	6.4	6.4	5.5
		INDOOR COIL TEMP RISE (°F)	28	24	22	19	15	13

FOR USE WITH MODELS WITH TXV:

THE42B41S

THE42B41S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	195(10)	198(11)	199(12)	199(12)
60	212(10)	215(11)	217(12)	218(12)
65	229(11)	233(11)	235(12)	237(13)
70	246(10)	251(11)	253(11)	255(12)
75	264(10)	269(11)	272(11)	274(12)
80	285(10)	290(11)	293(11)	296(12)
85	307(10)	312(11)	315(11)	318(12)
90	328(10)	333(10)	336(11)	339(11)
95	350(10)	354(10)	358(11)	361(11)
100	377(10)	380(10)	384(11)	387(11)
105	404(11)	407(11)	411(11)	414(11)
110	431(10)	433(10)	437(11)	440(11)
115	458(10)	459(10)	463(11)	467(11)
120	485(9)	485(9)	489(10)	493(10)
125	512(9)	512(9)	516(10)	520(10)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

THE42B41S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1100	LIQUID PRESSURE (PSIG)	197	233	268	311	353	406	458	511
		LIQUID TEMPERATURE (°F)	58	68	78	88	97	107	117	127
		LIQUID SUBCOOLING (°F)	10	11	10	10	9	10	9	8
		SUCTION PRESSURE (PSIG)	99	105	112	116	120	125	131	136
		SUCTION TEMPERATURE (°F)	62	61	59	62	65	69	74	78
		SUCTION SUPERHEAT (°F)	31	26	22	23	24	26	28	30
		OUTDOOR UNIT CURRENT (A)	3.1	3.4	3.7	4	4.3	4.6	4.9	5.2
		COMPRESSOR CURRENT (A)	2.5	2.8	3.1	3.4	3.7	4	4.3	4.6
		INDOOR COIL TEMP DROP (°F)	25	25	24	23	22	21	20	19
	1200	LIQUID PRESSURE (PSIG)	197	233	268	310	353	405	458	510
		LIQUID TEMPERATURE (°F)	57	67	77	87	96	106	116	125
		LIQUID SUBCOOLING (°F)	11	11	11	11	10	11	10	9
		SUCTION PRESSURE (PSIG)	106	114	122	126	130	136	141	147
		SUCTION TEMPERATURE (°F)	57	55	53	56	59	62	66	69
		SUCTION SUPERHEAT (°F)	22	17	11	12	13	15	16	17
		OUTDOOR UNIT CURRENT (A)	3.1	3.5	3.8	4.1	4.3	4.6	4.9	5.2
		COMPRESSOR CURRENT (A)	2.5	2.8	3.1	3.4	3.8	4	4.3	4.6
		INDOOR COIL TEMP DROP (°F)	22	22	22	21	21	20	19	18
	1300	LIQUID PRESSURE (PSIG)	198	234	269	312	355	407	460	513
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	11	11	10	10	9	10	9	8
		SUCTION PRESSURE (PSIG)	100	108	116	119	123	128	134	139
		SUCTION TEMPERATURE (°F)	66	64	61	64	67	70	74	78
		SUCTION SUPERHEAT (°F)	35	28	22	23	24	26	28	29
		OUTDOOR UNIT CURRENT (A)	3.1	3.5	3.8	4.1	4.3	4.7	5	5.2
		COMPRESSOR CURRENT (A)	2.5	2.8	3.1	3.4	3.8	4	4.3	4.6
		INDOOR COIL TEMP DROP (°F)	21	22	22	22	21	20	19	18

Continued on next page.

THE42B41S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	1100	LIQUID PRESSURE (PSIG)	198	234	269	312	355	407	460	512
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	10	11	10	10	9	10	9	8
		SUCTION PRESSURE (PSIG)	99	106	113	117	120	126	131	137
		SUCTION TEMPERATURE (°F)	65	62	60	63	67	71	74	78
		SUCTION SUPERHEAT (°F)	33	28	22	24	26	27	29	30
		OUTDOOR UNIT CURRENT (A)	3.1	3.4	3.7	4	4.3	4.6	4.9	5.2
		COMPRESSOR CURRENT (A)	2.5	2.8	3.1	3.4	3.7	4	4.3	4.6
		INDOOR COIL TEMP DROP (°F)	28	28	28	27	26	25	24	23
	1200	LIQUID PRESSURE (PSIG)	198	233	269	312	354	407	459	512
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	106	116	126
		LIQUID SUBCOOLING (°F)	11	11	11	11	10	11	10	9
		SUCTION PRESSURE (PSIG)	107	115	123	127	130	137	143	149
		SUCTION TEMPERATURE (°F)	59	57	54	57	60	63	67	70
		SUCTION SUPERHEAT (°F)	24	18	12	13	14	15	16	17
		OUTDOOR UNIT CURRENT (A)	3.1	3.4	3.8	4.1	4.3	4.7	4.9	5.2
		COMPRESSOR CURRENT (A)	2.5	2.8	3.1	3.4	3.8	4	4.4	4.6
		INDOOR COIL TEMP DROP (°F)	25	26	26	25	24	23	22	21
	1300	LIQUID PRESSURE (PSIG)	199	235	270	313	356	409	462	514
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	11	11	10	10	9	10	9	8
		SUCTION PRESSURE (PSIG)	101	109	116	120	123	129	135	141
		SUCTION TEMPERATURE (°F)	69	65	61	65	68	72	75	79
		SUCTION SUPERHEAT (°F)	37	29	22	24	25	27	28	30
		OUTDOOR UNIT CURRENT (A)	3.1	3.4	3.8	4	4.4	4.6	5	5.3
		COMPRESSOR CURRENT (A)	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7
		INDOOR COIL TEMP DROP (°F)	25	25	26	25	24	23	22	21
80/67	1100	LIQUID PRESSURE (PSIG)	199	236	272	316	359	412	465	517
		LIQUID TEMPERATURE (°F)	58	68	79	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	11	11	10	10	10	10	10	8
		SUCTION PRESSURE (PSIG)	101	111	121	125	130	136	142	147
		SUCTION TEMPERATURE (°F)	70	69	67	68	69	73	76	80
		SUCTION SUPERHEAT (°F)	38	32	26	25	24	25	26	28
		OUTDOOR UNIT CURRENT (A)	3.1	3.5	3.8	4.1	4.4	4.7	5	5.4
		COMPRESSOR CURRENT (A)	2.5	2.8	3.2	3.5	3.8	4.2	4.5	4.8
		INDOOR COIL TEMP DROP (°F)	23	23	24	23	22	21	20	19
	1200	LIQUID PRESSURE (PSIG)	199	235	272	315	358	411	463	516
		LIQUID TEMPERATURE (°F)	57	67	78	87	97	107	116	126
		LIQUID SUBCOOLING (°F)	12	12	11	11	11	11	11	10
		SUCTION PRESSURE (PSIG)	109	120	130	136	141	147	153	159
		SUCTION TEMPERATURE (°F)	63	62	61	61	62	65	68	71
		SUCTION SUPERHEAT (°F)	27	21	16	14	12	13	14	15
		OUTDOOR UNIT CURRENT (A)	3.1	3.5	3.8	4.1	4.4	4.8	5.1	5.4
		COMPRESSOR CURRENT (A)	2.5	2.9	3.2	3.5	3.9	4.2	4.5	4.8
		INDOOR COIL TEMP DROP (°F)	20	21	22	21	20	20	19	18
	1300	LIQUID PRESSURE (PSIG)	200	237	273	317	360	413	465	518
		LIQUID TEMPERATURE (°F)	58	68	78	89	99	108	118	128
		LIQUID SUBCOOLING (°F)	11	11	10	10	10	10	9	8
		SUCTION PRESSURE (PSIG)	102	112	123	128	134	139	144	150
		SUCTION TEMPERATURE (°F)	72	71	70	70	70	73	77	80
		SUCTION SUPERHEAT (°F)	39	34	28	26	23	24	26	27
		OUTDOOR UNIT CURRENT (A)	3.1	3.5	3.8	4.1	4.5	4.8	5.1	5.4
		COMPRESSOR CURRENT (A)	2.5	2.8	3.2	3.5	3.9	4.2	4.5	4.8
		INDOOR COIL TEMP DROP (°F)	20	21	21	21	20	20	19	18

Continued on next page.

THE42B41S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1100	LIQUID PRESSURE (PSIG)	199	237	274	318	362	415	468	521
		LIQUID TEMPERATURE (°F)	57	68	78	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	12	12	11	11	9	10	9	8
		SUCTION PRESSURE (PSIG)	102	113	124	132	141	146	152	158
		SUCTION TEMPERATURE (°F)	73	74	75	74	72	76	79	83
		SUCTION SUPERHEAT (°F)	40	36	32	27	23	24	25	27
		OUTDOOR UNIT CURRENT (A)	3.1	3.4	3.8	4.1	4.5	4.8	5.2	5.6
		COMPRESSOR CURRENT (A)	2.5	2.8	3.1	3.5	3.9	4.3	4.6	5
		INDOOR COIL TEMP DROP (°F)	18	18	19	18	18	17	16	15
	1200	LIQUID PRESSURE (PSIG)	199	237	274	318	361	414	467	520
		LIQUID TEMPERATURE (°F)	56	67	77	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	12	13	12	12	11	11	11	10
		SUCTION PRESSURE (PSIG)	109	121	133	143	152	158	164	170
		SUCTION TEMPERATURE (°F)	65	66	67	66	66	68	71	74
		SUCTION SUPERHEAT (°F)	29	25	20	16	12	12	13	13
		OUTDOOR UNIT CURRENT (A)	3.1	3.5	3.8	4.2	4.6	4.9	5.3	5.6
		COMPRESSOR CURRENT (A)	2.5	2.8	3.2	3.6	3.9	4.3	4.7	5
		INDOOR COIL TEMP DROP (°F)	16	16	17	17	17	16	15	14
	1300	LIQUID PRESSURE (PSIG)	200	238	275	319	364	417	470	523
		LIQUID TEMPERATURE (°F)	57	68	78	89	99	109	119	128
		LIQUID SUBCOOLING (°F)	12	12	11	11	10	10	9	8
		SUCTION PRESSURE (PSIG)	102	114	125	135	144	150	155	161
		SUCTION TEMPERATURE (°F)	74	75	76	76	76	78	81	84
		SUCTION SUPERHEAT (°F)	41	37	33	29	25	25	26	27
		OUTDOOR UNIT CURRENT (A)	3.1	3.5	3.8	4.1	4.5	4.9	5.3	5.6
		COMPRESSOR CURRENT (A)	2.5	2.8	3.1	3.6	3.9	4.3	4.7	5.1
		INDOOR COIL TEMP DROP (°F)	15	16	17	16	16	15	14	14

THE42B41S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1000	LIQUID PRESSURE (PSIG)	385	357	336	298	247	266
		LIQUID TEMPERATURE (°F)	77	69	67	56	52	50
		LIQUID SUBCOOLING (°F)	37	39	37	39	31	37
		SUCTION PRESSURE (PSIG)	127	102	90	77	64	58
		SUCTION TEMPERATURE (°F)	57	44	36	14	13	10
		SUCTION SUPERHEAT (°F)	13	12	10	11	5	3
		OUTDOOR UNIT CURRENT (A)	4.9	4.6	4.8	3.1	3.1	3.1
		COMPRESSOR CURRENT (A)	4.3	4	3.8	2.8	2.3	2.3
		INDOOR COIL TEMP RISE (°F)	37	32	28	25	18	18
	1250	LIQUID PRESSURE (PSIG)	367	341	325	286	253	256
		LIQUID TEMPERATURE (°F)	74	67	65	55	51	49
		LIQUID SUBCOOLING (°F)	36	38	37	37	33	36
		SUCTION PRESSURE (PSIG)	126	102	91	77	54	50
		SUCTION TEMPERATURE (°F)	57	44	37	15	4	3
		SUCTION SUPERHEAT (°F)	14	12	10	13	6	8
		OUTDOOR UNIT CURRENT (A)	5.1	4.8	4.3	3.2	3.1	3.1
		COMPRESSOR CURRENT (A)	4	3.8	3.8	2.6	2.3	2.3
		INDOOR COIL TEMP RISE (°F)	33	28	25	22	17	16
	1400	LIQUID PRESSURE (PSIG)	349	325	313	274	260	247
		LIQUID TEMPERATURE (°F)	72	66	64	54	50	48
		LIQUID SUBCOOLING (°F)	35	36	35	35	36	35
		SUCTION PRESSURE (PSIG)	126	103	92	77	59	48
		SUCTION TEMPERATURE (°F)	58	44	38	15	8	3
		SUCTION SUPERHEAT (°F)	15	11	11	15	11	11
		OUTDOOR UNIT CURRENT (A)	4.8	4.3	4.5	2.9	3.1	2.7
		COMPRESSOR CURRENT (A)	3.8	3.8	3.5	2.6	2.3	2.3
		INDOOR COIL TEMP RISE (°F)	29	25	23	20	16	14
70	1000	LIQUID PRESSURE (PSIG)	441	411	394	344	311	302
		LIQUID TEMPERATURE (°F)	85	77	75	63	59	57
		LIQUID SUBCOOLING (°F)	39	42	41	42	39	39
		SUCTION PRESSURE (PSIG)	129	104	92	78	55	52
		SUCTION TEMPERATURE (°F)	57	44	37	15	5	2
		SUCTION SUPERHEAT (°F)	12	11	10	13	6	1
		OUTDOOR UNIT CURRENT (A)	5.4	5.1	5.4	3.7	3.5	3.1
		COMPRESSOR CURRENT (A)	4.9	4.6	4.3	3	2.8	2.8
		INDOOR COIL TEMP RISE (°F)	37	31	28	25	19	18
	1250	LIQUID PRESSURE (PSIG)	419	393	380	331	309	292
		LIQUID TEMPERATURE (°F)	82	76	73	63	58	57
		LIQUID SUBCOOLING (°F)	38	40	40	40	40	36
		SUCTION PRESSURE (PSIG)	128	104	93	78	57	50
		SUCTION TEMPERATURE (°F)	57	44	38	15	6	2
		SUCTION SUPERHEAT (°F)	13	11	10	13	10	5
		OUTDOOR UNIT CURRENT (A)	5.6	5.4	4.9	3.3	3.5	3.2
		COMPRESSOR CURRENT (A)	4.6	4.3	4.3	3	2.8	2.6
		INDOOR COIL TEMP RISE (°F)	33	28	25	22	17	16
	1400	LIQUID PRESSURE (PSIG)	398	375	366	317	307	282
		LIQUID TEMPERATURE (°F)	80	74	72	62	58	56
		LIQUID SUBCOOLING (°F)	36	38	38	37	39	34
		SUCTION PRESSURE (PSIG)	128	104	93	77	60	49
		SUCTION TEMPERATURE (°F)	58	44	38	15	9	2
		SUCTION SUPERHEAT (°F)	14	11	10	13	13	6
		OUTDOOR UNIT CURRENT (A)	5.4	3.6	5.1	3.5	3.5	3.2
		COMPRESSOR CURRENT (A)	4.3	4.6	4	2.8	2.8	2.6
		INDOOR COIL TEMP RISE (°F)	29	24	22	19	16	13

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THE42B41S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1000	LIQUID PRESSURE (PSIG)	496	465	453	390	374	339
		LIQUID TEMPERATURE (°F)	93	86	83	71	65	64
		LIQUID SUBCOOLING (°F)	40	42	43	43	46	39
		SUCTION PRESSURE (PSIG)	130	106	94	79	60	52
		SUCTION TEMPERATURE (°F)	57	44	38	15	9	8
		SUCTION SUPERHEAT (°F)	12	10	10	13	15	5
		OUTDOOR UNIT CURRENT (A)	6.5	5.7	5.9	4.1	3.7	3.7
		COMPRESSOR CURRENT (A)	5.5	5.2	4.9	3.4	3.4	3
		INDOOR COIL TEMP RISE (°F)	36	30	28	24	20	17
	1250	LIQUID PRESSURE (PSIG)	472	446	435	375	364	327
		LIQUID TEMPERATURE (°F)	91	84	82	70	65	64
		LIQUID SUBCOOLING (°F)	38	41	41	41	44	36
		SUCTION PRESSURE (PSIG)	130	105	94	78	62	51
		SUCTION TEMPERATURE (°F)	57	44	38	15	9	8
		SUCTION SUPERHEAT (°F)	12	10	10	13	13	5
		OUTDOOR UNIT CURRENT (A)	6.2	5.9	5.4	3.9	3.9	3.3
		COMPRESSOR CURRENT (A)	5.2	4.9	4.9	3.2	3.2	3
		INDOOR COIL TEMP RISE (°F)	32	27	25	21	18	15
	1400	LIQUID PRESSURE (PSIG)	448	426	418	360	355	316
		LIQUID TEMPERATURE (°F)	89	83	80	69	65	64
		LIQUID SUBCOOLING (°F)	36	39	40	39	42	34
		SUCTION PRESSURE (PSIG)	130	105	94	77	62	50
		SUCTION TEMPERATURE (°F)	58	44	38	15	9	7
		SUCTION SUPERHEAT (°F)	13	10	10	13	11	5
		OUTDOOR UNIT CURRENT (A)	5.9	5.6	5.6	3.9	3.5	3.5
		COMPRESSOR CURRENT (A)	4.9	4.6	4.6	3.2	3.2	2.8
		INDOOR COIL TEMP RISE (°F)	28	24	22	19	15	13

FOR USE WITH MODELS WITH TXV:

THE42B32S

THE42B32S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	206 (13)	207 (13)	209 (13)	210 (14)
60	226 (14)	226 (13)	228 (14)	230 (14)
65	246 (14)	245 (14)	248 (14)	250 (14)
70	266 (14)	264 (14)	267 (14)	269 (14)
75	285 (14)	283 (14)	286 (14)	289 (14)
80	311 (15)	309 (14)	312 (14)	314 (14)
85	336 (15)	334 (15)	337 (15)	339 (15)
90	362 (15)	360 (15)	362 (15)	364 (15)
95	387 (15)	385 (16)	387 (16)	389 (16)
100	420 (16)	418 (16)	420 (16)	422 (16)
105	454 (17)	451 (17)	453 (17)	455 (17)
110	487 (17)	484 (17)	486 (17)	488 (17)
115	520 (18)	517 (17)	519 (18)	521 (18)
120	553 (19)	549 (18)	552 (18)	554 (18)
125	586 (19)	582 (18)	585 (19)	587 (19)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

THE42B32S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1150	LIQUID PRESSURE (PSIG)	206	245	284	335	385	451	517	583
		LIQUID TEMPERATURE (°F)	58	68	77	87	97	107	117	126
		LIQUID SUBCOOLING (°F)	13	13	14	15	15	16	17	18
		SUCTION PRESSURE (PSIG)	118	119	120	123	126	128	131	134
		SUCTION TEMPERATURE (°F)	56	56	56	57	59	60	62	64
		SUCTION SUPERHEAT (°F)	18	17	16	16	16	17	17	18
		OUTDOOR UNIT CURRENT (A)	5.8	6.4	7	7.9	8.7	10	11.3	12.7
		COMPRESSOR CURRENT (A)	4	4.6	5.2	6.1	6.9	8.3	9.5	10.9
		INDOOR COIL TEMP DROP (°F)	23	22	22	21	20	19	18	17
	1400	LIQUID PRESSURE (PSIG)	207	246	285	335	385	451	517	583
		LIQUID TEMPERATURE (°F)	58	68	78	88	97	107	117	126
		LIQUID SUBCOOLING (°F)	13	13	14	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	121	123	125	127	130	133	135	138
		SUCTION TEMPERATURE (°F)	59	59	58	59	61	62	64	65
		SUCTION SUPERHEAT (°F)	20	18	16	16	16	16	17	17
		OUTDOOR UNIT CURRENT (A)	5.8	6.4	7	7.9	8.6	10	11.3	12.7
		COMPRESSOR CURRENT (A)	4	4.6	5.2	6.1	6.9	8.2	9.5	10.9
		INDOOR COIL TEMP DROP (°F)	21	20	20	19	19	18	17	16
	1650	LIQUID PRESSURE (PSIG)	207	246	285	335	385	451	518	584
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	125	128	130	132	134	137	139	142
		SUCTION TEMPERATURE (°F)	62	61	60	61	62	64	65	67
		SUCTION SUPERHEAT (°F)	22	19	15	15	15	16	16	17
		OUTDOOR UNIT CURRENT (A)	5.8	6.4	7	7.9	8.7	10	11.3	12.6
		COMPRESSOR CURRENT (A)	4	4.6	5.3	6.1	6.9	8.2	9.5	10.9
		INDOOR COIL TEMP DROP (°F)	19	18	18	18	17	16	15	14

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THE42B32S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
80/62	1150	LIQUID PRESSURE (PSIG)	206	244	283	334	384	450	515	581
		LIQUID TEMPERATURE (°F)	58	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	13	13	14	15	15	16	17	18
		SUCTION PRESSURE (PSIG)	118	119	120	123	126	129	132	135
		SUCTION TEMPERATURE (°F)	57	56	55	56	57	59	62	64
		SUCTION SUPERHEAT (°F)	19	17	14	14	13	14	16	17
		OUTDOOR UNIT CURRENT (A)	5.8	6.3	7	7.9	8.7	10	11.2	12.6
		COMPRESSOR CURRENT (A)	4	4.6	5.2	6.1	6.9	8.2	9.5	10.8
		INDOOR COIL TEMP DROP (°F)	27	26	25	25	24	23	22	21
	1400	LIQUID PRESSURE (PSIG)	206	244	283	334	385	450	516	582
		LIQUID TEMPERATURE (°F)	58	68	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	13	13	14	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	122	124	125	128	130	134	138	141
		SUCTION TEMPERATURE (°F)	60	59	58	60	61	63	64	66
		SUCTION SUPERHEAT (°F)	21	18	16	16	15	16	16	17
		OUTDOOR UNIT CURRENT (A)	5.8	6.4	7	7.8	8.6	10	11.2	12.6
		COMPRESSOR CURRENT (A)	4	4.6	5.2	6.1	6.9	8.2	9.5	10.8
		INDOOR COIL TEMP DROP (°F)	25	24	23	23	23	21	20	19
	1650	LIQUID PRESSURE (PSIG)	207	244	282	334	385	451	517	582
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	126	128	130	132	134	139	143	147
		SUCTION TEMPERATURE (°F)	63	62	62	63	64	66	67	69
		SUCTION SUPERHEAT (°F)	23	20	17	18	18	18	17	17
		OUTDOOR UNIT CURRENT (A)	5.8	6.4	6.9	7.8	8.6	10	11.2	12.6
		COMPRESSOR CURRENT (A)	4	4.6	5.1	6	6.9	8.2	9.5	10.8
		INDOOR COIL TEMP DROP (°F)	22	22	22	21	21	19	18	16
80/67	1150	LIQUID PRESSURE (PSIG)	208	247	285	336	386	453	519	585
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	128	131	133	136	138	141	144	146
		SUCTION TEMPERATURE (°F)	64	63	62	64	65	66	68	69
		SUCTION SUPERHEAT (°F)	23	19	16	16	17	17	17	17
		OUTDOOR UNIT CURRENT (A)	5.7	6.4	7	7.9	8.7	10	11.3	12.7
		COMPRESSOR CURRENT (A)	4	4.6	5.3	6.1	6.9	8.2	9.5	10.9
		INDOOR COIL TEMP DROP (°F)	22	22	22	21	21	20	19	18
	1400	LIQUID PRESSURE (PSIG)	208	247	286	336	387	453	519	585
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	132	135	137	140	142	145	147	150
		SUCTION TEMPERATURE (°F)	67	66	65	66	67	68	69	70
		SUCTION SUPERHEAT (°F)	24	20	17	17	17	17	17	17
		OUTDOOR UNIT CURRENT (A)	5.7	6.4	7	7.9	8.7	10	11.2	12.6
		COMPRESSOR CURRENT (A)	4	4.6	5.3	6.1	6.9	8.2	9.5	10.8
		INDOOR COIL TEMP DROP (°F)	20	20	20	19	19	18	17	16
	1650	LIQUID PRESSURE (PSIG)	209	247	286	337	387	453	518	584
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	135	138	141	144	146	148	151	154
		SUCTION TEMPERATURE (°F)	70	68	67	68	68	69	70	71
		SUCTION SUPERHEAT (°F)	26	22	17	17	17	17	16	16
		OUTDOOR UNIT CURRENT (A)	5.7	6.4	7	7.9	8.7	10	11.3	12.6
		COMPRESSOR CURRENT (A)	4	4.6	5.2	6.1	6.9	8.2	9.5	10.8
		INDOOR COIL TEMP DROP (°F)	18	18	18	18	17	17	16	15

Continued on next page.

THE42B32S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1150	LIQUID PRESSURE (PSIG)	209	249	288	338	388	454	520	586
		LIQUID TEMPERATURE (°F)	58	69	79	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	138	142	145	148	150	153	157	160
		SUCTION TEMPERATURE (°F)	70	70	69	70	70	72	73	74
		SUCTION SUPERHEAT (°F)	26	22	18	18	17	17	17	17
		OUTDOOR UNIT CURRENT (A)	5.7	6.4	7.1	7.9	8.7	10	11.2	12.6
		COMPRESSOR CURRENT (A)	4	4.6	5.3	6.1	6.9	8.2	9.5	10.8
		INDOOR COIL TEMP DROP (°F)	18	18	17	17	16	15	15	14
	1400	LIQUID PRESSURE (PSIG)	210	249	288	339	389	455	521	587
		LIQUID TEMPERATURE (°F)	59	69	79	89	98	108	118	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	141	145	149	151	154	157	160	163
		SUCTION TEMPERATURE (°F)	73	72	71	72	72	73	75	76
		SUCTION SUPERHEAT (°F)	29	24	20	18	17	17	18	18
		OUTDOOR UNIT CURRENT (A)	5.8	6.4	7.1	7.9	8.7	10	11.2	12.6
		COMPRESSOR CURRENT (A)	4	4.6	5.3	6.1	6.9	8.2	9.5	10.8
		INDOOR COIL TEMP DROP (°F)	16	16	16	15	15	14	13	13
	1650	LIQUID PRESSURE (PSIG)	210	250	289	339	389	455	521	588
		LIQUID TEMPERATURE (°F)	59	69	79	89	98	108	118	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	144	148	152	155	157	160	163	166
		SUCTION TEMPERATURE (°F)	77	75	74	74	74	75	77	78
		SUCTION SUPERHEAT (°F)	31	26	21	19	18	18	19	19
		OUTDOOR UNIT CURRENT (A)	5.8	6.4	7.1	7.9	8.7	10	11.2	12.6
		COMPRESSOR CURRENT (A)	4	4.6	5.3	6.1	6.9	8.2	9.5	10.8
		INDOOR COIL TEMP DROP (°F)	14	14	14	13	13	13	12	12

THE42B32S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1150	LIQUID PRESSURE (PSIG)	401	362	331	305	260	241
		LIQUID TEMPERATURE (°F)	68	66	65	64	64	65
		LIQUID SUBCOOLING (°F)	49	43	38	33	22	17
		SUCTION PRESSURE (PSIG)	112	98	86	76	58	51
		SUCTION TEMPERATURE (°F)	64	50	42	17	7	1
		SUCTION SUPERHEAT (°F)	26	19	17	1	1	1
		OUTDOOR UNIT CURRENT (A)	9.1	8.7	8	7	6.6	7
		COMPRESSOR CURRENT (A)	8.1	6.7	6.1	6.1	5.2	4.6
		INDOOR COIL TEMP RISE (°F)	38	33	30	27	21	17
	1400	LIQUID PRESSURE (PSIG)	375	342	315	292	252	233
		LIQUID TEMPERATURE (°F)	65	63	62	61	61	62
		LIQUID SUBCOOLING (°F)	47	41	37	32	22	17
		SUCTION PRESSURE (PSIG)	107	94	84	74	58	50
		SUCTION TEMPERATURE (°F)	64	51	42	18	7	1
		SUCTION SUPERHEAT (°F)	28	21	19	1	1	1
		OUTDOOR UNIT CURRENT (A)	8.2	8	7.5	7.5	7	5.9
		COMPRESSOR CURRENT (A)	7.3	6.1	5.5	5.5	4.6	4.6
		INDOOR COIL TEMP RISE (°F)	31	28	25	22	17	14
	1650	LIQUID PRESSURE (PSIG)	350	322	300	280	244	226
		LIQUID TEMPERATURE (°F)	63	61	60	59	59	60
		LIQUID SUBCOOLING (°F)	45	40	36	32	22	17
		SUCTION PRESSURE (PSIG)	102	90	82	72	58	50
		SUCTION TEMPERATURE (°F)	64	52	43	20	7	1
		SUCTION SUPERHEAT (°F)	31	24	21	4	1	1
		OUTDOOR UNIT CURRENT (A)	8.6	8.1	7.8	7.6	7.2	6.9
		COMPRESSOR CURRENT (A)	6.8	6.4	5.9	5.7	4.9	4.6
		INDOOR COIL TEMP RISE (°F)	25	22	21	18	15	13
70	1150	LIQUID PRESSURE (PSIG)	453	407	376	336	295	277
		LIQUID TEMPERATURE (°F)	78	76	75	74	75	77
		LIQUID SUBCOOLING (°F)	48	41	37	30	19	14
		SUCTION PRESSURE (PSIG)	116	101	88	74	59	51
		SUCTION TEMPERATURE (°F)	64	50	35	16	7	1
		SUCTION SUPERHEAT (°F)	24	17	10	1	1	1
		OUTDOOR UNIT CURRENT (A)	10.4	9.2	8.7	8	7.2	7.6
		COMPRESSOR CURRENT (A)	8.5	7.3	6.7	6.1	5.8	5.2
		INDOOR COIL TEMP RISE (°F)	38	32	29	25	20	16
	1400	LIQUID PRESSURE (PSIG)	426	387	358	325	286	268
		LIQUID TEMPERATURE (°F)	75	72	72	71	72	73
		LIQUID SUBCOOLING (°F)	46	38	36	29	19	15
		SUCTION PRESSURE (PSIG)	112	97	86	73	58	51
		SUCTION TEMPERATURE (°F)	64	50	37	16	7	1
		SUCTION SUPERHEAT (°F)	26	19	13	1	1	1
		OUTDOOR UNIT CURRENT (A)	9.9	8.7	8	8	7.6	6.6
		COMPRESSOR CURRENT (A)	7.9	6.7	6.1	6.1	5.2	5.2
		INDOOR COIL TEMP RISE (°F)	31	28	25	21	16	14
	1650	LIQUID PRESSURE (PSIG)	399	367	342	315	277	260
		LIQUID TEMPERATURE (°F)	72	70	70	69	69	71
		LIQUID SUBCOOLING (°F)	44	39	35	30	20	15
		SUCTION PRESSURE (PSIG)	107	95	84	73	58	51
		SUCTION TEMPERATURE (°F)	64	51	39	18	7	1
		SUCTION SUPERHEAT (°F)	28	22	16	1	1	1
		OUTDOOR UNIT CURRENT (A)	9.2	8.7	7.6	8	7.6	6.6
		COMPRESSOR CURRENT (A)	7.3	6.7	6.7	6.1	5.2	5.2
		INDOOR COIL TEMP RISE (°F)	25	22	20	17	14	12

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THE42B32S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1150	LIQUID PRESSURE (PSIG)	504	453	421	368	330	313
		LIQUID TEMPERATURE (°F)	88	86	85	84	86	89
		LIQUID SUBCOOLING (°F)	47	40	36	27	17	11
		SUCTION PRESSURE (PSIG)	121	104	90	72	60	52
		SUCTION TEMPERATURE (°F)	65	50	29	15	8	1
		SUCTION SUPERHEAT (°F)	23	16	3	1	1	1
		OUTDOOR UNIT CURRENT (A)	11.6	10.6	10.1	9.4	8.8	8.4
		COMPRESSOR CURRENT (A)	9.9	8.8	8.2	7.2	6.4	6.1
		INDOOR COIL TEMP RISE (°F)	38	33	29	24	19	17
	1400	LIQUID PRESSURE (PSIG)	477	432	402	359	320	304
		LIQUID TEMPERATURE (°F)	85	83	82	81	83	85
		LIQUID SUBCOOLING (°F)	45	39	35	27	17	12
		SUCTION PRESSURE (PSIG)	117	101	88	73	59	52
		SUCTION TEMPERATURE (°F)	65	50	32	15	8	1
		SUCTION SUPERHEAT (°F)	24	18	7	1	1	1
		OUTDOOR UNIT CURRENT (A)	11.1	9.9	9.2	8.7	8.2	8.2
		COMPRESSOR CURRENT (A)	9.2	7.9	7.3	6.7	5.8	5.8
		INDOOR COIL TEMP RISE (°F)	31	28	25	20	16	14
	1650	LIQUID PRESSURE (PSIG)	449	412	384	351	310	295
		LIQUID TEMPERATURE (°F)	82	80	80	79	80	82
		LIQUID SUBCOOLING (°F)	44	39	34	28	18	13
		SUCTION PRESSURE (PSIG)	113	99	87	74	59	52
		SUCTION TEMPERATURE (°F)	65	51	36	16	8	1
		SUCTION SUPERHEAT (°F)	26	20	11	1	1	1
		OUTDOOR UNIT CURRENT (A)	10.5	9.8	9.4	9	8.3	8.1
		COMPRESSOR CURRENT (A)	8.8	8	7.5	6.9	6	5.8
		INDOOR COIL TEMP RISE (°F)	25	23	20	17	14	12

FOR USE WITH MODELS WITH TXV:

THE42B42S

THE42B42S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	206 (13)	207 (13)	209 (13)	210 (14)
60	226 (14)	226 (13)	228 (14)	230 (14)
65	246 (14)	245 (14)	248 (14)	250 (14)
70	266 (14)	264 (14)	267 (14)	269 (14)
75	285 (14)	283 (14)	286 (14)	289 (14)
80	311 (15)	309 (14)	312 (14)	314 (14)
85	336 (15)	334 (15)	337 (15)	339 (15)
90	362 (15)	360 (15)	362 (15)	364 (15)
95	387 (15)	385 (16)	387 (16)	389 (16)
100	420 (16)	418 (16)	420 (16)	422 (16)
105	454 (17)	451 (17)	453 (17)	455 (17)
110	487 (17)	484 (17)	486 (17)	488 (17)
115	520 (18)	517 (17)	519 (18)	521 (18)
120	553 (19)	549 (18)	552 (18)	554 (18)
125	586 (19)	582 (18)	585 (19)	587 (19)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

THE42B42S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1150	LIQUID PRESSURE (PSIG)	208	247	286	337	388	454	521	587
		LIQUID TEMPERATURE (°F)	58	68	77	87	97	107	117	126
		LIQUID SUBCOOLING (°F)	13	14	14	15	16	17	18	19
		SUCTION PRESSURE (PSIG)	118	120	121	123	126	129	132	135
		SUCTION TEMPERATURE (°F)	50	50	50	51	52	53	55	56
		SUCTION SUPERHEAT (°F)	9	9	8	8	8	9	9	9
		OUTDOOR UNIT CURRENT (A)	2.9	3.2	3.5	3.9	4.3	5	5.7	6.3
		COMPRESSOR CURRENT (A)	2	2.3	2.6	3.1	3.5	4.2	4.8	5.5
		INDOOR COIL TEMP DROP (°F)	24	24	23	22	22	21	20	18
	1400	LIQUID PRESSURE (PSIG)	208	247	287	337	388	455	521	588
		LIQUID TEMPERATURE (°F)	58	68	78	88	97	107	117	126
		LIQUID SUBCOOLING (°F)	13	14	14	15	16	17	18	19
		SUCTION PRESSURE (PSIG)	122	124	126	128	131	133	136	138
		SUCTION TEMPERATURE (°F)	52	52	52	53	54	55	56	58
		SUCTION SUPERHEAT (°F)	10	9	8	8	8	9	9	9
		OUTDOOR UNIT CURRENT (A)	2.9	3.2	3.5	3.9	4.3	5	5.6	6.3
		COMPRESSOR CURRENT (A)	2	2.3	2.6	3.1	3.5	4.1	4.8	5.5
		INDOOR COIL TEMP DROP (°F)	22	22	21	21	20	19	18	17
	1650	LIQUID PRESSURE (PSIG)	209	248	287	338	388	455	521	588
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	126
		LIQUID SUBCOOLING (°F)	13	14	14	15	16	17	18	19
		SUCTION PRESSURE (PSIG)	126	128	131	133	135	137	140	142
		SUCTION TEMPERATURE (°F)	55	54	53	54	55	56	58	59
		SUCTION SUPERHEAT (°F)	11	10	8	8	8	8	9	9
		OUTDOOR UNIT CURRENT (A)	2.9	3.2	3.5	3.9	4.3	5	5.6	6.3
		COMPRESSOR CURRENT (A)	2	2.3	2.6	3.1	3.5	4.1	4.8	5.5
		INDOOR COIL TEMP DROP (°F)	20	20	19	19	18	17	16	15

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THE42B42S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	1150	LIQUID PRESSURE (PSIG)	207	246	285	336	387	453	519	585
		LIQUID TEMPERATURE (°F)	58	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	13	14	14	15	16	17	18	19
		SUCTION PRESSURE (PSIG)	119	120	121	124	127	130	133	136
		SUCTION TEMPERATURE (°F)	50	49	49	50	51	53	54	56
		SUCTION SUPERHEAT (°F)	10	9	7	7	7	8	8	9
		OUTDOOR UNIT CURRENT (A)	2.9	3.2	3.5	3.9	4.3	5	5.6	6.3
		COMPRESSOR CURRENT (A)	2	2.3	2.6	3.1	3.5	4.1	4.8	5.4
		INDOOR COIL TEMP DROP (°F)	29	28	27	26	26	25	24	22
	1400	LIQUID PRESSURE (PSIG)	208	246	285	336	388	454	520	586
		LIQUID TEMPERATURE (°F)	58	68	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	13	14	14	15	16	17	18	19
		SUCTION PRESSURE (PSIG)	122	124	126	128	131	135	138	142
		SUCTION TEMPERATURE (°F)	53	52	52	53	54	55	57	59
		SUCTION SUPERHEAT (°F)	11	10	8	8	8	8	9	9
		OUTDOOR UNIT CURRENT (A)	2.9	3.2	3.5	3.9	4.3	5	5.6	6.3
		COMPRESSOR CURRENT (A)	2	2.3	2.6	3	3.5	4.1	4.8	5.4
		INDOOR COIL TEMP DROP (°F)	26	26	25	24	24	23	21	20
	1650	LIQUID PRESSURE (PSIG)	208	246	285	336	388	454	521	587
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	13	13	14	15	16	17	18	18
		SUCTION PRESSURE (PSIG)	126	129	131	133	135	139	144	148
		SUCTION TEMPERATURE (°F)	56	55	55	56	56	58	60	61
		SUCTION SUPERHEAT (°F)	12	11	9	9	9	9	9	9
		OUTDOOR UNIT CURRENT (A)	2.9	3.2	3.5	3.9	4.3	5	5.6	6.3
		COMPRESSOR CURRENT (A)	2	2.3	2.6	3	3.5	4.1	4.8	5.4
		INDOOR COIL TEMP DROP (°F)	24	23	23	23	22	21	19	18
80/67	1150	LIQUID PRESSURE (PSIG)	209	249	288	338	389	456	523	590
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	13	14	14	15	16	17	18	19
		SUCTION PRESSURE (PSIG)	128	131	134	137	139	142	144	147
		SUCTION TEMPERATURE (°F)	56	56	55	56	57	59	60	61
		SUCTION SUPERHEAT (°F)	12	10	8	8	9	9	9	9
		OUTDOOR UNIT CURRENT (A)	2.9	3.2	3.5	3.9	4.3	5	5.6	6.3
		COMPRESSOR CURRENT (A)	2	2.3	2.6	3.1	3.5	4.1	4.8	5.5
		INDOOR COIL TEMP DROP (°F)	24	24	23	23	22	21	20	19
	1400	LIQUID PRESSURE (PSIG)	210	249	288	339	390	456	523	589
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	13	14	14	15	16	17	18	19
		SUCTION PRESSURE (PSIG)	132	135	138	140	143	145	148	151
		SUCTION TEMPERATURE (°F)	59	58	57	58	59	60	61	62
		SUCTION SUPERHEAT (°F)	13	11	9	9	9	9	9	9
		OUTDOOR UNIT CURRENT (A)	2.9	3.2	3.5	3.9	4.3	5	5.6	6.3
		COMPRESSOR CURRENT (A)	2	2.3	2.6	3.1	3.5	4.1	4.8	5.5
		INDOOR COIL TEMP DROP (°F)	22	21	21	21	20	19	18	18
	1650	LIQUID PRESSURE (PSIG)	210	249	288	339	390	456	522	588
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	13	14	14	15	16	17	18	19
		SUCTION PRESSURE (PSIG)	136	139	142	144	146	149	152	155
		SUCTION TEMPERATURE (°F)	62	60	59	60	61	61	62	63
		SUCTION SUPERHEAT (°F)	14	11	9	9	9	9	8	8
		OUTDOOR UNIT CURRENT (A)	2.9	3.2	3.5	3.9	4.3	5	5.6	6.3
		COMPRESSOR CURRENT (A)	2	2.3	2.6	3.1	3.5	4.1	4.8	5.4
		INDOOR COIL TEMP DROP (°F)	20	19	19	19	18	18	17	16

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THE42B42S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1150	LIQUID PRESSURE (PSIG)	211	250	290	341	391	458	524	591
		LIQUID TEMPERATURE (°F)	58	68	79	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	13	14	14	15	16	17	18	19
		SUCTION PRESSURE (PSIG)	139	142	146	148	151	154	157	161
		SUCTION TEMPERATURE (°F)	62	62	61	62	62	63	65	66
		SUCTION SUPERHEAT (°F)	14	12	10	9	9	9	9	9
		OUTDOOR UNIT CURRENT (A)	2.9	3.2	3.5	3.9	4.3	5	5.6	6.3
		COMPRESSOR CURRENT (A)	2	2.3	2.7	3.1	3.5	4.1	4.8	5.5
		INDOOR COIL TEMP DROP (°F)	19	19	18	18	17	16	16	15
	1400	LIQUID PRESSURE (PSIG)	211	251	291	341	391	458	525	591
		LIQUID TEMPERATURE (°F)	59	69	79	89	98	108	118	127
		LIQUID SUBCOOLING (°F)	14	14	14	15	16	17	18	19
		SUCTION PRESSURE (PSIG)	142	146	150	152	155	158	161	164
		SUCTION TEMPERATURE (°F)	65	64	63	63	64	65	66	67
		SUCTION SUPERHEAT (°F)	15	13	10	10	9	9	9	9
		OUTDOOR UNIT CURRENT (A)	2.9	3.2	3.5	3.9	4.3	5	5.6	6.3
		COMPRESSOR CURRENT (A)	2	2.3	2.7	3.1	3.5	4.1	4.8	5.5
		INDOOR COIL TEMP DROP (°F)	17	17	17	16	16	15	14	14
	1650	LIQUID PRESSURE (PSIG)	212	252	291	342	392	459	525	592
		LIQUID TEMPERATURE (°F)	59	69	79	89	98	108	118	127
		LIQUID SUBCOOLING (°F)	14	14	14	15	16	17	18	19
		SUCTION PRESSURE (PSIG)	145	149	153	156	158	161	164	166
		SUCTION TEMPERATURE (°F)	68	66	65	65	65	67	68	69
		SUCTION SUPERHEAT (°F)	17	14	11	10	9	10	10	10
		OUTDOOR UNIT CURRENT (A)	2.9	3.2	3.5	3.9	4.3	5	5.6	6.3
		COMPRESSOR CURRENT (A)	2	2.3	2.7	3.1	3.5	4.1	4.8	5.5
		INDOOR COIL TEMP DROP (°F)	15	15	15	14	14	13	13	12

THE42B42S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1150	LIQUID PRESSURE (PSIG)	401	362	331	305	260	241
		LIQUID TEMPERATURE (°F)	68	66	65	64	64	65
		LIQUID SUBCOOLING (°F)	49	43	38	33	22	17
		SUCTION PRESSURE (PSIG)	112	98	86	76	58	51
		SUCTION TEMPERATURE (°F)	64	50	42	17	7	1
		SUCTION SUPERHEAT (°F)	26	19	17	1	1	1
		OUTDOOR UNIT CURRENT (A)	4.6	4.4	4	3.5	3.3	3.5
		COMPRESSOR CURRENT (A)	4	3.3	3.1	3.1	2.6	2.3
		INDOOR COIL TEMP RISE (°F)	38	33	30	27	21	17
	1400	LIQUID PRESSURE (PSIG)	375	342	315	292	252	233
		LIQUID TEMPERATURE (°F)	65	63	62	61	61	62
		LIQUID SUBCOOLING (°F)	47	41	37	32	22	17
		SUCTION PRESSURE (PSIG)	107	94	84	74	58	50
		SUCTION TEMPERATURE (°F)	64	51	42	18	7	1
		SUCTION SUPERHEAT (°F)	28	21	19	1	1	1
		OUTDOOR UNIT CURRENT (A)	4.1	4	3.8	3.8	3.5	3
		COMPRESSOR CURRENT (A)	3.7	3.1	2.7	2.7	2.3	2.3
		INDOOR COIL TEMP RISE (°F)	31	28	25	22	17	14
	1650	LIQUID PRESSURE (PSIG)	350	322	300	280	244	226
		LIQUID TEMPERATURE (°F)	63	61	60	59	59	60
		LIQUID SUBCOOLING (°F)	45	40	36	32	22	17
		SUCTION PRESSURE (PSIG)	102	90	82	72	58	50
		SUCTION TEMPERATURE (°F)	64	52	43	20	7	1
		SUCTION SUPERHEAT (°F)	31	24	21	4	1	1
		OUTDOOR UNIT CURRENT (A)	4.3	4.1	3.9	3.8	3.6	3.5
		COMPRESSOR CURRENT (A)	3.4	3.2	3	2.8	2.5	2.3
		INDOOR COIL TEMP RISE (°F)	25	22	21	18	15	13
70	1150	LIQUID PRESSURE (PSIG)	453	407	376	336	295	277
		LIQUID TEMPERATURE (°F)	78	76	75	74	75	77
		LIQUID SUBCOOLING (°F)	48	41	37	30	19	14
		SUCTION PRESSURE (PSIG)	116	101	88	74	59	51
		SUCTION TEMPERATURE (°F)	64	50	35	16	7	1
		SUCTION SUPERHEAT (°F)	24	17	10	1	1	1
		OUTDOOR UNIT CURRENT (A)	5.2	4.6	4.4	4	3.6	3.8
		COMPRESSOR CURRENT (A)	4.3	3.7	3.3	3.1	2.9	2.6
		INDOOR COIL TEMP RISE (°F)	38	32	29	25	20	16
	1400	LIQUID PRESSURE (PSIG)	426	387	358	325	286	268
		LIQUID TEMPERATURE (°F)	75	72	72	71	72	73
		LIQUID SUBCOOLING (°F)	46	38	36	29	19	15
		SUCTION PRESSURE (PSIG)	112	97	86	73	58	51
		SUCTION TEMPERATURE (°F)	64	50	37	16	7	1
		SUCTION SUPERHEAT (°F)	26	19	13	1	1	1
		OUTDOOR UNIT CURRENT (A)	5	4.4	4	4	3.8	3.3
		COMPRESSOR CURRENT (A)	4	3.3	3.1	3.1	2.6	2.6
		INDOOR COIL TEMP RISE (°F)	31	28	25	21	16	14
	1650	LIQUID PRESSURE (PSIG)	399	367	342	315	277	260
		LIQUID TEMPERATURE (°F)	72	70	70	69	69	71
		LIQUID SUBCOOLING (°F)	44	39	35	30	20	15
		SUCTION PRESSURE (PSIG)	107	95	84	73	58	51
		SUCTION TEMPERATURE (°F)	64	51	39	18	7	1
		SUCTION SUPERHEAT (°F)	28	22	16	1	1	1
		OUTDOOR UNIT CURRENT (A)	4.6	4.4	3.8	4	3.8	3.3
		COMPRESSOR CURRENT (A)	3.7	3.3	3.3	3.1	2.6	2.6
		INDOOR COIL TEMP RISE (°F)	25	22	20	17	14	12

Continued on next page.

THE42B42S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1150	LIQUID PRESSURE (PSIG)	504	453	421	368	330	313
		LIQUID TEMPERATURE (°F)	88	86	85	84	86	89
		LIQUID SUBCOOLING (°F)	47	40	36	27	17	11
		SUCTION PRESSURE (PSIG)	121	104	90	72	60	52
		SUCTION TEMPERATURE (°F)	65	50	29	15	8	1
		SUCTION SUPERHEAT (°F)	23	16	3	1	1	1
		OUTDOOR UNIT CURRENT (A)	5.8	5.3	5.1	4.7	4.4	4.2
		COMPRESSOR CURRENT (A)	5	4.4	4.1	3.6	3.2	3.1
		INDOOR COIL TEMP RISE (°F)	38	33	29	24	19	17
	1400	LIQUID PRESSURE (PSIG)	477	432	402	359	320	304
		LIQUID TEMPERATURE (°F)	85	83	82	81	83	85
		LIQUID SUBCOOLING (°F)	45	39	35	27	17	12
		SUCTION PRESSURE (PSIG)	117	101	88	73	59	52
		SUCTION TEMPERATURE (°F)	65	50	32	15	8	1
		SUCTION SUPERHEAT (°F)	24	18	7	1	1	1
		OUTDOOR UNIT CURRENT (A)	5.6	5	4.6	4.4	4.1	4.1
		COMPRESSOR CURRENT (A)	4.6	4	3.7	3.3	2.9	2.9
		INDOOR COIL TEMP RISE (°F)	31	28	25	20	16	14
	1650	LIQUID PRESSURE (PSIG)	449	412	384	351	310	295
		LIQUID TEMPERATURE (°F)	82	80	80	79	80	82
		LIQUID SUBCOOLING (°F)	44	39	34	28	18	13
		SUCTION PRESSURE (PSIG)	113	99	87	74	59	52
		SUCTION TEMPERATURE (°F)	65	51	36	16	8	1
		SUCTION SUPERHEAT (°F)	26	20	11	1	1	1
		OUTDOOR UNIT CURRENT (A)	5.3	4.9	4.7	4.5	4.2	4.1
		COMPRESSOR CURRENT (A)	4.4	4	3.8	3.4	3	2.9
		INDOOR COIL TEMP RISE (°F)	25	23	20	17	14	12

FOR USE WITH MODELS WITH TXV:

THE48B3(1,2)S

THE48B3(1,2)S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	198(10)	200(10)	203(11)	204(12)
60	216(10)	218(10)	221(11)	222(11)
65	234(10)	236(11)	239(11)	241(11)
70	251(9)	254(10)	257(10)	259(10)
75	269(9)	273(10)	276(10)	278(10)
80	292(9)	295(10)	298(10)	300(10)
85	315(10)	317(10)	320(10)	323(11)
90	338(9)	339(9)	342(10)	345(10)
95	361(9)	361(9)	365(10)	368(10)
100	389(9)	389(9)	393(10)	396(10)
105	417(10)	417(10)	421(11)	425(11)
110	445(10)	445(10)	449(10)	453(11)
115	474(10)	473(10)	478(10)	481(11)
120	502(9)	501(9)	506(9)	509(10)
125	531(9)	530(9)	534(9)	538(10)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

THE48B3(1,2)S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1400	LIQUID PRESSURE (PSIG)	202	238	274	319	365	422	480	537
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	12	12	11	12	11	12	12	12
		SUCTION PRESSURE (PSIG)	115	117	119	121	123	126	129	132
		SUCTION TEMPERATURE (°F)	51	50	50	51	52	53	55	56
		SUCTION SUPERHEAT (°F)	12	11	9	9	9	10	10	10
		OUTDOOR UNIT CURRENT (A)	6.1	6.8	7.4	8.4	9.2	10.5	11.7	13
		COMPRESSOR CURRENT (A)	4.7	5.4	6.1	7	7.9	9.2	10.5	11.8
		INDOOR COIL TEMP DROP (°F)	24	23	23	22	21	21	20	19
	1600	LIQUID PRESSURE (PSIG)	199	235	270	315	361	417	473	529
		LIQUID TEMPERATURE (°F)	58	68	79	89	99	108	118	128
		LIQUID SUBCOOLING (°F)	11	11	10	10	10	11	10	9
		SUCTION PRESSURE (PSIG)	118	120	122	124	126	129	132	135
		SUCTION TEMPERATURE (°F)	57	56	55	56	57	59	60	62
		SUCTION SUPERHEAT (°F)	17	15	13	14	13	14	14	15
		OUTDOOR UNIT CURRENT (A)	6.2	6.9	7.6	8.6	9.4	10.7	12	13.2
		COMPRESSOR CURRENT (A)	4.8	5.5	6.2	7.2	8.1	9.4	10.7	12
		INDOOR COIL TEMP DROP (°F)	22	21	21	20	20	19	19	18
	1800	LIQUID PRESSURE (PSIG)	203	239	275	321	368	424	481	538
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	12	12	11	12	11	12	12	12
		SUCTION PRESSURE (PSIG)	120	122	124	126	128	131	134	137
		SUCTION TEMPERATURE (°F)	54	53	52	53	54	55	57	58
		SUCTION SUPERHEAT (°F)	14	11	9	9	9	9	10	10
		OUTDOOR UNIT CURRENT (A)	6.2	6.8	7.5	8.3	9.3	10.5	11.7	13
		COMPRESSOR CURRENT (A)	4.8	5.4	6.1	7	8	9.2	10.5	11.8
		INDOOR COIL TEMP DROP (°F)	21	20	20	20	19	19	18	18

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THE48B3(1,2)S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	1400	LIQUID PRESSURE (PSIG)	202	239	276	321	365	422	479	536
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	12	12	11	12	11	12	12	11
		SUCTION PRESSURE (PSIG)	115	116	118	121	124	127	131	134
		SUCTION TEMPERATURE (°F)	51	50	49	51	52	54	55	57
		SUCTION SUPERHEAT (°F)	12	11	9	9	9	10	10	10
		OUTDOOR UNIT CURRENT (A)	6.2	6.8	7.5	8.4	9.3	10.5	11.7	13
		COMPRESSOR CURRENT (A)	4.7	5.5	6.2	7	8	9.2	10.5	11.7
		INDOOR COIL TEMP DROP (°F)	28	27	27	26	25	25	24	23
	1600	LIQUID PRESSURE (PSIG)	200	236	273	317	361	417	473	530
		LIQUID TEMPERATURE (°F)	58	69	79	89	99	109	119	128
		LIQUID SUBCOOLING (°F)	10	11	10	10	9	10	10	9
		SUCTION PRESSURE (PSIG)	118	120	122	123	124	129	134	139
		SUCTION TEMPERATURE (°F)	57	56	55	56	58	60	62	64
		SUCTION SUPERHEAT (°F)	17	15	13	14	15	15	15	15
		OUTDOOR UNIT CURRENT (A)	6.3	7	7.7	8.5	9.4	10.7	11.9	13.3
		COMPRESSOR CURRENT (A)	4.8	5.6	6.3	7.2	8.1	9.4	10.7	12
		INDOOR COIL TEMP DROP (°F)	25	25	25	24	23	22	22	21
	1800	LIQUID PRESSURE (PSIG)	203	240	277	323	368	425	483	540
		LIQUID TEMPERATURE (°F)	58	69	79	89	98	108	118	128
		LIQUID SUBCOOLING (°F)	12	12	11	12	11	12	12	11
		SUCTION PRESSURE (PSIG)	120	122	125	124	124	130	137	143
		SUCTION TEMPERATURE (°F)	55	53	52	53	54	56	58	60
		SUCTION SUPERHEAT (°F)	14	11	9	10	11	11	10	10
		OUTDOOR UNIT CURRENT (A)	3.8	4.1	4.5	5	5.5	6.4	7.1	7.9
		COMPRESSOR CURRENT (A)	2.8	3.2	3.6	4.1	4.6	5.4	6.2	6.9
		INDOOR COIL TEMP DROP (°F)	24	24	24	23	22	21	20	20
80/67	1400	LIQUID PRESSURE (PSIG)	205	242	279	324	370	427	484	542
		LIQUID TEMPERATURE (°F)	58	68	79	89	99	108	118	128
		LIQUID SUBCOOLING (°F)	13	12	11	12	11	12	12	11
		SUCTION PRESSURE (PSIG)	123	127	130	133	135	138	141	145
		SUCTION TEMPERATURE (°F)	60	58	55	56	56	58	59	60
		SUCTION SUPERHEAT (°F)	18	14	10	9	9	9	9	9
		OUTDOOR UNIT CURRENT (A)	6.3	6.8	7.5	8.4	9.3	10.5	11.8	13
		COMPRESSOR CURRENT (A)	4.8	5.5	6.2	7.1	8	9.2	10.6	11.8
		INDOOR COIL TEMP DROP (°F)	23	23	23	22	22	21	20	20
	1600	LIQUID PRESSURE (PSIG)	203	239	276	320	365	421	478	534
		LIQUID TEMPERATURE (°F)	58	69	80	90	99	109	119	129
		LIQUID SUBCOOLING (°F)	11	11	10	10	10	11	10	9
		SUCTION PRESSURE (PSIG)	125	129	134	136	138	141	144	147
		SUCTION TEMPERATURE (°F)	68	65	61	62	62	64	65	67
		SUCTION SUPERHEAT (°F)	25	20	15	14	14	14	14	15
		OUTDOOR UNIT CURRENT (A)	6.4	7.1	7.8	8.6	9.5	10.8	12	13.3
		COMPRESSOR CURRENT (A)	4.9	5.7	6.4	7.3	8.2	9.5	10.8	12.1
		INDOOR COIL TEMP DROP (°F)	20	21	21	20	20	19	19	18
	1800	LIQUID PRESSURE (PSIG)	206	243	281	326	372	429	486	543
		LIQUID TEMPERATURE (°F)	58	69	79	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	13	13	11	12	11	12	12	12
		SUCTION PRESSURE (PSIG)	126	131	136	138	140	143	146	149
		SUCTION TEMPERATURE (°F)	65	62	58	58	58	60	61	62
		SUCTION SUPERHEAT (°F)	22	16	11	10	9	9	10	10
		OUTDOOR UNIT CURRENT (A)	6.2	6.9	7.6	8.5	9.3	10.6	11.9	13
		COMPRESSOR CURRENT (A)	4.8	5.5	6.2	7.2	8	9.3	10.6	11.8
		INDOOR COIL TEMP DROP (°F)	19	19	20	19	19	19	18	18

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THE48B3(1,2)S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1400	LIQUID PRESSURE (PSIG)	207	244	281	327	373	430	488	546
		LIQUID TEMPERATURE (°F)	58	69	79	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	13	13	12	12	12	13	13	12
		SUCTION PRESSURE (PSIG)	124	132	141	144	147	150	154	157
		SUCTION TEMPERATURE (°F)	68	65	61	62	62	63	64	65
		SUCTION SUPERHEAT (°F)	26	19	12	11	10	10	10	10
		OUTDOOR UNIT CURRENT (A)	6.2	6.9	7.6	8.5	9.3	10.6	11.9	13.1
		COMPRESSOR CURRENT (A)	4.8	5.5	6.2	7.2	8	9.3	10.6	11.9
		INDOOR COIL TEMP DROP (°F)	17	17	18	17	17	16	16	15
	1600	LIQUID PRESSURE (PSIG)	204	241	278	323	368	425	481	538
		LIQUID TEMPERATURE (°F)	58	69	80	90	100	109	119	129
		LIQUID SUBCOOLING (°F)	12	11	10	11	10	11	11	10
		SUCTION PRESSURE (PSIG)	126	135	144	147	150	153	156	160
		SUCTION TEMPERATURE (°F)	75	72	68	68	68	70	71	72
		SUCTION SUPERHEAT (°F)	32	25	18	17	15	15	15	16
		OUTDOOR UNIT CURRENT (A)	6.4	7.1	7.7	8.6	9.5	10.8	12.1	13.3
		COMPRESSOR CURRENT (A)	5	5.7	6.4	7.3	8.2	9.5	10.9	12.1
		INDOOR COIL TEMP DROP (°F)	15	16	16	16	15	15	14	14
	1800	LIQUID PRESSURE (PSIG)	207	245	283	329	375	432	489	546
		LIQUID TEMPERATURE (°F)	58	69	79	89	99	109	119	128
		LIQUID SUBCOOLING (°F)	13	13	12	12	12	13	13	12
		SUCTION PRESSURE (PSIG)	127	136	145	148	152	155	158	161
		SUCTION TEMPERATURE (°F)	71	68	64	64	64	65	66	67
		SUCTION SUPERHEAT (°F)	27	20	13	12	10	10	10	10
		OUTDOOR UNIT CURRENT (A)	6.2	6.9	7.6	8.5	9.4	10.7	11.8	13.1
		COMPRESSOR CURRENT (A)	4.8	5.5	6.3	7.2	8.1	9.4	10.6	11.9
		INDOOR COIL TEMP DROP (°F)	14	15	16	15	15	14	14	13

THE48B3(1,2)S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1400	LIQUID PRESSURE (PSIG)	385	357	336	319	264	284
		LIQUID TEMPERATURE (°F)	77	69	67	63	58	56
		LIQUID SUBCOOLING (°F)	37	39	37	37	30	36
		SUCTION PRESSURE (PSIG)	127	102	90	76	49	51
		SUCTION TEMPERATURE (°F)	57	44	36	26	6	5
		SUCTION SUPERHEAT (°F)	13	12	10	7	5	3
		OUTDOOR UNIT CURRENT (A)	9.7	9.1	9.5	8.5	8.4	8.4
		COMPRESSOR CURRENT (A)	8.7	8.1	7.5	7.5	6.4	6.4
		INDOOR COIL TEMP RISE (°F)	37	32	28	25	18	18
	1600	LIQUID PRESSURE (PSIG)	367	341	325	306	271	274
		LIQUID TEMPERATURE (°F)	74	67	65	62	57	55
		LIQUID SUBCOOLING (°F)	36	38	37	36	32	35
		SUCTION PRESSURE (PSIG)	126	102	91	76	54	50
		SUCTION TEMPERATURE (°F)	57	44	37	27	8	6
		SUCTION SUPERHEAT (°F)	14	12	10	8	4	5
		OUTDOOR UNIT CURRENT (A)	10.1	9.5	8.5	8.9	8.4	8.4
		COMPRESSOR CURRENT (A)	8.1	7.5	7.5	6.9	6.4	6.4
		INDOOR COIL TEMP RISE (°F)	33	28	25	22	17	16
	1800	LIQUID PRESSURE (PSIG)	349	325	313	293	278	264
		LIQUID TEMPERATURE (°F)	72	66	64	61	56	54
		LIQUID SUBCOOLING (°F)	35	36	35	34	35	34
		SUCTION PRESSURE (PSIG)	126	103	92	76	59	48
		SUCTION TEMPERATURE (°F)	58	44	38	28	15	7
		SUCTION SUPERHEAT (°F)	15	11	11	9	7	7
		OUTDOOR UNIT CURRENT (A)	9.5	8.5	8.9	7.9	8.4	7.4
		COMPRESSOR CURRENT (A)	7.5	7.5	6.9	6.9	6.4	6.4
		INDOOR COIL TEMP RISE (°F)	29	25	23	19	16	14
70	1400	LIQUID PRESSURE (PSIG)	441	411	394	368	332	323
		LIQUID TEMPERATURE (°F)	85	77	75	71	66	64
		LIQUID SUBCOOLING (°F)	39	42	41	40	37	37
		SUCTION PRESSURE (PSIG)	129	104	92	77	55	52
		SUCTION TEMPERATURE (°F)	57	44	37	27	9	6
		SUCTION SUPERHEAT (°F)	12	11	10	8	4	3
		OUTDOOR UNIT CURRENT (A)	10.8	10.2	10.7	10.1	9.5	8.5
		COMPRESSOR CURRENT (A)	9.8	9.2	8.7	8.1	7.5	7.5
		INDOOR COIL TEMP RISE (°F)	37	31	28	24	19	17
	1600	LIQUID PRESSURE (PSIG)	419	393	380	354	330	312
		LIQUID TEMPERATURE (°F)	82	76	73	70	65	64
		LIQUID SUBCOOLING (°F)	38	40	40	38	38	35
		SUCTION PRESSURE (PSIG)	128	104	93	77	57	50
		SUCTION TEMPERATURE (°F)	57	44	38	27	12	4
		SUCTION SUPERHEAT (°F)	13	11	10	8	6	3
		OUTDOOR UNIT CURRENT (A)	11.2	10.7	9.7	9.1	9.5	8.9
		COMPRESSOR CURRENT (A)	9.2	8.7	8.7	8.1	7.5	6.9
		INDOOR COIL TEMP RISE (°F)	33	28	25	22	17	15
	1800	LIQUID PRESSURE (PSIG)	398	375	366	339	328	301
		LIQUID TEMPERATURE (°F)	80	74	72	69	65	63
		LIQUID SUBCOOLING (°F)	36	38	38	36	37	33
		SUCTION PRESSURE (PSIG)	128	104	93	76	60	49
		SUCTION TEMPERATURE (°F)	58	44	38	27	16	4
		SUCTION SUPERHEAT (°F)	14	11	10	8	8	4
		OUTDOOR UNIT CURRENT (A)	10.7	7.2	10.1	9.5	9.5	8.9
		COMPRESSOR CURRENT (A)	8.7	9.2	8.1	7.5	7.5	6.9
		INDOOR COIL TEMP RISE (°F)	29	24	22	19	16	13

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THE48B3(1,2)S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1400	LIQUID PRESSURE (PSIG)	496	465	453	417	400	362
		LIQUID TEMPERATURE (°F)	93	86	83	79	73	72
		LIQUID SUBCOOLING (°F)	40	42	43	41	44	37
		SUCTION PRESSURE (PSIG)	130	106	94	78	60	52
		SUCTION TEMPERATURE (°F)	57	44	38	28	17	10
		SUCTION SUPERHEAT (°F)	12	10	10	8	9	7
		OUTDOOR UNIT CURRENT (A)	13	11.4	11.8	11.2	10.2	10.1
		COMPRESSOR CURRENT (A)	11	10.4	9.8	9.2	9.2	8.1
		INDOOR COIL TEMP RISE (°F)	36	30	28	24	19	17
	1600	LIQUID PRESSURE (PSIG)	472	446	435	401	389	350
		LIQUID TEMPERATURE (°F)	91	84	82	78	73	72
		LIQUID SUBCOOLING (°F)	38	41	41	39	42	35
		SUCTION PRESSURE (PSIG)	130	105	94	77	61	51
		SUCTION TEMPERATURE (°F)	57	44	38	27	17	7
		SUCTION SUPERHEAT (°F)	12	10	10	8	8	6
		OUTDOOR UNIT CURRENT (A)	12.4	11.8	10.8	10.7	10.7	9.1
		COMPRESSOR CURRENT (A)	10.4	9.8	9.8	8.7	8.7	8.1
		INDOOR COIL TEMP RISE (°F)	32	27	25	21	17	15
	1800	LIQUID PRESSURE (PSIG)	448	426	418	385	379	338
		LIQUID TEMPERATURE (°F)	89	83	80	77	73	72
		LIQUID SUBCOOLING (°F)	36	39	40	37	40	33
		SUCTION PRESSURE (PSIG)	130	105	94	76	61	50
		SUCTION TEMPERATURE (°F)	58	44	38	27	16	6
		SUCTION SUPERHEAT (°F)	13	10	10	8	7	5
		OUTDOOR UNIT CURRENT (A)	11.8	11.2	11.2	10.7	9.7	9.5
		COMPRESSOR CURRENT (A)	9.8	9.2	9.2	8.7	8.7	7.5
		INDOOR COIL TEMP RISE (°F)	28	24	22	18	15	13

FOR USE WITH MODELS WITH TXV:
THE48B4(1,2)S

THE48B4(1,2)S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	198(10)	200(10)	203(11)	204(12)
60	216(10)	218(10)	221(11)	222(11)
65	234(10)	236(11)	239(11)	241(11)
70	251(9)	254(10)	257(10)	259(10)
75	269(9)	273(10)	276(10)	278(10)
80	292(9)	295(10)	298(10)	300(10)
85	315(10)	317(10)	320(10)	323(11)
90	338(9)	339(9)	342(10)	345(10)
95	361(9)	361(9)	365(10)	368(10)
100	389(9)	389(9)	393(10)	396(10)
105	417(10)	417(10)	421(11)	425(11)
110	445(10)	445(10)	449(10)	453(11)
115	474(10)	473(10)	478(10)	481(11)
120	502(9)	501(9)	506(9)	509(10)
125	531(9)	530(9)	534(9)	538(10)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

THE48B4(1,2)S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1400	LIQUID PRESSURE (PSIG)	202	238	274	319	365	422	480	537
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	12	12	11	12	11	12	12	12
		SUCTION PRESSURE (PSIG)	115	117	119	121	123	126	129	132
		SUCTION TEMPERATURE (°F)	51	50	50	51	52	53	55	56
		SUCTION SUPERHEAT (°F)	12	11	9	9	9	10	10	10
		OUTDOOR UNIT CURRENT (A)	3.1	3.4	3.7	4.2	4.6	5.3	5.9	6.5
		COMPRESSOR CURRENT (A)	2.4	2.7	3.1	3.5	4	4.6	5.3	5.9
		INDOOR COIL TEMP DROP (°F)	24	23	23	22	21	21	20	19
	1600	LIQUID PRESSURE (PSIG)	199	235	270	315	361	417	473	529
		LIQUID TEMPERATURE (°F)	58	68	79	89	99	108	118	128
		LIQUID SUBCOOLING (°F)	11	11	10	10	10	11	10	9
		SUCTION PRESSURE (PSIG)	118	120	122	124	126	129	132	135
		SUCTION TEMPERATURE (°F)	57	56	55	56	57	59	60	62
		SUCTION SUPERHEAT (°F)	17	15	13	14	13	14	14	15
		OUTDOOR UNIT CURRENT (A)	3.1	3.5	3.8	4.3	4.7	5.4	6	6.6
		COMPRESSOR CURRENT (A)	2.4	2.8	3.1	3.6	4	4.7	5.3	6
		INDOOR COIL TEMP DROP (°F)	22	21	21	20	20	19	19	18
	1800	LIQUID PRESSURE (PSIG)	203	239	275	321	368	424	481	538
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	12	12	11	12	11	12	12	12
		SUCTION PRESSURE (PSIG)	120	122	124	126	128	131	134	137
		SUCTION TEMPERATURE (°F)	54	53	52	53	54	55	57	58
		SUCTION SUPERHEAT (°F)	14	11	9	9	9	9	10	10
		OUTDOOR UNIT CURRENT (A)	3.1	3.4	3.8	4.2	4.7	5.3	5.9	6.5
		COMPRESSOR CURRENT (A)	2.4	2.7	3.1	3.5	4	4.6	5.3	5.9
		INDOOR COIL TEMP DROP (°F)	21	20	20	20	19	19	18	18

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THE48B4(1,2)S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	1400	LIQUID PRESSURE (PSIG)	202	239	276	321	365	422	479	536
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	12	12	11	12	11	12	12	11
		SUCTION PRESSURE (PSIG)	115	116	118	121	124	127	131	134
		SUCTION TEMPERATURE (°F)	51	50	49	51	52	54	55	57
		SUCTION SUPERHEAT (°F)	12	11	9	9	9	10	10	10
		OUTDOOR UNIT CURRENT (A)	3.1	3.4	3.8	4.2	4.7	5.3	5.9	6.5
		COMPRESSOR CURRENT (A)	2.4	2.7	3.1	3.5	4	4.6	5.3	5.9
		INDOOR COIL TEMP DROP (°F)	28	27	27	26	25	25	24	23
	1600	LIQUID PRESSURE (PSIG)	200	236	273	317	361	417	473	530
		LIQUID TEMPERATURE (°F)	58	69	79	89	99	109	119	128
		LIQUID SUBCOOLING (°F)	10	11	10	10	9	10	10	9
		SUCTION PRESSURE (PSIG)	118	120	122	123	124	129	134	139
		SUCTION TEMPERATURE (°F)	57	56	55	56	58	60	62	64
		SUCTION SUPERHEAT (°F)	17	15	13	14	15	15	15	15
		OUTDOOR UNIT CURRENT (A)	3.2	3.5	3.9	4.3	4.7	5.4	6	6.7
		COMPRESSOR CURRENT (A)	2.4	2.8	3.1	3.6	4.1	4.7	5.4	6
		INDOOR COIL TEMP DROP (°F)	25	25	25	24	23	22	22	21
	1800	LIQUID PRESSURE (PSIG)	203	240	277	323	368	425	483	540
		LIQUID TEMPERATURE (°F)	58	69	79	89	98	108	118	128
		LIQUID SUBCOOLING (°F)	12	12	11	12	11	12	12	11
		SUCTION PRESSURE (PSIG)	120	122	125	124	124	130	137	143
		SUCTION TEMPERATURE (°F)	55	53	52	53	54	56	58	60
		SUCTION SUPERHEAT (°F)	14	11	9	10	11	11	10	10
		OUTDOOR UNIT CURRENT (A)	1.9	2.1	2.3	2.5	2.8	3.2	3.6	4
		COMPRESSOR CURRENT (A)	1.4	1.6	1.8	2	2.3	2.7	3.1	3.5
		INDOOR COIL TEMP DROP (°F)	24	24	24	23	22	21	20	20
80/67	1400	LIQUID PRESSURE (PSIG)	205	242	279	324	370	427	484	542
		LIQUID TEMPERATURE (°F)	58	68	79	89	99	108	118	128
		LIQUID SUBCOOLING (°F)	13	12	11	12	11	12	12	11
		SUCTION PRESSURE (PSIG)	123	127	130	133	135	138	141	145
		SUCTION TEMPERATURE (°F)	60	58	55	56	56	58	59	60
		SUCTION SUPERHEAT (°F)	18	14	10	9	9	9	9	9
		OUTDOOR UNIT CURRENT (A)	3.2	3.4	3.8	4.2	4.7	5.3	5.9	6.5
		COMPRESSOR CURRENT (A)	2.4	2.8	3.1	3.6	4	4.6	5.3	5.9
		INDOOR COIL TEMP DROP (°F)	23	23	23	22	22	21	20	20
	1600	LIQUID PRESSURE (PSIG)	203	239	276	320	365	421	478	534
		LIQUID TEMPERATURE (°F)	58	69	80	90	99	109	119	129
		LIQUID SUBCOOLING (°F)	11	11	10	10	10	11	10	9
		SUCTION PRESSURE (PSIG)	125	129	134	136	138	141	144	147
		SUCTION TEMPERATURE (°F)	68	65	61	62	62	64	65	67
		SUCTION SUPERHEAT (°F)	25	20	15	14	14	14	14	15
		OUTDOOR UNIT CURRENT (A)	3.2	3.6	3.9	4.3	4.8	5.4	6	6.7
		COMPRESSOR CURRENT (A)	2.5	2.8	3.2	3.6	4.1	4.7	5.4	6
		INDOOR COIL TEMP DROP (°F)	20	21	21	20	20	19	19	18
	1800	LIQUID PRESSURE (PSIG)	206	243	281	326	372	429	486	543
		LIQUID TEMPERATURE (°F)	58	69	79	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	13	13	11	12	11	12	12	12
		SUCTION PRESSURE (PSIG)	126	131	136	138	140	143	146	149
		SUCTION TEMPERATURE (°F)	65	62	58	58	58	60	61	62
		SUCTION SUPERHEAT (°F)	22	16	11	10	9	9	10	10
		OUTDOOR UNIT CURRENT (A)	3.1	3.5	3.8	4.3	4.7	5.3	6	6.5
		COMPRESSOR CURRENT (A)	2.4	2.8	3.1	3.6	4	4.6	5.3	5.9
		INDOOR COIL TEMP DROP (°F)	19	19	20	19	19	19	18	18

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THE48B4(1,2)S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1400	LIQUID PRESSURE (PSIG)	207	244	281	327	373	430	488	546
		LIQUID TEMPERATURE (°F)	58	69	79	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	13	13	12	12	12	13	13	12
		SUCTION PRESSURE (PSIG)	124	132	141	144	147	150	154	157
		SUCTION TEMPERATURE (°F)	68	65	61	62	62	63	64	65
		SUCTION SUPERHEAT (°F)	26	19	12	11	10	10	10	10
		OUTDOOR UNIT CURRENT (A)	3.1	3.5	3.8	4.3	4.7	5.3	6	6.6
		COMPRESSOR CURRENT (A)	2.4	2.8	3.1	3.6	4	4.6	5.3	5.9
		INDOOR COIL TEMP DROP (°F)	17	17	18	17	17	16	16	15
	1600	LIQUID PRESSURE (PSIG)	204	241	278	323	368	425	481	538
		LIQUID TEMPERATURE (°F)	58	69	80	90	100	109	119	129
		LIQUID SUBCOOLING (°F)	12	11	10	11	10	11	11	10
		SUCTION PRESSURE (PSIG)	126	135	144	147	150	153	156	160
		SUCTION TEMPERATURE (°F)	75	72	68	68	68	70	71	72
		SUCTION SUPERHEAT (°F)	32	25	18	17	15	15	15	16
		OUTDOOR UNIT CURRENT (A)	3.2	3.6	3.9	4.3	4.8	5.4	6.1	6.7
		COMPRESSOR CURRENT (A)	2.5	2.8	3.2	3.7	4.1	4.8	5.4	6.1
		INDOOR COIL TEMP DROP (°F)	15	16	16	16	15	15	14	14
	1800	LIQUID PRESSURE (PSIG)	207	245	283	329	375	432	489	546
		LIQUID TEMPERATURE (°F)	58	69	79	89	99	109	119	128
		LIQUID SUBCOOLING (°F)	13	13	12	12	12	13	13	12
		SUCTION PRESSURE (PSIG)	127	136	145	148	152	155	158	161
		SUCTION TEMPERATURE (°F)	71	68	64	64	64	65	66	67
		SUCTION SUPERHEAT (°F)	27	20	13	12	10	10	10	10
		OUTDOOR UNIT CURRENT (A)	3.1	3.5	3.8	4.3	4.7	5.4	5.9	6.6
		COMPRESSOR CURRENT (A)	2.4	2.8	3.1	3.6	4	4.7	5.3	5.9
		INDOOR COIL TEMP DROP (°F)	14	15	16	15	15	14	14	13

THE48B4(1,2)S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1400	LIQUID PRESSURE (PSIG)	385	357	336	319	264	284
		LIQUID TEMPERATURE (°F)	77	69	67	63	58	56
		LIQUID SUBCOOLING (°F)	37	39	37	37	30	36
		SUCTION PRESSURE (PSIG)	127	102	90	76	49	51
		SUCTION TEMPERATURE (°F)	57	44	36	26	6	5
		SUCTION SUPERHEAT (°F)	13	12	10	7	5	3
		OUTDOOR UNIT CURRENT (A)	4.9	4.6	4.8	4.3	4.2	4.2
		COMPRESSOR CURRENT (A)	4.3	4	3.8	3.8	3.2	3.2
		INDOOR COIL TEMP RISE (°F)	37	32	28	25	18	18
	1600	LIQUID PRESSURE (PSIG)	367	341	325	306	271	274
		LIQUID TEMPERATURE (°F)	74	67	65	62	57	55
		LIQUID SUBCOOLING (°F)	36	38	37	36	32	35
		SUCTION PRESSURE (PSIG)	126	102	91	76	54	50
		SUCTION TEMPERATURE (°F)	57	44	37	27	8	6
		SUCTION SUPERHEAT (°F)	14	12	10	8	4	5
		OUTDOOR UNIT CURRENT (A)	5.1	4.8	4.3	4.5	4.2	4.2
		COMPRESSOR CURRENT (A)	4	3.8	3.8	3.5	3.2	3.2
		INDOOR COIL TEMP RISE (°F)	33	28	25	22	17	16
	1800	LIQUID PRESSURE (PSIG)	349	325	313	293	278	264
		LIQUID TEMPERATURE (°F)	72	66	64	61	56	54
		LIQUID SUBCOOLING (°F)	35	36	35	34	35	34
		SUCTION PRESSURE (PSIG)	126	103	92	76	59	48
		SUCTION TEMPERATURE (°F)	58	44	38	28	15	7
		SUCTION SUPERHEAT (°F)	15	11	11	9	7	7
		OUTDOOR UNIT CURRENT (A)	4.8	4.3	4.5	4	4.2	3.7
		COMPRESSOR CURRENT (A)	3.8	3.8	3.5	3.5	3.2	3.2
		INDOOR COIL TEMP RISE (°F)	29	25	23	19	16	14
70	1400	LIQUID PRESSURE (PSIG)	441	411	394	368	332	323
		LIQUID TEMPERATURE (°F)	85	77	75	71	66	64
		LIQUID SUBCOOLING (°F)	39	42	41	40	37	37
		SUCTION PRESSURE (PSIG)	129	104	92	77	55	52
		SUCTION TEMPERATURE (°F)	57	44	37	27	9	6
		SUCTION SUPERHEAT (°F)	12	11	10	8	4	3
		OUTDOOR UNIT CURRENT (A)	5.4	5.1	5.4	5.1	4.8	4.3
		COMPRESSOR CURRENT (A)	4.9	4.6	4.3	4	3.8	3.8
		INDOOR COIL TEMP RISE (°F)	37	31	28	24	19	17
	1600	LIQUID PRESSURE (PSIG)	419	393	380	354	330	312
		LIQUID TEMPERATURE (°F)	82	76	73	70	65	64
		LIQUID SUBCOOLING (°F)	38	40	40	38	38	35
		SUCTION PRESSURE (PSIG)	128	104	93	77	57	50
		SUCTION TEMPERATURE (°F)	57	44	38	27	12	4
		SUCTION SUPERHEAT (°F)	13	11	10	8	6	3
		OUTDOOR UNIT CURRENT (A)	5.6	5.4	4.9	4.6	4.8	4.5
		COMPRESSOR CURRENT (A)	4.6	4.3	4.3	4	3.8	3.5
		INDOOR COIL TEMP RISE (°F)	33	28	25	22	17	15
	1800	LIQUID PRESSURE (PSIG)	398	375	366	339	328	301
		LIQUID TEMPERATURE (°F)	80	74	72	69	65	63
		LIQUID SUBCOOLING (°F)	36	38	38	36	37	33
		SUCTION PRESSURE (PSIG)	128	104	93	76	60	49
		SUCTION TEMPERATURE (°F)	58	44	38	27	16	4
		SUCTION SUPERHEAT (°F)	14	11	10	8	8	4
		OUTDOOR UNIT CURRENT (A)	5.4	3.6	5.1	4.8	4.8	4.5
		COMPRESSOR CURRENT (A)	4.3	4.6	4	3.8	3.8	3.5
		INDOOR COIL TEMP RISE (°F)	29	24	22	19	16	13

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THE48B4(1,2)S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1400	LIQUID PRESSURE (PSIG)	496	465	453	417	400	362
		LIQUID TEMPERATURE (°F)	93	86	83	79	73	72
		LIQUID SUBCOOLING (°F)	40	42	43	41	44	37
		SUCTION PRESSURE (PSIG)	130	106	94	78	60	52
		SUCTION TEMPERATURE (°F)	57	44	38	28	17	10
		SUCTION SUPERHEAT (°F)	12	10	10	8	9	7
		OUTDOOR UNIT CURRENT (A)	6.5	5.7	5.9	5.6	5.1	5.1
		COMPRESSOR CURRENT (A)	5.5	5.2	4.9	4.6	4.6	4
		INDOOR COIL TEMP RISE (°F)	36	30	28	24	19	17
	1600	LIQUID PRESSURE (PSIG)	472	446	435	401	389	350
		LIQUID TEMPERATURE (°F)	91	84	82	78	73	72
		LIQUID SUBCOOLING (°F)	38	41	41	39	42	35
		SUCTION PRESSURE (PSIG)	130	105	94	77	61	51
		SUCTION TEMPERATURE (°F)	57	44	38	27	17	7
		SUCTION SUPERHEAT (°F)	12	10	10	8	8	6
		OUTDOOR UNIT CURRENT (A)	6.2	5.9	5.4	5.4	5.4	4.6
		COMPRESSOR CURRENT (A)	5.2	4.9	4.9	4.3	4.3	4
		INDOOR COIL TEMP RISE (°F)	32	27	25	21	17	15
	1800	LIQUID PRESSURE (PSIG)	448	426	418	385	379	338
		LIQUID TEMPERATURE (°F)	89	83	80	77	73	72
		LIQUID SUBCOOLING (°F)	36	39	40	37	40	33
		SUCTION PRESSURE (PSIG)	130	105	94	76	61	50
		SUCTION TEMPERATURE (°F)	58	44	38	27	16	6
		SUCTION SUPERHEAT (°F)	13	10	10	8	7	5
		OUTDOOR UNIT CURRENT (A)	5.9	5.6	5.6	5.4	4.9	4.8
		COMPRESSOR CURRENT (A)	4.9	4.6	4.6	4.3	4.3	3.8
		INDOOR COIL TEMP RISE (°F)	28	24	22	18	15	13

FOR USE WITH MODELS WITH TXV:

THE60B3(1,2)S

THE60B3(1,2)S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	197(7)	199(7)	201(8)	202(9)
60	214(7)	217(7)	219(8)	220(8)
65	232(7)	236(7)	238(8)	239(8)
70	250(6)	254(6)	256(7)	257(7)
75	268(6)	273(6)	275(6)	275(6)
80	290(6)	295(6)	298(6)	298(6)
85	313(7)	318(7)	321(7)	321(6)
90	336(7)	340(7)	343(6)	344(5)
95	359(7)	362(7)	366(6)	367(5)
100	387(7)	390(7)	394(6)	395(6)
105	415(8)	419(8)	422(7)	423(7)
110	443(8)	447(8)	450(7)	451(7)
115	472(8)	475(8)	478(8)	479(7)
120	500(7)	503(7)	506(7)	507(7)
125	528(7)	531(7)	534(7)	535(7)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

THE60B3(1,2)S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1365	LIQUID PRESSURE (PSIG)	199	234	269	315	361	417	474	530
		LIQUID TEMPERATURE (°F)	62	72	82	92	102	112	121	131
		LIQUID SUBCOOLING (°F)	7	7	6	7	6	7	7	7
		SUCTION PRESSURE (PSIG)	111	114	117	119	122	125	128	132
		SUCTION TEMPERATURE (°F)	50	49	48	48	48	50	52	53
		SUCTION SUPERHEAT (°F)	13	11	8	7	7	7	7	7
		OUTDOOR UNIT CURRENT (A)	7.4	8	8.8	9.8	10.9	12.3	13.6	15.1
		COMPRESSOR CURRENT (A)	6.2	6.9	7.7	8.7	9.8	11.2	12.6	14.1
		INDOOR COIL TEMP DROP (°F)	27	26	26	25	24	23	23	22
	1615	LIQUID PRESSURE (PSIG)	199	234	270	315	360	416	472	529
		LIQUID TEMPERATURE (°F)	61	71	82	91	101	111	120	130
		LIQUID SUBCOOLING (°F)	7	7	6	7	7	8	8	8
		SUCTION PRESSURE (PSIG)	115	118	121	124	126	129	132	135
		SUCTION TEMPERATURE (°F)	62	60	57	58	58	60	62	64
		SUCTION SUPERHEAT (°F)	24	20	16	15	15	15	16	16
		OUTDOOR UNIT CURRENT (A)	7.5	8.2	9	10	11	12.5	14	15.4
		COMPRESSOR CURRENT (A)	6.3	7.1	7.9	8.9	10	11.4	12.9	14.3
		INDOOR COIL TEMP DROP (°F)	23	23	23	22	21	21	20	19
	1865	LIQUID PRESSURE (PSIG)	200	236	272	317	363	419	475	532
		LIQUID TEMPERATURE (°F)	62	72	83	93	103	112	122	131
		LIQUID SUBCOOLING (°F)	7	7	5	6	6	7	7	6
		SUCTION PRESSURE (PSIG)	117	121	124	127	129	132	135	138
		SUCTION TEMPERATURE (°F)	58	54	51	52	52	54	55	57
		SUCTION SUPERHEAT (°F)	18	13	8	8	7	8	8	8
		OUTDOOR UNIT CURRENT (A)	7.3	8.1	8.8	9.9	10.9	12.3	13.7	15.1
		COMPRESSOR CURRENT (A)	6.2	7	7.7	8.8	9.8	11.3	12.7	14.1
		INDOOR COIL TEMP DROP (°F)	22	22	22	21	21	20	19	19

Continued on next page.

THE60B3(1,2)S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	1365	LIQUID PRESSURE (PSIG)	199	236	274	318	363	419	475	531
		LIQUID TEMPERATURE (°F)	62	72	83	93	103	112	122	131
		LIQUID SUBCOOLING (°F)	7	7	6	7	6	7	7	6
		SUCTION PRESSURE (PSIG)	111	114	117	120	122	126	129	132
		SUCTION TEMPERATURE (°F)	51	49	47	48	48	50	51	53
		SUCTION SUPERHEAT (°F)	14	11	8	7	6	7	7	7
		OUTDOOR UNIT CURRENT (A)	7.3	8.1	8.8	9.9	10.9	12.4	13.7	15.2
		COMPRESSOR CURRENT (A)	6.2	7	7.8	8.8	9.8	11.3	12.7	14.1
		INDOOR COIL TEMP DROP (°F)	31	31	30	29	29	28	27	26
	1615	LIQUID PRESSURE (PSIG)	199	236	273	318	362	419	475	531
		LIQUID TEMPERATURE (°F)	61	72	82	92	102	111	121	130
		LIQUID SUBCOOLING (°F)	7	7	6	7	7	8	8	7
		SUCTION PRESSURE (PSIG)	115	118	121	124	127	130	134	137
		SUCTION TEMPERATURE (°F)	64	61	58	58	58	60	62	64
		SUCTION SUPERHEAT (°F)	26	21	16	15	15	15	15	16
		OUTDOOR UNIT CURRENT (A)	7.5	8.3	9	10	11	12.6	14	15.5
		COMPRESSOR CURRENT (A)	6.4	7.1	7.9	8.9	10	11.5	12.9	14.4
		INDOOR COIL TEMP DROP (°F)	27	27	27	26	25	24	24	23
	1865	LIQUID PRESSURE (PSIG)	200	238	275	320	365	422	478	535
		LIQUID TEMPERATURE (°F)	62	73	84	94	104	113	123	132
		LIQUID SUBCOOLING (°F)	7	7	6	6	6	7	7	6
		SUCTION PRESSURE (PSIG)	117	121	125	127	130	133	137	140
		SUCTION TEMPERATURE (°F)	60	56	52	52	52	54	56	57
		SUCTION SUPERHEAT (°F)	20	15	9	8	7	7	8	8
		OUTDOOR UNIT CURRENT (A)	3.8	4.1	4.5	5	5.5	6.4	7.1	7.9
		COMPRESSOR CURRENT (A)	2.8	3.2	3.6	4.1	4.6	5.4	6.2	6.9
		INDOOR COIL TEMP DROP (°F)	26	26	26	25	25	24	23	22
80/67	1365	LIQUID PRESSURE (PSIG)	201	238	276	321	367	423	479	536
		LIQUID TEMPERATURE (°F)	62	73	84	94	104	113	123	132
		LIQUID SUBCOOLING (°F)	7	7	5	6	6	7	7	6
		SUCTION PRESSURE (PSIG)	118	123	128	131	133	136	139	143
		SUCTION TEMPERATURE (°F)	60	57	53	54	54	56	58	60
		SUCTION SUPERHEAT (°F)	20	15	9	8	8	8	9	9
		OUTDOOR UNIT CURRENT (A)	7.3	8.1	9	10	11	12.5	13.9	15.3
		COMPRESSOR CURRENT (A)	6.2	7	7.9	8.9	9.9	11.4	12.9	14.3
		INDOOR COIL TEMP DROP (°F)	26	26	26	25	24	23	22	22
	1615	LIQUID PRESSURE (PSIG)	201	238	275	321	366	422	478	534
		LIQUID TEMPERATURE (°F)	61	72	84	93	103	112	122	131
		LIQUID SUBCOOLING (°F)	8	8	6	7	6	7	8	7
		SUCTION PRESSURE (PSIG)	120	126	132	135	138	141	144	147
		SUCTION TEMPERATURE (°F)	74	70	66	66	65	67	69	71
		SUCTION SUPERHEAT (°F)	33	26	19	18	17	18	18	19
		OUTDOOR UNIT CURRENT (A)	7.6	8.4	9.2	10.2	11.2	12.7	14.1	15.6
		COMPRESSOR CURRENT (A)	6.4	7.2	8	9.1	10.1	11.6	13.1	14.5
		INDOOR COIL TEMP DROP (°F)	22	22	22	22	21	20	20	19
	1865	LIQUID PRESSURE (PSIG)	203	240	278	323	369	425	481	537
		LIQUID TEMPERATURE (°F)	62	73	85	95	105	114	124	133
		LIQUID SUBCOOLING (°F)	8	7	5	6	5	6	6	6
		SUCTION PRESSURE (PSIG)	121	128	135	138	141	144	147	150
		SUCTION TEMPERATURE (°F)	67	64	60	59	58	60	61	62
		SUCTION SUPERHEAT (°F)	26	19	13	11	9	9	9	9
		OUTDOOR UNIT CURRENT (A)	7.4	8.2	9	9.9	11	12.4	14	15.4
		COMPRESSOR CURRENT (A)	6.3	7.1	7.9	8.9	10	11.4	12.9	14.3
		INDOOR COIL TEMP DROP (°F)	20	21	21	21	20	20	19	18

Continued on next page.

THE60B3(1,2)S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1365	LIQUID PRESSURE (PSIG)	203	239	276	322	368	424	481	537
		LIQUID TEMPERATURE (°F)	61	73	84	94	105	114	124	133
		LIQUID SUBCOOLING (°F)	8	7	6	6	5	6	6	6
		SUCTION PRESSURE (PSIG)	121	129	138	142	146	149	153	156
		SUCTION TEMPERATURE (°F)	68	65	63	62	60	62	63	65
		SUCTION SUPERHEAT (°F)	27	20	14	12	9	9	9	10
		OUTDOOR UNIT CURRENT (A)	7.3	8.1	9	10	10.9	12.5	13.9	15.4
		COMPRESSOR CURRENT (A)	6.2	7	7.9	8.9	9.9	11.4	12.9	14.3
		INDOOR COIL TEMP DROP (°F)	20	20	21	20	19	18	18	17
	1615	LIQUID PRESSURE (PSIG)	202	239	275	321	367	423	479	535
		LIQUID TEMPERATURE (°F)	60	72	83	94	104	113	123	132
		LIQUID SUBCOOLING (°F)	9	8	6	6	5	7	7	7
		SUCTION PRESSURE (PSIG)	123	132	141	146	150	154	157	160
		SUCTION TEMPERATURE (°F)	81	78	75	74	73	74	76	77
		SUCTION SUPERHEAT (°F)	39	32	26	23	20	20	20	20
		OUTDOOR UNIT CURRENT (A)	7.6	8.4	9.2	10.2	11.2	12.7	14.2	15.6
		COMPRESSOR CURRENT (A)	6.4	7.2	8	9.1	10.1	11.6	13.1	14.6
		INDOOR COIL TEMP DROP (°F)	17	17	18	17	17	16	15	15
	1865	LIQUID PRESSURE (PSIG)	204	241	278	324	370	426	482	539
		LIQUID TEMPERATURE (°F)	61	73	84	95	106	115	124	134
		LIQUID SUBCOOLING (°F)	9	8	6	6	4	6	6	5
		SUCTION PRESSURE (PSIG)	123	133	143	148	153	156	159	162
		SUCTION TEMPERATURE (°F)	71	69	67	66	65	66	67	68
		SUCTION SUPERHEAT (°F)	29	23	17	14	11	11	11	10
		OUTDOOR UNIT CURRENT (A)	7.4	8.2	9	10	11.1	12.5	13.9	15.4
		COMPRESSOR CURRENT (A)	6.3	7.1	7.9	8.9	10	11.4	12.9	14.4
		INDOOR COIL TEMP DROP (°F)	15	16	17	16	16	15	15	14

THE60B3(1,2)S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1365	LIQUID PRESSURE (PSIG)	364	336	321	305	283	271
		LIQUID TEMPERATURE (°F)	91	83	78	71	63	59
		LIQUID SUBCOOLING (°F)	19	21	23	26	29	30
		SUCTION PRESSURE (PSIG)	128	103	90	75	57	49
		SUCTION TEMPERATURE (°F)	56	42	34	26	15	8
		SUCTION SUPERHEAT (°F)	12	9	8	8	9	8
		OUTDOOR UNIT CURRENT (A)	11.4	10.2	10.2	9.7	9.1	9.1
		COMPRESSOR CURRENT (A)	10.4	9.2	9.2	8.7	8.1	8.1
		INDOOR COIL TEMP RISE (°F)	45	39	35	31	25	22
	1615	LIQUID PRESSURE (PSIG)	340	315	302	288	270	260
		LIQUID TEMPERATURE (°F)	86	80	75	68	61	58
		LIQUID SUBCOOLING (°F)	19	20	22	25	28	29
		SUCTION PRESSURE (PSIG)	126	103	90	74	57	49
		SUCTION TEMPERATURE (°F)	57	42	34	26	15	8
		SUCTION SUPERHEAT (°F)	14	9	8	9	9	8
		OUTDOOR UNIT CURRENT (A)	11.2	10.7	9.7	10.1	9.1	8.5
		COMPRESSOR CURRENT (A)	9.2	8.7	8.7	8.1	8.1	7.5
		INDOOR COIL TEMP RISE (°F)	39	34	31	26	22	19
	1865	LIQUID PRESSURE (PSIG)	315	294	284	271	258	248
		LIQUID TEMPERATURE (°F)	81	77	72	66	60	57
		LIQUID SUBCOOLING (°F)	19	18	20	23	26	26
		SUCTION PRESSURE (PSIG)	124	102	89	73	58	48
		SUCTION TEMPERATURE (°F)	58	42	34	25	15	8
		SUCTION SUPERHEAT (°F)	16	10	8	8	8	8
		OUTDOOR UNIT CURRENT (A)	10.7	9.7	9.1	9.1	8.5	8.5
		COMPRESSOR CURRENT (A)	8.7	8.7	8.1	8.1	7.5	7.5
		INDOOR COIL TEMP RISE (°F)	34	29	26	22	19	16
70	1365	LIQUID PRESSURE (PSIG)	411	382	367	349	322	312
		LIQUID TEMPERATURE (°F)	99	91	85	78	71	68
		LIQUID SUBCOOLING (°F)	20	22	25	29	30	31
		SUCTION PRESSURE (PSIG)	129	104	91	75	57	50
		SUCTION TEMPERATURE (°F)	56	42	35	26	15	10
		SUCTION SUPERHEAT (°F)	11	9	8	8	9	9
		OUTDOOR UNIT CURRENT (A)	12.5	11.4	11.4	10.8	10.2	10.7
		COMPRESSOR CURRENT (A)	11.5	10.4	10.4	9.8	9.2	8.7
		INDOOR COIL TEMP RISE (°F)	44	38	34	30	24	22
	1615	LIQUID PRESSURE (PSIG)	385	360	347	331	311	300
		LIQUID TEMPERATURE (°F)	95	88	83	76	70	67
		LIQUID SUBCOOLING (°F)	19	21	23	27	29	29
		SUCTION PRESSURE (PSIG)	128	104	90	73	58	50
		SUCTION TEMPERATURE (°F)	56	42	35	25	15	9
		SUCTION SUPERHEAT (°F)	12	9	9	8	8	8
		OUTDOOR UNIT CURRENT (A)	12.4	10.8	10.8	10.2	9.7	9.7
		COMPRESSOR CURRENT (A)	10.4	9.8	9.8	9.2	8.7	8.7
		INDOOR COIL TEMP RISE (°F)	38	33	30	26	21	19
	1865	LIQUID PRESSURE (PSIG)	358	337	327	312	299	288
		LIQUID TEMPERATURE (°F)	91	85	80	74	69	66
		LIQUID SUBCOOLING (°F)	18	19	22	25	27	27
		SUCTION PRESSURE (PSIG)	127	103	90	71	58	50
		SUCTION TEMPERATURE (°F)	56	42	34	24	16	9
		SUCTION SUPERHEAT (°F)	12	9	8	8	9	8
		OUTDOOR UNIT CURRENT (A)	10.8	8.4	10.2	10.7	9.7	10.1
		COMPRESSOR CURRENT (A)	9.8	10.4	9.2	8.7	8.7	8.1
		INDOOR COIL TEMP RISE (°F)	33	28	25	21	18	16

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THE60B3(1,2)S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1365	LIQUID PRESSURE (PSIG)	458	428	413	393	362	354
		LIQUID TEMPERATURE (°F)	107	98	93	86	79	77
		LIQUID SUBCOOLING (°F)	20	24	26	30	30	31
		SUCTION PRESSURE (PSIG)	131	105	92	76	58	51
		SUCTION TEMPERATURE (°F)	56	41	35	27	15	12
		SUCTION SUPERHEAT (°F)	11	7	8	8	8	10
		OUTDOOR UNIT CURRENT (A)	13.7	12.5	13	12.4	10.8	10.8
		COMPRESSOR CURRENT (A)	12.7	11.5	11	10.4	9.8	9.8
		INDOOR COIL TEMP RISE (°F)	43	37	34	29	24	21
	1615	LIQUID PRESSURE (PSIG)	430	404	392	373	351	341
		LIQUID TEMPERATURE (°F)	104	96	91	83	78	76
		LIQUID SUBCOOLING (°F)	18	22	24	29	29	29
		SUCTION PRESSURE (PSIG)	130	105	91	73	58	51
		SUCTION TEMPERATURE (°F)	55	42	35	24	16	11
		SUCTION SUPERHEAT (°F)	10	8	8	7	9	9
		OUTDOOR UNIT CURRENT (A)	13.5	12	12	11.4	10.8	11.2
		COMPRESSOR CURRENT (A)	11.5	11	11	10.4	9.8	9.2
		INDOOR COIL TEMP RISE (°F)	38	32	29	25	21	18
	1865	LIQUID PRESSURE (PSIG)	402	380	371	353	340	328
		LIQUID TEMPERATURE (°F)	101	93	88	81	77	75
		LIQUID SUBCOOLING (°F)	16	20	23	27	28	27
		SUCTION PRESSURE (PSIG)	129	104	91	70	59	51
		SUCTION TEMPERATURE (°F)	55	42	35	22	16	10
		SUCTION SUPERHEAT (°F)	10	9	8	7	8	8
		OUTDOOR UNIT CURRENT (A)	12	11.4	11.4	10.8	10.2	10.2
		COMPRESSOR CURRENT (A)	11	10.4	10.4	9.8	9.2	9.2
		INDOOR COIL TEMP RISE (°F)	32	27	25	21	18	16

FOR USE WITH MODELS WITH TXV:
THE60B4(1,2)S

THE60B4(1,2)S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	197(7)	199(7)	201(8)	202(9)
60	214(7)	217(7)	219(8)	220(8)
65	232(7)	236(7)	238(8)	239(8)
70	250(6)	254(6)	256(7)	257(7)
75	268(6)	273(6)	275(6)	275(6)
80	290(6)	295(6)	298(6)	298(6)
85	313(7)	318(7)	321(7)	321(6)
90	336(7)	340(7)	343(6)	344(5)
95	359(7)	362(7)	366(6)	367(5)
100	387(7)	390(7)	394(6)	395(6)
105	415(8)	419(8)	422(7)	423(7)
110	443(8)	447(8)	450(7)	451(7)
115	472(8)	475(8)	478(8)	479(7)
120	500(7)	503(7)	506(7)	507(7)
125	528(7)	531(7)	534(7)	535(7)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

THE60B4(1,2)S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1365	LIQUID PRESSURE (PSIG)	199	234	269	315	361	417	474	530
		LIQUID TEMPERATURE (°F)	62	72	82	92	102	112	121	131
		LIQUID SUBCOOLING (°F)	7	7	6	7	6	7	7	7
		SUCTION PRESSURE (PSIG)	111	114	117	119	122	125	128	132
		SUCTION TEMPERATURE (°F)	50	49	48	48	48	50	52	53
		SUCTION SUPERHEAT (°F)	13	11	8	7	7	7	7	7
		OUTDOOR UNIT CURRENT (A)	3.7	4	4.4	4.9	5.5	6.2	6.8	7.6
		COMPRESSOR CURRENT (A)	3.1	3.5	3.8	4.4	4.9	5.6	6.3	7
		INDOOR COIL TEMP DROP (°F)	27	26	26	25	24	23	23	22
	1615	LIQUID PRESSURE (PSIG)	199	234	270	315	360	416	472	529
		LIQUID TEMPERATURE (°F)	61	71	82	91	101	111	120	130
		LIQUID SUBCOOLING (°F)	7	7	6	7	7	8	8	8
		SUCTION PRESSURE (PSIG)	115	118	121	124	126	129	132	135
		SUCTION TEMPERATURE (°F)	62	60	57	58	58	60	62	64
		SUCTION SUPERHEAT (°F)	24	20	16	15	15	15	16	16
		OUTDOOR UNIT CURRENT (A)	3.8	4.1	4.5	5	5.5	6.3	7	7.7
		COMPRESSOR CURRENT (A)	3.1	3.6	3.9	4.4	5	5.7	6.4	7.2
		INDOOR COIL TEMP DROP (°F)	23	23	23	22	21	21	20	19
	1865	LIQUID PRESSURE (PSIG)	200	236	272	317	363	419	475	532
		LIQUID TEMPERATURE (°F)	62	72	83	93	103	112	122	131
		LIQUID SUBCOOLING (°F)	7	7	5	6	6	7	7	6
		SUCTION PRESSURE (PSIG)	117	121	124	127	129	132	135	138
		SUCTION TEMPERATURE (°F)	58	54	51	52	52	54	55	57
		SUCTION SUPERHEAT (°F)	18	13	8	8	7	8	8	8
		OUTDOOR UNIT CURRENT (A)	3.7	4.1	4.4	5	5.5	6.2	6.9	7.6
		COMPRESSOR CURRENT (A)	3.1	3.5	3.9	4.4	4.9	5.6	6.4	7
		INDOOR COIL TEMP DROP (°F)	22	22	22	21	21	20	19	19

Continued on next page.

THE60B4(1,2)S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
80/62	1365	LIQUID PRESSURE (PSIG)	199	236	274	318	363	419	475	531
		LIQUID TEMPERATURE (°F)	62	72	83	93	103	112	122	131
		LIQUID SUBCOOLING (°F)	7	7	6	7	6	7	7	6
		SUCTION PRESSURE (PSIG)	111	114	117	120	122	126	129	132
		SUCTION TEMPERATURE (°F)	51	49	47	48	48	50	51	53
		SUCTION SUPERHEAT (°F)	14	11	8	7	6	7	7	7
		OUTDOOR UNIT CURRENT (A)	3.7	4.1	4.4	5	5.5	6.2	6.9	7.6
		COMPRESSOR CURRENT (A)	3.1	3.5	3.9	4.4	4.9	5.6	6.4	7
		INDOOR COIL TEMP DROP (°F)	31	31	30	29	29	28	27	26
	1615	LIQUID PRESSURE (PSIG)	199	236	273	318	362	419	475	531
		LIQUID TEMPERATURE (°F)	61	72	82	92	102	111	121	130
		LIQUID SUBCOOLING (°F)	7	7	6	7	7	8	8	7
		SUCTION PRESSURE (PSIG)	115	118	121	124	127	130	134	137
		SUCTION TEMPERATURE (°F)	64	61	58	58	58	60	62	64
		SUCTION SUPERHEAT (°F)	26	21	16	15	15	15	15	16
		OUTDOOR UNIT CURRENT (A)	3.8	4.2	4.5	5	5.5	6.3	7	7.8
		COMPRESSOR CURRENT (A)	3.2	3.6	4	4.5	5	5.7	6.5	7.2
		INDOOR COIL TEMP DROP (°F)	27	27	27	26	25	24	24	23
	1865	LIQUID PRESSURE (PSIG)	200	238	275	320	365	422	478	535
		LIQUID TEMPERATURE (°F)	62	73	84	94	104	113	123	132
		LIQUID SUBCOOLING (°F)	7	7	6	6	6	7	7	6
		SUCTION PRESSURE (PSIG)	117	121	125	127	130	133	137	140
		SUCTION TEMPERATURE (°F)	60	56	52	52	52	54	56	57
		SUCTION SUPERHEAT (°F)	20	15	9	8	7	7	8	8
		OUTDOOR UNIT CURRENT (A)	1.9	2.1	2.3	2.5	2.8	3.2	3.6	4
		COMPRESSOR CURRENT (A)	1.4	1.6	1.8	2	2.3	2.7	3.1	3.5
		INDOOR COIL TEMP DROP (°F)	26	26	26	25	25	24	23	22
80/67	1365	LIQUID PRESSURE (PSIG)	201	238	276	321	367	423	479	536
		LIQUID TEMPERATURE (°F)	62	73	84	94	104	113	123	132
		LIQUID SUBCOOLING (°F)	7	7	5	6	6	7	7	6
		SUCTION PRESSURE (PSIG)	118	123	128	131	133	136	139	143
		SUCTION TEMPERATURE (°F)	60	57	53	54	54	56	58	60
		SUCTION SUPERHEAT (°F)	20	15	9	8	8	8	9	9
		OUTDOOR UNIT CURRENT (A)	3.7	4.1	4.5	5	5.5	6.3	7	7.7
		COMPRESSOR CURRENT (A)	3.1	3.5	3.9	4.4	5	5.7	6.4	7.2
		INDOOR COIL TEMP DROP (°F)	26	26	26	25	24	23	22	22
	1615	LIQUID PRESSURE (PSIG)	201	238	275	321	366	422	478	534
		LIQUID TEMPERATURE (°F)	61	72	84	93	103	112	122	131
		LIQUID SUBCOOLING (°F)	8	8	6	7	6	7	8	7
		SUCTION PRESSURE (PSIG)	120	126	132	135	138	141	144	147
		SUCTION TEMPERATURE (°F)	74	70	66	66	65	67	69	71
		SUCTION SUPERHEAT (°F)	33	26	19	18	17	18	18	19
		OUTDOOR UNIT CURRENT (A)	3.8	4.2	4.6	5.1	5.6	6.4	7.1	7.8
		COMPRESSOR CURRENT (A)	3.2	3.6	4	4.5	5.1	5.8	6.6	7.3
		INDOOR COIL TEMP DROP (°F)	22	22	22	22	21	20	20	19
	1865	LIQUID PRESSURE (PSIG)	203	240	278	323	369	425	481	537
		LIQUID TEMPERATURE (°F)	62	73	85	95	105	114	124	133
		LIQUID SUBCOOLING (°F)	8	7	5	6	5	6	6	6
		SUCTION PRESSURE (PSIG)	121	128	135	138	141	144	147	150
		SUCTION TEMPERATURE (°F)	67	64	60	59	58	60	61	62
		SUCTION SUPERHEAT (°F)	26	19	13	11	9	9	9	9
		OUTDOOR UNIT CURRENT (A)	3.7	4.1	4.5	5	5.5	6.2	7	7.7
		COMPRESSOR CURRENT (A)	3.1	3.6	3.9	4.5	5	5.7	6.4	7.2
		INDOOR COIL TEMP DROP (°F)	20	21	21	21	20	20	19	18

Continued on next page.

THE60B4(1,2)S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1365	LIQUID PRESSURE (PSIG)	203	239	276	322	368	424	481	537
		LIQUID TEMPERATURE (°F)	61	73	84	94	105	114	124	133
		LIQUID SUBCOOLING (°F)	8	7	6	6	5	6	6	6
		SUCTION PRESSURE (PSIG)	121	129	138	142	146	149	153	156
		SUCTION TEMPERATURE (°F)	68	65	63	62	60	62	63	65
		SUCTION SUPERHEAT (°F)	27	20	14	12	9	9	9	10
		OUTDOOR UNIT CURRENT (A)	3.7	4.1	4.5	5	5.5	6.3	7	7.7
		COMPRESSOR CURRENT (A)	3.1	3.5	3.9	4.4	5	5.7	6.4	7.2
		INDOOR COIL TEMP DROP (°F)	20	20	21	20	19	18	18	17
	1615	LIQUID PRESSURE (PSIG)	202	239	275	321	367	423	479	535
		LIQUID TEMPERATURE (°F)	60	72	83	94	104	113	123	132
		LIQUID SUBCOOLING (°F)	9	8	6	6	5	7	7	7
		SUCTION PRESSURE (PSIG)	123	132	141	146	150	154	157	160
		SUCTION TEMPERATURE (°F)	81	78	75	74	73	74	76	77
		SUCTION SUPERHEAT (°F)	39	32	26	23	20	20	20	20
		OUTDOOR UNIT CURRENT (A)	3.8	4.2	4.6	5.1	5.6	6.4	7.1	7.8
		COMPRESSOR CURRENT (A)	3.2	3.6	4	4.5	5.1	5.8	6.6	7.3
		INDOOR COIL TEMP DROP (°F)	17	17	18	17	17	16	15	15
	1865	LIQUID PRESSURE (PSIG)	204	241	278	324	370	426	482	539
		LIQUID TEMPERATURE (°F)	61	73	84	95	106	115	124	134
		LIQUID SUBCOOLING (°F)	9	8	6	6	4	6	6	5
		SUCTION PRESSURE (PSIG)	123	133	143	148	153	156	159	162
		SUCTION TEMPERATURE (°F)	71	69	67	66	65	66	67	68
		SUCTION SUPERHEAT (°F)	29	23	17	14	11	11	11	10
		OUTDOOR UNIT CURRENT (A)	3.7	4.1	4.5	5	5.6	6.3	7	7.7
		COMPRESSOR CURRENT (A)	3.1	3.6	3.9	4.5	5	5.7	6.5	7.2
		INDOOR COIL TEMP DROP (°F)	15	16	17	16	16	15	15	14

THE60B4(1,2)S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1365	LIQUID PRESSURE (PSIG)	364	336	321	305	283	271
		LIQUID TEMPERATURE (°F)	91	83	78	71	63	59
		LIQUID SUBCOOLING (°F)	19	21	23	26	29	30
		SUCTION PRESSURE (PSIG)	128	103	90	75	57	49
		SUCTION TEMPERATURE (°F)	56	42	34	26	15	8
		SUCTION SUPERHEAT (°F)	12	9	8	8	9	8
		OUTDOOR UNIT CURRENT (A)	5.7	5.1	5.1	4.9	4.6	4.6
		COMPRESSOR CURRENT (A)	5.2	4.6	4.6	4.3	4	4
		INDOOR COIL TEMP RISE (°F)	45	39	35	31	25	22
	1615	LIQUID PRESSURE (PSIG)	340	315	302	288	270	260
		LIQUID TEMPERATURE (°F)	86	80	75	68	61	58
		LIQUID SUBCOOLING (°F)	19	20	22	25	28	29
		SUCTION PRESSURE (PSIG)	126	103	90	74	57	49
		SUCTION TEMPERATURE (°F)	57	42	34	26	15	8
		SUCTION SUPERHEAT (°F)	14	9	8	9	9	8
		OUTDOOR UNIT CURRENT (A)	5.6	5.4	4.9	5.1	4.6	4.3
		COMPRESSOR CURRENT (A)	4.6	4.3	4.3	4	4	3.8
		INDOOR COIL TEMP RISE (°F)	39	34	31	26	22	19
	1865	LIQUID PRESSURE (PSIG)	315	294	284	271	258	248
		LIQUID TEMPERATURE (°F)	81	77	72	66	60	57
		LIQUID SUBCOOLING (°F)	19	18	20	23	26	26
		SUCTION PRESSURE (PSIG)	124	102	89	73	58	48
		SUCTION TEMPERATURE (°F)	58	42	34	25	15	8
		SUCTION SUPERHEAT (°F)	16	10	8	8	8	8
		OUTDOOR UNIT CURRENT (A)	5.4	4.9	4.6	4.6	4.3	4.3
		COMPRESSOR CURRENT (A)	4.3	4.3	4	4	3.8	3.8
		INDOOR COIL TEMP RISE (°F)	34	29	26	22	19	16
70	1365	LIQUID PRESSURE (PSIG)	411	382	367	349	322	312
		LIQUID TEMPERATURE (°F)	99	91	85	78	71	68
		LIQUID SUBCOOLING (°F)	20	22	25	29	30	31
		SUCTION PRESSURE (PSIG)	129	104	91	75	57	50
		SUCTION TEMPERATURE (°F)	56	42	35	26	15	10
		SUCTION SUPERHEAT (°F)	11	9	8	8	9	9
		OUTDOOR UNIT CURRENT (A)	6.3	5.7	5.7	5.4	5.1	5.4
		COMPRESSOR CURRENT (A)	5.8	5.2	5.2	4.9	4.6	4.3
		INDOOR COIL TEMP RISE (°F)	44	38	34	30	24	22
	1615	LIQUID PRESSURE (PSIG)	385	360	347	331	311	300
		LIQUID TEMPERATURE (°F)	95	88	83	76	70	67
		LIQUID SUBCOOLING (°F)	19	21	23	27	29	29
		SUCTION PRESSURE (PSIG)	128	104	90	73	58	50
		SUCTION TEMPERATURE (°F)	56	42	35	25	15	9
		SUCTION SUPERHEAT (°F)	12	9	9	8	8	8
		OUTDOOR UNIT CURRENT (A)	6.2	5.4	5.4	5.1	4.9	4.9
		COMPRESSOR CURRENT (A)	5.2	4.9	4.9	4.6	4.3	4.3
		INDOOR COIL TEMP RISE (°F)	38	33	30	26	21	19
	1865	LIQUID PRESSURE (PSIG)	358	337	327	312	299	288
		LIQUID TEMPERATURE (°F)	91	85	80	74	69	66
		LIQUID SUBCOOLING (°F)	18	19	22	25	27	27
		SUCTION PRESSURE (PSIG)	127	103	90	71	58	50
		SUCTION TEMPERATURE (°F)	56	42	34	24	16	9
		SUCTION SUPERHEAT (°F)	12	9	8	8	9	8
		OUTDOOR UNIT CURRENT (A)	5.4	4.2	5.1	5.4	4.9	5.1
		COMPRESSOR CURRENT (A)	4.9	5.2	4.6	4.3	4.3	4
		INDOOR COIL TEMP RISE (°F)	33	28	25	21	18	16

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THE60B4(1,2)S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1365	LIQUID PRESSURE (PSIG)	458	428	413	393	362	354
		LIQUID TEMPERATURE (°F)	107	98	93	86	79	77
		LIQUID SUBCOOLING (°F)	20	24	26	30	30	31
		SUCTION PRESSURE (PSIG)	131	105	92	76	58	51
		SUCTION TEMPERATURE (°F)	56	41	35	27	15	12
		SUCTION SUPERHEAT (°F)	11	7	8	8	8	10
		OUTDOOR UNIT CURRENT (A)	6.9	6.3	6.5	6.2	5.4	5.4
		COMPRESSOR CURRENT (A)	6.4	5.8	5.5	5.2	4.9	4.9
		INDOOR COIL TEMP RISE (°F)	43	37	34	29	24	21
	1615	LIQUID PRESSURE (PSIG)	430	404	392	373	351	341
		LIQUID TEMPERATURE (°F)	104	96	91	83	78	76
		LIQUID SUBCOOLING (°F)	18	22	24	29	29	29
		SUCTION PRESSURE (PSIG)	130	105	91	73	58	51
		SUCTION TEMPERATURE (°F)	55	42	35	24	16	11
		SUCTION SUPERHEAT (°F)	10	8	8	7	9	9
		OUTDOOR UNIT CURRENT (A)	6.8	6	6	5.7	5.4	5.6
		COMPRESSOR CURRENT (A)	5.8	5.5	5.5	5.2	4.9	4.6
		INDOOR COIL TEMP RISE (°F)	38	32	29	25	21	18
	1865	LIQUID PRESSURE (PSIG)	402	380	371	353	340	328
		LIQUID TEMPERATURE (°F)	101	93	88	81	77	75
		LIQUID SUBCOOLING (°F)	16	20	23	27	28	27
		SUCTION PRESSURE (PSIG)	129	104	91	70	59	51
		SUCTION TEMPERATURE (°F)	55	42	35	22	16	10
		SUCTION SUPERHEAT (°F)	10	9	8	7	8	8
		OUTDOOR UNIT CURRENT (A)	6	5.7	5.7	5.4	5.1	5.1
		COMPRESSOR CURRENT (A)	5.5	5.2	5.2	4.9	4.6	4.6
		INDOOR COIL TEMP RISE (°F)	32	27	25	21	18	16

FOR USE WITH MODELS WITH TXV:

YHG18B21S
CH6B1821S
TH6B1821S
RHP16L18B21S

YHG18B21S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	206 (14)	209 (15)	213 (16)	216 (16)
60	226 (14)	228 (15)	232 (16)	236 (16)
65	246 (14)	248 (15)	252 (16)	255 (16)
70	265 (14)	267 (15)	271 (16)	274 (16)
75	285 (14)	287 (15)	290 (16)	294 (16)
80	309 (15)	311 (15)	315 (16)	319 (16)
85	334 (15)	336 (16)	340 (16)	344 (17)
90	359 (15)	361 (16)	365 (16)	369 (17)
95	384 (16)	385 (16)	389 (17)	394 (17)
100	419 (17)	420 (17)	425 (17)	429 (18)
105	454 (18)	455 (18)	461 (18)	465 (18)
110	490 (18)	490 (18)	496 (19)	500 (19)
115	525 (19)	525 (19)	532 (20)	536 (20)
120	560 (20)	560 (20)	567 (20)	571 (20)
125	596 (20)	595 (20)	603 (21)	606 (21)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHG18B21S W/ CM24B COIL SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	192 (6)	194 (6)	198 (6)	201 (6)
60	211 (6)	212 (6)	216 (6)	219 (6)
65	229 (6)	230 (6)	234 (6)	237 (6)
70	247 (6)	248 (6)	252 (6)	255 (6)
75	265 (6)	267 (6)	270 (6)	273 (6)
80	288 (6)	290 (6)	293 (6)	297 (7)
85	311 (6)	313 (6)	316 (7)	320 (7)
90	334 (6)	336 (6)	339 (7)	343 (7)
95	357 (6)	359 (6)	362 (7)	367 (7)
100	390 (7)	391 (7)	395 (7)	399 (7)
105	423 (7)	424 (7)	429 (7)	432 (7)
110	456 (7)	456 (7)	462 (8)	465 (8)
115	489 (7)	489 (8)	495 (8)	498 (8)
120	522 (8)	521 (8)	528 (8)	531 (8)
125	554 (8)	554 (8)	561 (8)	564 (8)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHG18B21S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	500	LIQUID PRESSURE (PSIG)	209	248	287	338	389	459	530	600
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	15	15	15	16	17	18	20	21
		SUCTION PRESSURE (PSIG)	125	127	129	131	132	135	137	140
		SUCTION TEMPERATURE (°F)	57	58	60	62	64	68	71	75
		SUCTION SUPERHEAT (°F)	15	15	15	18	20	23	27	30
		OUTDOOR UNIT CURRENT (A)	3.2	3.6	4.1	4.8	5.5	6.6	7.8	9.0
		COMPRESSOR CURRENT (A)	2.7	3.2	3.7	4.4	5.0	6.2	7.4	8.6
		INDOOR COIL TEMP DROP (°F)	24	23	23	20	17	18	18	19
	650	LIQUID PRESSURE (PSIG)	210	249	288	338	389	460	531	602
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	15	15	15	16	17	18	20	21
		SUCTION PRESSURE (PSIG)	130	132	135	136	138	140	142	144
		SUCTION TEMPERATURE (°F)	60	61	62	64	66	69	73	76
		SUCTION SUPERHEAT (°F)	15	15	15	17	18	22	26	29
		OUTDOOR UNIT CURRENT (A)	3.2	3.6	4.1	4.8	5.4	6.6	7.8	9.0
		COMPRESSOR CURRENT (A)	2.7	3.2	3.7	4.3	5.0	6.2	7.4	8.5
		INDOOR COIL TEMP DROP (°F)	22	21	21	18	16	16	17	17
	800	LIQUID PRESSURE (PSIG)	211	250	289	339	388	460	532	603
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	15	15	16	16	17	18	20	21
		SUCTION PRESSURE (PSIG)	136	138	140	142	143	145	147	149
		SUCTION TEMPERATURE (°F)	62	63	65	66	67	70	74	77
		SUCTION SUPERHEAT (°F)	14	15	16	16	17	21	24	28
		OUTDOOR UNIT CURRENT (A)	3.1	3.6	4.1	4.7	5.4	6.6	7.8	8.9
		COMPRESSOR CURRENT (A)	2.7	3.2	3.7	4.3	5.0	6.2	7.3	8.5
		INDOOR COIL TEMP DROP (°F)	20	19	19	16	14	14	15	15
80/57	500	LIQUID PRESSURE (PSIG)	204	243	283	332	382	452	523	593
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	14	14	14	15	15	17	18	20
		SUCTION PRESSURE (PSIG)	116	119	122	125	129	133	137	142
		SUCTION TEMPERATURE (°F)	54	56	58	60	62	67	71	76
		SUCTION SUPERHEAT (°F)	16	17	17	19	20	23	27	30
		OUTDOOR UNIT CURRENT (A)	3.3	3.7	4.1	4.7	5.4	6.6	7.7	8.8
		COMPRESSOR CURRENT (A)	2.7	3.2	3.7	4.3	5.0	6.1	7.2	8.4
		INDOOR COIL TEMP DROP (°F)	31	30	29	28	27	25	24	22
	650	LIQUID PRESSURE (PSIG)	206	246	285	290	295	395	495	596
		LIQUID TEMPERATURE (°F)	58	68	78	78	78	94	111	127
		LIQUID SUBCOOLING (°F)	14	14	14	15	15	16	18	20
		SUCTION PRESSURE (PSIG)	124	128	131	131	131	137	143	149
		SUCTION TEMPERATURE (°F)	58	60	62	62	62	68	73	78
		SUCTION SUPERHEAT (°F)	16	16	17	17	18	22	25	29
		OUTDOOR UNIT CURRENT (A)	3.3	3.7	4.1	4.2	4.3	5.8	7.3	8.8
		COMPRESSOR CURRENT (A)	2.7	3.2	3.6	3.7	3.8	5.3	6.8	8.4
		INDOOR COIL TEMP DROP (°F)	27	27	26	25	25	23	21	19
	800	LIQUID PRESSURE (PSIG)	208	248	287	248	208	338	468	598
		LIQUID TEMPERATURE (°F)	58	68	78	68	58	81	105	128
		LIQUID SUBCOOLING (°F)	14	14	15	14	14	16	18	20
		SUCTION PRESSURE (PSIG)	133	137	140	137	134	142	149	157
		SUCTION TEMPERATURE (°F)	62	64	66	64	62	68	74	80
		SUCTION SUPERHEAT (°F)	16	16	17	16	16	20	24	28
		OUTDOOR UNIT CURRENT (A)	3.3	3.7	4.1	3.6	3.1	5.0	6.9	8.7
		COMPRESSOR CURRENT (A)	2.7	3.2	3.6	3.2	2.7	4.6	6.4	8.3
		INDOOR COIL TEMP DROP (°F)	24	23	22	23	23	21	19	16

Continued on next page.

YHG18B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	500	LIQUID PRESSURE (PSIG)	208	247	285	335	385	454	524	594
		LIQUID TEMPERATURE (°F)	57	67	77	87	98	107	117	127
		LIQUID SUBCOOLING (°F)	15	15	15	16	16	18	19	21
		SUCTION PRESSURE (PSIG)	124	127	129	132	134	136	139	141
		SUCTION TEMPERATURE (°F)	56	58	60	63	65	69	72	75
		SUCTION SUPERHEAT (°F)	14	15	16	18	20	24	27	30
		OUTDOOR UNIT CURRENT (A)	3.2	3.6	4.1	4.7	5.4	6.5	7.6	8.8
		COMPRESSOR CURRENT (A)	2.7	3.2	3.6	4.3	5.0	6.1	7.2	8.3
		INDOOR COIL TEMP DROP (°F)	27	27	27	26	25	24	23	22
	650	LIQUID PRESSURE (PSIG)	209	248	287	336	385	455	525	595
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	15	15	15	16	16	18	19	20
		SUCTION PRESSURE (PSIG)	130	133	135	137	140	143	146	149
		SUCTION TEMPERATURE (°F)	60	61	63	65	67	70	74	78
		SUCTION SUPERHEAT (°F)	15	15	16	17	19	22	25	29
		OUTDOOR UNIT CURRENT (A)	3.2	3.6	4.1	4.7	5.4	6.5	7.6	8.7
		COMPRESSOR CURRENT (A)	2.7	3.2	3.6	4.3	4.9	6.1	7.2	8.3
		INDOOR COIL TEMP DROP (°F)	25	25	25	24	23	22	20	19
	800	LIQUID PRESSURE (PSIG)	209	249	288	337	386	456	526	596
		LIQUID TEMPERATURE (°F)	58	68	78	88	97	107	117	127
		LIQUID SUBCOOLING (°F)	15	15	15	16	16	18	19	20
		SUCTION PRESSURE (PSIG)	137	139	141	143	145	149	153	157
		SUCTION TEMPERATURE (°F)	63	64	65	67	68	72	76	80
		SUCTION SUPERHEAT (°F)	15	16	16	17	17	21	24	28
		OUTDOOR UNIT CURRENT (A)	3.1	3.6	4.1	4.7	5.3	6.5	7.6	8.7
		COMPRESSOR CURRENT (A)	2.7	3.2	3.6	4.3	4.9	6.0	7.2	8.3
		INDOOR COIL TEMP DROP (°F)	23	23	23	22	21	20	18	16
80/67	500	LIQUID PRESSURE (PSIG)	212	250	289	338	388	460	532	603
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	16	16	16	16	17	18	20	21
		SUCTION PRESSURE (PSIG)	137	139	141	144	147	149	151	153
		SUCTION TEMPERATURE (°F)	62	63	65	67	69	72	75	78
		SUCTION SUPERHEAT (°F)	13	14	15	16	18	21	24	28
		OUTDOOR UNIT CURRENT (A)	3.1	3.6	4.1	4.7	5.4	6.5	7.7	8.9
		COMPRESSOR CURRENT (A)	2.7	3.2	3.6	4.3	4.9	6.1	7.3	8.4
		INDOOR COIL TEMP DROP (°F)	24	24	23	22	22	21	20	19
	650	LIQUID PRESSURE (PSIG)	213	252	290	340	389	461	532	603
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	16	16	16	16	17	18	20	21
		SUCTION PRESSURE (PSIG)	143	145	146	149	152	154	156	158
		SUCTION TEMPERATURE (°F)	65	66	68	69	71	74	77	80
		SUCTION SUPERHEAT (°F)	14	15	16	17	18	21	24	26
		OUTDOOR UNIT CURRENT (A)	3.1	3.6	4.1	4.7	5.4	6.5	7.7	8.8
		COMPRESSOR CURRENT (A)	2.7	3.2	3.6	4.3	4.9	6.1	7.2	8.4
		INDOOR COIL TEMP DROP (°F)	22	21	21	20	20	19	18	17
	800	LIQUID PRESSURE (PSIG)	214	253	291	341	391	462	532	603
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	16	16	16	16	17	18	20	21
		SUCTION PRESSURE (PSIG)	148	150	151	154	157	159	161	163
		SUCTION TEMPERATURE (°F)	68	69	70	72	73	76	78	81
		SUCTION SUPERHEAT (°F)	15	16	17	17	17	20	23	25
		OUTDOOR UNIT CURRENT (A)	3.1	3.6	4.0	4.7	5.3	6.5	7.6	8.8
		COMPRESSOR CURRENT (A)	2.7	3.2	3.6	4.3	4.9	6.1	7.2	8.4
		INDOOR COIL TEMP DROP (°F)	20	19	18	18	18	17	16	15

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YHG18B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	500	LIQUID PRESSURE (PSIG)	215	254	292	343	393	463	533	603
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	16	16	16	16	17	18	20	21
		SUCTION PRESSURE (PSIG)	149	152	154	157	159	162	165	168
		SUCTION TEMPERATURE (°F)	68	69	71	72	74	77	79	81
		SUCTION SUPERHEAT (°F)	14	15	16	17	18	19	21	23
		OUTDOOR UNIT CURRENT (A)	3.1	3.6	4.0	4.7	5.4	6.5	7.6	8.7
		COMPRESSOR CURRENT (A)	2.7	3.2	3.6	4.3	4.9	6.1	7.2	8.3
		INDOOR COIL TEMP DROP (°F)	19	19	19	18	17	17	16	15
	650	LIQUID PRESSURE (PSIG)	216	255	294	344	394	465	536	606
		LIQUID TEMPERATURE (°F)	59	68	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	16	16	16	17	17	18	20	21
		SUCTION PRESSURE (PSIG)	154	157	159	161	164	167	169	172
		SUCTION TEMPERATURE (°F)	71	72	73	75	76	78	81	83
		SUCTION SUPERHEAT (°F)	16	16	17	18	18	20	21	23
		OUTDOOR UNIT CURRENT (A)	3.1	3.6	4.0	4.7	5.4	6.5	7.6	8.8
		COMPRESSOR CURRENT (A)	2.7	3.2	3.6	4.3	4.9	6.1	7.2	8.4
		INDOOR COIL TEMP DROP (°F)	17	17	17	16	15	15	14	14
	800	LIQUID PRESSURE (PSIG)	217	256	295	345	395	467	538	609
		LIQUID TEMPERATURE (°F)	59	69	79	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	16	16	16	17	17	18	20	21
		SUCTION PRESSURE (PSIG)	159	161	164	166	168	171	173	176
		SUCTION TEMPERATURE (°F)	74	75	76	77	79	80	82	84
		SUCTION SUPERHEAT (°F)	17	17	18	18	19	20	22	23
		OUTDOOR UNIT CURRENT (A)	3.1	3.6	4.0	4.7	5.3	6.5	7.6	8.8
		COMPRESSOR CURRENT (A)	2.7	3.2	3.6	4.3	4.9	6.1	7.2	8.4
		INDOOR COIL TEMP DROP (°F)	15	15	14	14	13	13	13	12

YHG18B21S W/ CM24B COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
75/62	500	LIQUID PRESSURE (PSIG)	194	231	267	314	362	427	493	558
		LIQUID TEMPERATURE (°F)	60	70	81	92	102	112	123	133
		LIQUID SUBCOOLING (°F)	6	6	6	6	7	7	8	9
		SUCTION PRESSURE (PSIG)	124	126	129	130	132	134	137	139
		SUCTION TEMPERATURE (°F)	56	58	59	61	64	67	70	74
		SUCTION SUPERHEAT (°F)	14	14	15	17	19	22	26	29
		OUTDOOR UNIT CURRENT (A)	2.9	3.4	3.8	4.4	5.1	6.2	7.2	8.3
		COMPRESSOR CURRENT (A)	2.6	3.0	3.4	4.1	4.7	5.8	6.9	8.0
		INDOOR COIL TEMP DROP (°F)	25	24	24	21	18	19	19	19
	650	LIQUID PRESSURE (PSIG)	195	232	268	315	361	428	494	560
		LIQUID TEMPERATURE (°F)	60	71	81	92	102	113	123	133
		LIQUID SUBCOOLING (°F)	6	6	6	6	7	7	8	9
		SUCTION PRESSURE (PSIG)	130	132	134	136	137	139	142	144
		SUCTION TEMPERATURE (°F)	59	60	61	63	65	68	72	75
		SUCTION SUPERHEAT (°F)	14	14	15	16	18	21	24	28
		OUTDOOR UNIT CURRENT (A)	2.9	3.4	3.8	4.4	5.0	6.1	7.2	8.3
		COMPRESSOR CURRENT (A)	2.5	3.0	3.4	4.1	4.7	5.8	6.9	8.0
		INDOOR COIL TEMP DROP (°F)	23	22	21	19	16	17	17	18
	800	LIQUID PRESSURE (PSIG)	196	233	269	315	361	428	495	561
		LIQUID TEMPERATURE (°F)	60	71	81	92	102	113	123	133
		LIQUID SUBCOOLING (°F)	6	6	6	6	7	7	8	9
		SUCTION PRESSURE (PSIG)	135	137	139	141	143	145	147	148
		SUCTION TEMPERATURE (°F)	61	62	64	65	66	69	73	76
		SUCTION SUPERHEAT (°F)	14	14	15	15	16	20	23	27
		OUTDOOR UNIT CURRENT (A)	2.9	3.4	3.8	4.4	5.0	6.1	7.2	8.3
		COMPRESSOR CURRENT (A)	2.5	3.0	3.4	4.0	4.7	5.8	6.9	8.0
		INDOOR COIL TEMP DROP (°F)	20	20	19	17	14	15	15	16
80/57	500	LIQUID PRESSURE (PSIG)	190	227	263	309	355	421	486	552
		LIQUID TEMPERATURE (°F)	60	70	81	92	102	113	123	133
		LIQUID SUBCOOLING (°F)	6	6	6	6	6	7	7	8
		SUCTION PRESSURE (PSIG)	115	118	122	125	128	132	137	141
		SUCTION TEMPERATURE (°F)	53	55	57	59	62	66	70	74
		SUCTION SUPERHEAT (°F)	15	16	17	18	19	22	26	29
		OUTDOOR UNIT CURRENT (A)	3.0	3.4	3.8	4.4	5.0	6.1	7.1	8.2
		COMPRESSOR CURRENT (A)	2.6	3.0	3.4	4.0	4.6	5.7	6.8	7.8
		INDOOR COIL TEMP DROP (°F)	32	32	31	29	28	26	25	23
	650	LIQUID PRESSURE (PSIG)	192	228	265	311	357	423	488	554
		LIQUID TEMPERATURE (°F)	60	71	81	92	102	113	123	134
		LIQUID SUBCOOLING (°F)	6	6	6	6	6	7	8	8
		SUCTION PRESSURE (PSIG)	124	127	131	133	136	140	145	149
		SUCTION TEMPERATURE (°F)	57	59	61	63	64	69	73	77
		SUCTION SUPERHEAT (°F)	15	16	16	17	18	21	24	28
		OUTDOOR UNIT CURRENT (A)	3.0	3.4	3.8	4.4	5.0	6.0	7.1	8.2
		COMPRESSOR CURRENT (A)	2.5	3.0	3.4	4.0	4.6	5.7	6.7	7.8
		INDOOR COIL TEMP DROP (°F)	29	28	27	26	25	23	22	20
	800	LIQUID PRESSURE (PSIG)	194	230	267	313	359	425	491	557
		LIQUID TEMPERATURE (°F)	61	71	82	92	102	113	123	134
		LIQUID SUBCOOLING (°F)	5	6	6	6	7	7	8	8
		SUCTION PRESSURE (PSIG)	133	136	140	142	145	149	152	156
		SUCTION TEMPERATURE (°F)	61	63	65	66	67	71	75	79
		SUCTION SUPERHEAT (°F)	15	15	16	16	17	20	23	27
		OUTDOOR UNIT CURRENT (A)	3.0	3.4	3.8	4.4	5.0	6.0	7.1	8.1
		COMPRESSOR CURRENT (A)	2.5	3.0	3.4	4.0	4.6	5.7	6.7	7.8
		INDOOR COIL TEMP DROP (°F)	25	24	23	23	22	20	19	17

Continued on next page.

YHG18B21S W/ CM24B COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
80/62	500	LIQUID PRESSURE (PSIG)	194	229	265	312	358	423	488	552
		LIQUID TEMPERATURE (°F)	60	70	81	92	102	112	123	133
		LIQUID SUBCOOLING (°F)	6	6	6	6	6	7	8	8
		SUCTION PRESSURE (PSIG)	123	126	129	131	133	136	138	141
		SUCTION TEMPERATURE (°F)	56	57	59	62	64	68	71	74
		SUCTION SUPERHEAT (°F)	14	14	15	17	19	22	26	29
		OUTDOOR UNIT CURRENT (A)	2.9	3.4	3.8	4.4	5.0	6.0	7.1	8.1
		COMPRESSOR CURRENT (A)	2.6	3.0	3.4	4.0	4.6	5.7	6.7	7.8
		INDOOR COIL TEMP DROP (°F)	29	28	28	27	27	25	24	23
	650	LIQUID PRESSURE (PSIG)	194	230	267	313	359	424	489	554
		LIQUID TEMPERATURE (°F)	60	71	81	92	102	113	123	133
		LIQUID SUBCOOLING (°F)	6	6	6	6	6	7	8	8
		SUCTION PRESSURE (PSIG)	130	132	134	137	139	142	145	149
		SUCTION TEMPERATURE (°F)	59	60	62	64	66	69	73	77
		SUCTION SUPERHEAT (°F)	14	15	15	17	18	21	24	27
		OUTDOOR UNIT CURRENT (A)	2.9	3.3	3.8	4.4	5.0	6.0	7.1	8.1
		COMPRESSOR CURRENT (A)	2.5	3.0	3.4	4.0	4.6	5.7	6.7	7.8
		INDOOR COIL TEMP DROP (°F)	26	26	26	25	24	23	21	20
	800	LIQUID PRESSURE (PSIG)	195	231	268	313	359	424	490	555
		LIQUID TEMPERATURE (°F)	60	71	81	92	102	113	123	133
		LIQUID SUBCOOLING (°F)	6	6	6	6	7	7	8	8
		SUCTION PRESSURE (PSIG)	136	138	140	142	145	149	153	156
		SUCTION TEMPERATURE (°F)	62	63	64	66	67	71	75	79
		SUCTION SUPERHEAT (°F)	15	15	15	16	17	20	23	26
		OUTDOOR UNIT CURRENT (A)	2.9	3.3	3.8	4.4	5.0	6.0	7.0	8.1
		COMPRESSOR CURRENT (A)	2.5	3.0	3.4	4.0	4.6	5.6	6.7	7.7
		INDOOR COIL TEMP DROP (°F)	24	24	23	23	22	20	19	17
80/67	500	LIQUID PRESSURE (PSIG)	197	233	269	315	361	428	494	561
		LIQUID TEMPERATURE (°F)	60	71	81	92	102	113	123	133
		LIQUID SUBCOOLING (°F)	6	6	6	6	7	7	8	9
		SUCTION PRESSURE (PSIG)	137	139	141	144	146	148	150	152
		SUCTION TEMPERATURE (°F)	61	63	64	66	68	71	74	77
		SUCTION SUPERHEAT (°F)	13	14	14	16	17	20	23	26
		OUTDOOR UNIT CURRENT (A)	2.9	3.3	3.8	4.4	5.0	6.1	7.1	8.2
		COMPRESSOR CURRENT (A)	2.5	3.0	3.4	4.0	4.6	5.7	6.8	7.9
		INDOOR COIL TEMP DROP (°F)	25	25	24	23	23	22	20	19
	650	LIQUID PRESSURE (PSIG)	198	234	270	316	362	429	495	561
		LIQUID TEMPERATURE (°F)	61	71	81	92	102	113	123	134
		LIQUID SUBCOOLING (°F)	6	6	6	7	7	7	8	8
		SUCTION PRESSURE (PSIG)	142	144	146	149	151	153	155	157
		SUCTION TEMPERATURE (°F)	64	65	67	68	70	73	76	78
		SUCTION SUPERHEAT (°F)	14	14	15	16	17	20	22	25
		OUTDOOR UNIT CURRENT (A)	2.9	3.3	3.8	4.4	5.0	6.0	7.1	8.2
		COMPRESSOR CURRENT (A)	2.5	3.0	3.4	4.0	4.6	5.7	6.8	7.8
		INDOOR COIL TEMP DROP (°F)	23	22	21	21	21	20	19	18
	800	LIQUID PRESSURE (PSIG)	199	235	271	317	364	429	495	561
		LIQUID TEMPERATURE (°F)	61	71	82	92	103	113	123	134
		LIQUID SUBCOOLING (°F)	6	6	6	7	7	7	8	8
		SUCTION PRESSURE (PSIG)	147	149	151	153	156	158	160	162
		SUCTION TEMPERATURE (°F)	67	68	69	71	72	75	77	80
		SUCTION SUPERHEAT (°F)	15	15	16	16	17	19	22	24
		OUTDOOR UNIT CURRENT (A)	2.9	3.3	3.8	4.4	5.0	6.0	7.1	8.2
		COMPRESSOR CURRENT (A)	2.5	3.0	3.4	4.0	4.6	5.7	6.7	7.8
		INDOOR COIL TEMP DROP (°F)	20	20	19	19	18	18	17	16

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YHG18B21S W/ CM24B COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	500	LIQUID PRESSURE (PSIG)	200	236	272	319	365	431	496	561
		LIQUID TEMPERATURE (°F)	61	71	82	92	103	113	124	134
		LIQUID SUBCOOLING (°F)	6	6	6	7	7	7	8	8
		SUCTION PRESSURE (PSIG)	149	151	153	156	159	162	165	168
		SUCTION TEMPERATURE (°F)	67	68	70	71	73	75	78	80
		SUCTION SUPERHEAT (°F)	13	14	15	16	17	19	20	22
		OUTDOOR UNIT CURRENT (A)	2.9	3.3	3.8	4.4	5.0	6.0	7.1	8.1
		COMPRESSOR CURRENT (A)	2.5	3.0	3.4	4.0	4.6	5.7	6.7	7.8
		INDOOR COIL TEMP DROP (°F)	20	20	19	19	18	17	17	16
	650	LIQUID PRESSURE (PSIG)	201	237	273	320	367	432	498	564
		LIQUID TEMPERATURE (°F)	61	72	82	93	103	113	124	134
		LIQUID SUBCOOLING (°F)	6	6	6	7	7	7	8	8
		SUCTION PRESSURE (PSIG)	154	156	158	161	163	166	169	171
		SUCTION TEMPERATURE (°F)	70	71	72	74	75	77	79	82
		SUCTION SUPERHEAT (°F)	15	16	16	17	18	19	20	22
		OUTDOOR UNIT CURRENT (A)	2.9	3.3	3.8	4.4	5.0	6.0	7.1	8.1
		COMPRESSOR CURRENT (A)	2.5	3.0	3.4	4.0	4.6	5.7	6.7	7.8
		INDOOR COIL TEMP DROP (°F)	18	17	17	17	16	15	15	14
	800	LIQUID PRESSURE (PSIG)	202	239	275	321	368	434	501	567
		LIQUID TEMPERATURE (°F)	62	72	82	93	103	114	124	135
		LIQUID SUBCOOLING (°F)	6	6	7	7	7	7	8	8
		SUCTION PRESSURE (PSIG)	158	161	163	165	168	170	173	175
		SUCTION TEMPERATURE (°F)	73	74	75	76	78	79	81	83
		SUCTION SUPERHEAT (°F)	16	17	17	18	18	19	21	22
		OUTDOOR UNIT CURRENT (A)	2.9	3.3	3.8	4.4	5.0	6.0	7.1	8.2
		COMPRESSOR CURRENT (A)	2.5	3.0	3.4	4.0	4.6	5.7	6.8	7.8
		INDOOR COIL TEMP DROP (°F)	15	15	15	15	14	14	13	13

YHG18B21S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	500	LIQUID PRESSURE (PSIG)	355	328	312	292	275	252
		LIQUID TEMPERATURE (°F)	79	70	66	60	55	48
		LIQUID SUBCOOLING (°F)	30	34	35	36	38	38
		SUCTION PRESSURE (PSIG)	139	110	98	80	61	53
		SUCTION TEMPERATURE (°F)	60	48	41	32	23	19
		SUCTION SUPERHEAT (°F)	12	11	11	12	14	16
		OUTDOOR UNIT CURRENT (A)	4.9	4.7	4.7	4.5	4.3	4.0
		COMPRESSOR CURRENT (A)	4.5	4.3	4.1	3.9	3.8	3.6
		INDOOR COIL TEMP RISE (°F)	39	33	29	25	19	18
	650	LIQUID PRESSURE (PSIG)	323	299	288	272	260	234
		LIQUID TEMPERATURE (°F)	75	67	63	58	54	48
		LIQUID SUBCOOLING (°F)	26	29	30	32	33	32
		SUCTION PRESSURE (PSIG)	138	110	97	80	61	52
		SUCTION TEMPERATURE (°F)	59	47	40	31	23	17
		SUCTION SUPERHEAT (°F)	12	10	11	11	14	14
		OUTDOOR UNIT CURRENT (A)	4.6	4.4	4.4	4.3	4.1	3.8
		COMPRESSOR CURRENT (A)	4.1	3.9	3.8	3.7	3.7	3.4
		INDOOR COIL TEMP RISE (°F)	33	26	24	21	16	14
	800	LIQUID PRESSURE (PSIG)	291	272	265	251	246	216
		LIQUID TEMPERATURE (°F)	71	65	61	57	53	48
		LIQUID SUBCOOLING (°F)	23	25	27	27	30	27
		SUCTION PRESSURE (PSIG)	138	110	96	80	62	51
		SUCTION TEMPERATURE (°F)	59	46	40	31	23	15
		SUCTION SUPERHEAT (°F)	12	10	11	11	14	12
		OUTDOOR UNIT CURRENT (A)	4.2	4.0	4.0	4.0	3.9	3.6
		COMPRESSOR CURRENT (A)	3.7	3.6	3.6	3.5	3.5	3.2
		INDOOR COIL TEMP RISE (°F)	26	21	19	17	13	11
70	500	LIQUID PRESSURE (PSIG)	402	373	359	336	306	291
		LIQUID TEMPERATURE (°F)	86	77	73	68	60	55
		LIQUID SUBCOOLING (°F)	32	35	37	37	39	40
		SUCTION PRESSURE (PSIG)	139	111	98	81	61	53
		SUCTION TEMPERATURE (°F)	60	48	42	32	25	20
		SUCTION SUPERHEAT (°F)	12	11	11	12	15	17
		OUTDOOR UNIT CURRENT (A)	5.6	5.4	5.3	5.0	4.8	4.6
		COMPRESSOR CURRENT (A)	5.2	4.9	4.8	4.6	4.3	4.2
		INDOOR COIL TEMP RISE (°F)	38	30	28	24	18	17
	650	LIQUID PRESSURE (PSIG)	369	339	333	314	290	273
		LIQUID TEMPERATURE (°F)	82	75	71	66	60	55
		LIQUID SUBCOOLING (°F)	27	30	33	33	34	34
		SUCTION PRESSURE (PSIG)	138	110	98	81	61	53
		SUCTION TEMPERATURE (°F)	59	47	41	31	25	18
		SUCTION SUPERHEAT (°F)	12	10	11	11	14	15
		OUTDOOR UNIT CURRENT (A)	5.2	5.0	4.9	4.8	4.6	4.4
		COMPRESSOR CURRENT (A)	4.8	4.5	4.4	4.3	4.1	4.0
		INDOOR COIL TEMP RISE (°F)	31	25	23	20	15	13
	800	LIQUID PRESSURE (PSIG)	336	314	308	291	274	255
		LIQUID TEMPERATURE (°F)	79	73	69	65	59	55
		LIQUID SUBCOOLING (°F)	24	26	28	28	30	30
		SUCTION PRESSURE (PSIG)	138	110	97	81	62	52
		SUCTION TEMPERATURE (°F)	59	47	41	31	23	17
		SUCTION SUPERHEAT (°F)	12	10	11	11	14	14
		OUTDOOR UNIT CURRENT (A)	4.7	4.6	4.6	4.5	4.3	4.1
		COMPRESSOR CURRENT (A)	4.2	4.1	4.1	4.0	3.9	3.7
		INDOOR COIL TEMP RISE (°F)	25	20	18	16	12	11

Continued on next page.

YHG18B21S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	500	LIQUID PRESSURE (PSIG)	450	418	406	381	339	331
		LIQUID TEMPERATURE (°F)	94	85	81	76	65	62
		LIQUID SUBCOOLING (°F)	33	37	39	39	41	43
		SUCTION PRESSURE (PSIG)	140	112	99	83	62	54
		SUCTION TEMPERATURE (°F)	61	49	43	34	27	21
		SUCTION SUPERHEAT (°F)	12	12	12	12	16	19
		OUTDOOR UNIT CURRENT (A)	6.3	6.0	5.9	5.6	5.2	5.1
		COMPRESSOR CURRENT (A)	5.9	5.5	5.4	5.2	4.6	4.6
		INDOOR COIL TEMP RISE (°F)	37	29	27	23	18	16
	650	LIQUID PRESSURE (PSIG)	415	387	379	357	319	312
		LIQUID TEMPERATURE (°F)	90	83	79	75	65	62
		LIQUID SUBCOOLING (°F)	29	33	35	35	35	38
		SUCTION PRESSURE (PSIG)	139	111	99	83	62	54
		SUCTION TEMPERATURE (°F)	60	48	42	32	26	20
		SUCTION SUPERHEAT (°F)	12	11	12	11	15	16
		OUTDOOR UNIT CURRENT (A)	5.8	5.6	5.5	5.3	5.0	4.9
		COMPRESSOR CURRENT (A)	5.4	5.1	5.0	4.9	4.4	4.4
		INDOOR COIL TEMP RISE (°F)	30	24	22	19	15	13
	800	LIQUID PRESSURE (PSIG)	381	358	352	333	301	293
		LIQUID TEMPERATURE (°F)	87	81	78	74	65	63
		LIQUID SUBCOOLING (°F)	26	28	30	30	31	33
		SUCTION PRESSURE (PSIG)	139	111	99	83	62	54
		SUCTION TEMPERATURE (°F)	60	48	42	32	25	19
		SUCTION SUPERHEAT (°F)	12	11	12	11	14	15
		OUTDOOR UNIT CURRENT (A)	5.3	5.1	5.1	4.9	4.7	4.6
		COMPRESSOR CURRENT (A)	4.8	4.7	4.6	4.5	4.2	4.2
		INDOOR COIL TEMP RISE (°F)	24	20	18	15	12	11

YHG18B21S W/ CM24B COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	500	LIQUID PRESSURE (PSIG)	337	312	297	278	272	249
		LIQUID TEMPERATURE (°F)	83	74	69	63	58	51
		LIQUID SUBCOOLING (°F)	23	25	26	27	33	33
		SUCTION PRESSURE (PSIG)	138	109	97	79	62	54
		SUCTION TEMPERATURE (°F)	60	48	41	33	22	18
		SUCTION SUPERHEAT (°F)	13	12	12	13	12	14
		OUTDOOR UNIT CURRENT (A)	4.8	4.6	4.5	4.3	4.4	4.1
		COMPRESSOR CURRENT (A)	4.5	4.3	4.1	3.9	3.9	3.7
		INDOOR COIL TEMP RISE (°F)	37	31	28	24	19	18
	650	LIQUID PRESSURE (PSIG)	307	285	274	258	258	231
		LIQUID TEMPERATURE (°F)	79	70	66	61	57	51
		LIQUID SUBCOOLING (°F)	20	22	23	24	29	29
		SUCTION PRESSURE (PSIG)	137	109	96	79	62	53
		SUCTION TEMPERATURE (°F)	59	47	40	32	22	16
		SUCTION SUPERHEAT (°F)	13	11	12	12	12	12
		OUTDOOR UNIT CURRENT (A)	4.4	4.2	4.2	4.1	4.2	3.9
		COMPRESSOR CURRENT (A)	4.1	3.9	3.8	3.7	3.8	3.5
		INDOOR COIL TEMP RISE (°F)	31	25	23	20	16	14
	800	LIQUID PRESSURE (PSIG)	277	258	252	238	243	214
		LIQUID TEMPERATURE (°F)	75	68	64	60	56	51
		LIQUID SUBCOOLING (°F)	17	19	21	21	27	24
		SUCTION PRESSURE (PSIG)	137	109	95	79	64	52
		SUCTION TEMPERATURE (°F)	59	46	40	32	22	14
		SUCTION SUPERHEAT (°F)	13	11	12	12	12	11
		OUTDOOR UNIT CURRENT (A)	4.0	3.9	3.9	3.9	4.0	3.7
		COMPRESSOR CURRENT (A)	3.6	3.5	3.5	3.4	3.6	3.3
		INDOOR COIL TEMP RISE (°F)	25	20	18	16	13	11
70	500	LIQUID PRESSURE (PSIG)	383	354	341	320	303	288
		LIQUID TEMPERATURE (°F)	90	81	77	72	63	58
		LIQUID SUBCOOLING (°F)	24	26	28	28	34	35
		SUCTION PRESSURE (PSIG)	138	110	97	80	62	54
		SUCTION TEMPERATURE (°F)	60	48	42	33	23	19
		SUCTION SUPERHEAT (°F)	13	12	12	13	13	15
		OUTDOOR UNIT CURRENT (A)	5.5	5.3	5.2	4.9	4.9	4.7
		COMPRESSOR CURRENT (A)	5.1	4.8	4.7	4.6	4.4	4.3
		INDOOR COIL TEMP RISE (°F)	36	29	27	23	18	17
	650	LIQUID PRESSURE (PSIG)	351	328	317	299	287	270
		LIQUID TEMPERATURE (°F)	86	79	75	69	63	58
		LIQUID SUBCOOLING (°F)	21	23	25	25	30	30
		SUCTION PRESSURE (PSIG)	137	109	97	80	62	54
		SUCTION TEMPERATURE (°F)	59	47	41	32	23	17
		SUCTION SUPERHEAT (°F)	13	11	12	12	12	13
		OUTDOOR UNIT CURRENT (A)	5.1	4.9	4.8	4.7	4.7	4.5
		COMPRESSOR CURRENT (A)	4.7	4.5	4.4	4.3	4.2	4.1
		INDOOR COIL TEMP RISE (°F)	30	24	22	19	15	13
	800	LIQUID PRESSURE (PSIG)	320	299	293	277	271	252
		LIQUID TEMPERATURE (°F)	83	77	73	68	62	58
		LIQUID SUBCOOLING (°F)	18	20	21	21	27	27
		SUCTION PRESSURE (PSIG)	137	109	96	80	64	53
		SUCTION TEMPERATURE (°F)	59	47	41	32	22	16
		SUCTION SUPERHEAT (°F)	13	11	12	12	12	12
		OUTDOOR UNIT CURRENT (A)	4.6	4.4	4.4	4.3	4.4	4.2
		COMPRESSOR CURRENT (A)	4.2	4.1	4.1	4.0	4.0	3.8
		INDOOR COIL TEMP RISE (°F)	24	19	17	15	12	11

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YHG18B21S W/ CM24B COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	500	LIQUID PRESSURE (PSIG)	428	398	386	362	335	327
		LIQUID TEMPERATURE (°F)	99	89	85	80	69	65
		LIQUID SUBCOOLING (°F)	25	28	29	29	36	38
		SUCTION PRESSURE (PSIG)	139	111	98	82	64	55
		SUCTION TEMPERATURE (°F)	61	49	43	34	26	20
		SUCTION SUPERHEAT (°F)	13	13	13	13	14	16
		OUTDOOR UNIT CURRENT (A)	6.2	5.9	5.8	5.5	5.3	5.2
		COMPRESSOR CURRENT (A)	5.8	5.4	5.3	5.1	4.8	4.8
		INDOOR COIL TEMP RISE (°F)	35	28	26	22	18	16
	650	LIQUID PRESSURE (PSIG)	395	369	360	339	316	309
		LIQUID TEMPERATURE (°F)	95	87	83	79	69	65
		LIQUID SUBCOOLING (°F)	22	25	26	26	31	33
		SUCTION PRESSURE (PSIG)	138	110	98	82	64	55
		SUCTION TEMPERATURE (°F)	60	48	42	33	25	19
		SUCTION SUPERHEAT (°F)	13	12	13	12	13	14
		OUTDOOR UNIT CURRENT (A)	5.7	5.5	5.4	5.2	5.1	5
		COMPRESSOR CURRENT (A)	5.3	5.0	4.9	4.8	4.6	4.6
		INDOOR COIL TEMP RISE (°F)	29	23	21	18	15	13
	800	LIQUID PRESSURE (PSIG)	362	340	335	317	298	290
		LIQUID TEMPERATURE (°F)	91	85	82	78	69	66
		LIQUID SUBCOOLING (°F)	20	21	23	23	28	29
		SUCTION PRESSURE (PSIG)	138	110	98	82	64	55
		SUCTION TEMPERATURE (°F)	60	48	42	33	23	18
		SUCTION SUPERHEAT (°F)	13	12	13	12	12	13
		OUTDOOR UNIT CURRENT (A)	5.2	5.0	5.0	4.8	4.8	4.7
		COMPRESSOR CURRENT (A)	4.7	4.7	4.6	4.5	4.3	4.3
		INDOOR COIL TEMP RISE (°F)	23	19	17	14	12	11

FOR USE WITH MODELS WITH TXV:

YHG24B21S
CH6B2421S
TH6B2421S
RHP16L24B21S

YHG24B21S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	194 (11)	195 (12)	199 (12)	200 (13)
60	213 (12)	215 (12)	218 (12)	218 (13)
65	231 (12)	234 (12)	237 (13)	237 (13)
70	250 (12)	253 (12)	256 (13)	256 (13)
75	268 (12)	272 (12)	275 (13)	274 (13)
80	293 (13)	297 (13)	300 (13)	299 (13)
85	318 (13)	322 (13)	324 (14)	323 (14)
90	343 (14)	346 (14)	349 (14)	348 (14)
95	368 (14)	371 (14)	374 (15)	373 (14)
100	403 (15)	406 (15)	408 (15)	407 (15)
105	439 (16)	441 (15)	442 (16)	442 (16)
110	474 (17)	477 (16)	476 (17)	476 (16)
115	509 (18)	512 (17)	510 (17)	511 (17)
120	545 (19)	547 (18)	544 (18)	545 (18)
125	580 (19)	582 (19)	578 (18)	580 (18)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHG24B21S W/ CM30B COIL SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	195 (12)	196 (12)	199 (13)	200 (13)
60	213 (12)	215 (12)	218 (13)	219 (13)
65	232 (12)	234 (12)	237 (13)	237 (13)
70	250 (12)	253 (12)	256 (13)	256 (13)
75	269 (12)	272 (13)	275 (13)	274 (13)
80	293 (13)	297 (13)	300 (14)	299 (14)
85	318 (13)	322 (13)	325 (14)	324 (14)
90	343 (14)	347 (14)	349 (14)	348 (14)
95	368 (14)	371 (14)	374 (15)	373 (15)
100	404 (15)	406 (15)	408 (16)	407 (15)
105	439 (16)	442 (16)	442 (16)	442 (16)
110	474 (17)	477 (17)	476 (17)	476 (17)
115	509 (18)	512 (17)	510 (18)	511 (17)
120	544 (18)	547 (18)	544 (18)	545 (18)
125	580 (19)	582 (19)	578 (19)	580 (19)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHG24B21S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	635	LIQUID PRESSURE (PSIG)	196	232	268	319	369	441	512	584
		LIQUID TEMPERATURE (°F)	57	66	76	86	97	107	117	127
		LIQUID SUBCOOLING (°F)	12	12	12	13	14	15	17	19
		SUCTION PRESSURE (PSIG)	121	124	126	128	130	132	134	137
		SUCTION TEMPERATURE (°F)	56	59	63	66	70	76	81	86
		SUCTION SUPERHEAT (°F)	15	17	19	23	26	31	35	40
		OUTDOOR UNIT CURRENT (A)	4.4	4.9	5.5	6.3	7.1	8.5	10.0	11.4
		COMPRESSOR CURRENT (A)	3.6	4.2	4.7	5.5	6.4	7.8	9.2	10.6
		INDOOR COIL TEMP DROP (°F)	24	24	23	22	21	20	19	18
	835	LIQUID PRESSURE (PSIG)	197	233	270	319	369	441	512	583
		LIQUID TEMPERATURE (°F)	57	66	76	86	97	107	117	127
		LIQUID SUBCOOLING (°F)	12	12	12	13	14	16	17	19
		SUCTION PRESSURE (PSIG)	127	130	132	133	135	137	140	142
		SUCTION TEMPERATURE (°F)	58	61	64	68	71	76	81	86
		SUCTION SUPERHEAT (°F)	15	16	18	22	25	29	34	38
		OUTDOOR UNIT CURRENT (A)	4.4	4.9	5.5	6.3	7.1	8.5	9.9	11.3
		COMPRESSOR CURRENT (A)	3.6	4.2	4.7	5.5	6.3	7.7	9.1	10.5
		INDOOR COIL TEMP DROP (°F)	22	21	21	20	19	18	17	16
	1035	LIQUID PRESSURE (PSIG)	198	234	271	320	370	440	511	582
		LIQUID TEMPERATURE (°F)	57	67	76	86	96	107	117	127
		LIQUID SUBCOOLING (°F)	12	12	12	13	14	16	17	19
		SUCTION PRESSURE (PSIG)	133	135	137	139	140	142	145	147
		SUCTION TEMPERATURE (°F)	60	63	65	69	73	77	82	87
		SUCTION SUPERHEAT (°F)	14	16	17	21	24	28	32	36
		OUTDOOR UNIT CURRENT (A)	4.4	4.9	5.5	6.3	7.1	8.5	9.8	11.2
		COMPRESSOR CURRENT (A)	3.6	4.1	4.7	5.5	6.3	7.7	9.1	10.5
		INDOOR COIL TEMP DROP (°F)	19	19	18	18	17	16	15	15
80/57	635	LIQUID PRESSURE (PSIG)	192	229	267	316	366	437	509	580
		LIQUID TEMPERATURE (°F)	56	66	76	86	96	107	117	127
		LIQUID SUBCOOLING (°F)	11	11	12	13	13	15	17	19
		SUCTION PRESSURE (PSIG)	111	115	119	122	125	129	133	137
		SUCTION TEMPERATURE (°F)	53	56	60	64	69	75	80	86
		SUCTION SUPERHEAT (°F)	16	18	20	23	27	31	35	40
		OUTDOOR UNIT CURRENT (A)	4.4	4.9	5.5	6.3	7.1	8.5	9.8	11.2
		COMPRESSOR CURRENT (A)	4.7	5.5	6.2	7.2	8.3	9.0	9.7	10.5
		INDOOR COIL TEMP DROP (°F)	32	30	29	27	26	25	23	22
	835	LIQUID PRESSURE (PSIG)	194	231	268	318	368	439	509	580
		LIQUID TEMPERATURE (°F)	56	66	76	86	96	107	117	127
		LIQUID SUBCOOLING (°F)	11	12	12	13	14	15	17	19
		SUCTION PRESSURE (PSIG)	120	124	129	132	134	138	142	146
		SUCTION TEMPERATURE (°F)	56	59	62	66	71	76	81	86
		SUCTION SUPERHEAT (°F)	15	16	17	21	24	28	32	36
		OUTDOOR UNIT CURRENT (A)	4.4	4.9	5.5	6.3	7.1	8.4	9.8	11.1
		COMPRESSOR CURRENT (A)	4.8	5.5	6.2	7.2	8.3	9.5	10.7	11.9
		INDOOR COIL TEMP DROP (°F)	28	26	25	24	23	21	20	19
	1035	LIQUID PRESSURE (PSIG)	196	233	270	320	370	440	509	579
		LIQUID TEMPERATURE (°F)	56	66	76	86	97	107	117	127
		LIQUID SUBCOOLING (°F)	12	12	12	13	14	16	17	19
		SUCTION PRESSURE (PSIG)	129	134	139	141	144	148	151	155
		SUCTION TEMPERATURE (°F)	59	62	64	68	73	77	82	86
		SUCTION SUPERHEAT (°F)	14	15	15	19	22	26	29	32
		OUTDOOR UNIT CURRENT (A)	4.4	4.9	5.5	6.3	7.0	8.4	9.7	11.0
		COMPRESSOR CURRENT (A)	4.8	5.5	6.2	7.2	8.2	9.9	11.6	13.4
		INDOOR COIL TEMP DROP (°F)	24	23	21	20	19	18	17	16

Continued on next page.

YHG24B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	635	LIQUID PRESSURE (PSIG)	196	234	272	321	371	441	511	582
		LIQUID TEMPERATURE (°F)	56	66	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	12	12	12	13	14	16	17	19
		SUCTION PRESSURE (PSIG)	122	124	126	128	130	132	135	137
		SUCTION TEMPERATURE (°F)	57	60	63	66	70	75	81	86
		SUCTION SUPERHEAT (°F)	15	18	20	23	25	30	35	40
		OUTDOOR UNIT CURRENT (A)	4.4	5.0	5.6	6.4	7.2	8.5	9.9	11.3
		COMPRESSOR CURRENT (A)	4.8	5.5	6.2	7.2	8.2	9.0	9.8	10.5
		INDOOR COIL TEMP DROP (°F)	28	27	27	26	25	24	23	21
	835	LIQUID PRESSURE (PSIG)	195	234	272	322	371	441	512	582
		LIQUID TEMPERATURE (°F)	56	62	67	82	97	107	117	127
		LIQUID SUBCOOLING (°F)	12	12	12	13	14	15	17	19
		SUCTION PRESSURE (PSIG)	128	130	133	134	136	139	143	146
		SUCTION TEMPERATURE (°F)	59	61	64	67	71	76	81	87
		SUCTION SUPERHEAT (°F)	15	16	18	21	24	28	32	36
		OUTDOOR UNIT CURRENT (A)	4.4	5.0	5.5	6.3	7.1	8.5	9.9	11.3
		COMPRESSOR CURRENT (A)	4.8	5.5	6.2	6.8	7.3	8.4	9.4	10.5
		INDOOR COIL TEMP DROP (°F)	25	25	24	23	22	21	20	19
	1035	LIQUID PRESSURE (PSIG)	195	234	273	322	371	441	512	583
		LIQUID TEMPERATURE (°F)	56	57	57	77	97	107	117	127
		LIQUID SUBCOOLING (°F)	12	12	12	13	14	15	17	19
		SUCTION PRESSURE (PSIG)	134	137	139	141	142	146	151	155
		SUCTION TEMPERATURE (°F)	61	63	65	69	72	77	82	87
		SUCTION SUPERHEAT (°F)	14	15	16	19	23	26	29	33
		OUTDOOR UNIT CURRENT (A)	4.4	4.9	5.5	6.3	7.1	8.5	9.9	11.3
		COMPRESSOR CURRENT (A)	4.9	5.6	6.2	6.3	6.3	7.7	9.1	10.5
		INDOOR COIL TEMP DROP (°F)	23	22	22	21	20	19	17	16
80/67	635	LIQUID PRESSURE (PSIG)	199	236	274	324	374	442	510	579
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	12	12	13	14	15	16	17	19
		SUCTION PRESSURE (PSIG)	133	136	139	140	142	145	147	150
		SUCTION TEMPERATURE (°F)	60	63	65	68	72	75	79	82
		SUCTION SUPERHEAT (°F)	14	15	16	19	22	25	27	30
		OUTDOOR UNIT CURRENT (A)	4.4	5.0	5.5	6.3	7.1	8.4	9.7	11.0
		COMPRESSOR CURRENT (A)	3.6	4.2	4.7	5.6	6.4	7.7	9.0	10.3
		INDOOR COIL TEMP DROP (°F)	24	24	23	22	21	21	20	19
	835	LIQUID PRESSURE (PSIG)	199	237	275	324	374	442	510	578
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	12	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	139	142	144	146	148	150	152	155
		SUCTION TEMPERATURE (°F)	63	65	67	70	73	76	80	83
		SUCTION SUPERHEAT (°F)	14	15	16	18	21	24	26	29
		OUTDOOR UNIT CURRENT (A)	4.4	4.9	5.5	6.3	7.1	8.4	9.7	11.0
		COMPRESSOR CURRENT (A)	3.6	4.2	4.7	5.5	6.3	7.6	8.9	10.2
		INDOOR COIL TEMP DROP (°F)	22	21	21	20	19	19	18	17
	1035	LIQUID PRESSURE (PSIG)	200	238	276	325	374	442	510	577
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	14	16	17	18
		SUCTION PRESSURE (PSIG)	145	147	150	152	154	155	157	159
		SUCTION TEMPERATURE (°F)	66	67	69	71	74	77	81	84
		SUCTION SUPERHEAT (°F)	15	15	15	17	19	22	25	28
		OUTDOOR UNIT CURRENT (A)	4.4	4.9	5.5	6.3	7.1	8.4	9.6	10.9
		COMPRESSOR CURRENT (A)	3.6	4.1	4.7	5.5	6.3	7.6	8.9	10.2
		INDOOR COIL TEMP DROP (°F)	19	19	19	18	17	17	16	15

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YHG24B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
80/72	635	LIQUID PRESSURE (PSIG)	198	236	273	322	372	441	510	579
		LIQUID TEMPERATURE (°F)	56	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	12	13	13	13	14	16	17	18
		SUCTION PRESSURE (PSIG)	144	148	151	154	157	159	161	163
		SUCTION TEMPERATURE (°F)	67	69	70	73	75	79	83	87
		SUCTION SUPERHEAT (°F)	17	17	17	18	19	23	26	30
		OUTDOOR UNIT CURRENT (A)	4.3	4.9	5.4	6.2	7.0	8.3	9.6	10.9
		COMPRESSOR CURRENT (A)	3.5	4.1	4.7	5.5	6.3	7.6	8.9	10.2
		INDOOR COIL TEMP DROP (°F)	19	19	19	18	18	17	16	15
	835	LIQUID PRESSURE (PSIG)	200	237	274	323	373	442	511	580
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	14	16	17	18
		SUCTION PRESSURE (PSIG)	148	152	156	159	162	164	166	168
		SUCTION TEMPERATURE (°F)	70	71	72	75	77	81	84	88
		SUCTION SUPERHEAT (°F)	18	17	17	18	19	23	26	29
		OUTDOOR UNIT CURRENT (A)	4.3	4.9	5.4	6.2	7.0	8.3	9.6	10.9
		COMPRESSOR CURRENT (A)	3.5	4.1	4.7	5.5	6.3	7.6	8.9	10.2
		INDOOR COIL TEMP DROP (°F)	17	17	16	16	16	15	14	13
	1035	LIQUID PRESSURE (PSIG)	201	239	276	325	374	442	511	580
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	152	157	161	164	166	169	171	173
		SUCTION TEMPERATURE (°F)	73	73	74	76	79	82	85	89
		SUCTION SUPERHEAT (°F)	19	18	17	18	20	22	25	28
		OUTDOOR UNIT CURRENT (A)	4.4	4.9	5.5	6.2	7.0	8.3	9.6	11.0
		COMPRESSOR CURRENT (A)	3.6	4.1	4.7	5.5	6.3	7.6	8.9	10.2
		INDOOR COIL TEMP DROP (°F)	14	14	14	14	13	13	12	12

YHG24B21S W/ CM30B COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	635	LIQUID PRESSURE (PSIG)	197	232	268	319	369	441	513	584
		LIQUID TEMPERATURE (°F)	56	66	76	86	96	106	117	127
		LIQUID SUBCOOLING (°F)	12	12	12	13	14	16	18	19
		SUCTION PRESSURE (PSIG)	122	124	127	128	130	132	135	137
		SUCTION TEMPERATURE (°F)	55	58	61	65	68	74	79	84
		SUCTION SUPERHEAT (°F)	14	16	17	20	23	28	32	36
		OUTDOOR UNIT CURRENT (A)	4.4	5.0	5.5	6.3	7.1	8.6	10.0	11.4
		COMPRESSOR CURRENT (A)	3.6	4.2	4.7	5.6	6.4	7.8	9.3	10.7
		INDOOR COIL TEMP DROP (°F)	24	24	23	22	21	20	19	18
	835	LIQUID PRESSURE (PSIG)	197	233	270	320	369	441	512	583
		LIQUID TEMPERATURE (°F)	57	66	76	86	96	106	117	127
		LIQUID SUBCOOLING (°F)	12	12	13	13	14	16	18	19
		SUCTION PRESSURE (PSIG)	128	130	132	134	135	137	140	142
		SUCTION TEMPERATURE (°F)	57	60	62	66	70	74	79	84
		SUCTION SUPERHEAT (°F)	13	15	16	20	23	26	30	34
		OUTDOOR UNIT CURRENT (A)	4.4	5.0	5.5	6.3	7.1	8.5	9.9	11.3
		COMPRESSOR CURRENT (A)	3.6	4.2	4.7	5.6	6.4	7.8	9.2	10.6
		INDOOR COIL TEMP DROP (°F)	22	21	21	20	19	18	17	17
	1035	LIQUID PRESSURE (PSIG)	198	234	271	320	370	441	512	582
		LIQUID TEMPERATURE (°F)	57	66	76	86	96	106	116	127
		LIQUID SUBCOOLING (°F)	12	12	13	14	14	16	18	19
		SUCTION PRESSURE (PSIG)	133	136	138	139	140	143	145	148
		SUCTION TEMPERATURE (°F)	59	61	64	67	71	75	80	84
		SUCTION SUPERHEAT (°F)	13	14	15	19	22	25	29	32
		OUTDOOR UNIT CURRENT (A)	4.4	4.9	5.5	6.3	7.1	8.5	9.9	11.2
		COMPRESSOR CURRENT (A)	3.6	4.2	4.7	5.5	6.4	7.8	9.1	10.5
		INDOOR COIL TEMP DROP (°F)	19	19	19	18	17	16	16	15
80/57	635	LIQUID PRESSURE (PSIG)	193	230	267	316	366	438	509	580
		LIQUID TEMPERATURE (°F)	56	66	76	86	96	106	116	126
		LIQUID SUBCOOLING (°F)	11	12	12	13	14	16	17	19
		SUCTION PRESSURE (PSIG)	111	115	119	122	125	129	133	137
		SUCTION TEMPERATURE (°F)	51	55	58	62	67	73	78	84
		SUCTION SUPERHEAT (°F)	15	16	18	21	24	28	32	36
		OUTDOOR UNIT CURRENT (A)	4.4	5.0	5.5	6.3	7.1	8.5	9.9	11.2
		COMPRESSOR CURRENT (A)	4.8	5.5	6.2	7.3	8.3	9.1	9.8	10.5
		INDOOR COIL TEMP DROP (°F)	32	30	29	28	26	25	24	22
	835	LIQUID PRESSURE (PSIG)	195	232	269	318	368	439	509	580
		LIQUID TEMPERATURE (°F)	56	66	76	86	96	106	116	126
		LIQUID SUBCOOLING (°F)	12	12	12	13	14	16	17	19
		SUCTION PRESSURE (PSIG)	120	125	129	132	135	139	143	147
		SUCTION TEMPERATURE (°F)	54	57	60	65	69	74	79	84
		SUCTION SUPERHEAT (°F)	14	15	16	19	22	25	29	32
		OUTDOOR UNIT CURRENT (A)	4.4	4.9	5.5	6.3	7.1	8.5	9.8	11.2
		COMPRESSOR CURRENT (A)	4.8	5.5	6.3	7.3	8.3	9.5	10.8	12.0
		INDOOR COIL TEMP DROP (°F)	28	27	25	24	23	22	20	19
	1035	LIQUID PRESSURE (PSIG)	196	233	270	320	371	440	510	579
		LIQUID TEMPERATURE (°F)	56	66	76	86	96	106	116	126
		LIQUID SUBCOOLING (°F)	12	12	13	13	14	16	17	19
		SUCTION PRESSURE (PSIG)	130	134	139	142	144	148	152	156
		SUCTION TEMPERATURE (°F)	57	60	62	67	71	75	79	84
		SUCTION SUPERHEAT (°F)	13	13	14	17	20	23	26	29
		OUTDOOR UNIT CURRENT (A)	4.4	4.9	5.5	6.3	7.1	8.4	9.7	11.1
		COMPRESSOR CURRENT (A)	4.8	5.5	6.3	7.3	8.3	10.0	11.7	13.4
		INDOOR COIL TEMP DROP (°F)	24	23	21	20	19	18	17	16

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YHG24B21S W/ CM30B COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	635	LIQUID PRESSURE (PSIG)	196	234	272	322	372	442	512	582
		LIQUID TEMPERATURE (°F)	56	66	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	12	12	12	13	14	16	17	19
		SUCTION PRESSURE (PSIG)	122	124	126	128	130	133	135	138
		SUCTION TEMPERATURE (°F)	55	58	61	65	68	73	79	84
		SUCTION SUPERHEAT (°F)	14	16	18	20	23	27	31	36
		OUTDOOR UNIT CURRENT (A)	4.4	5.0	5.6	6.4	7.2	8.6	9.9	11.3
		COMPRESSOR CURRENT (A)	4.8	5.5	6.3	7.3	8.3	9.1	9.8	10.6
		INDOOR COIL TEMP DROP (°F)	28	28	27	26	25	24	23	21
	835	LIQUID PRESSURE (PSIG)	196	234	272	322	371	442	512	582
		LIQUID TEMPERATURE (°F)	56	61	67	82	97	107	117	127
		LIQUID SUBCOOLING (°F)	12	12	13	13	14	16	17	19
		SUCTION PRESSURE (PSIG)	128	131	133	135	136	140	143	147
		SUCTION TEMPERATURE (°F)	57	60	62	66	69	74	79	84
		SUCTION SUPERHEAT (°F)	13	15	16	19	22	25	29	33
		OUTDOOR UNIT CURRENT (A)	4.4	5.0	5.6	6.4	7.2	8.5	9.9	11.3
		COMPRESSOR CURRENT (A)	4.9	5.6	6.3	6.8	7.3	8.4	9.5	10.6
		INDOOR COIL TEMP DROP (°F)	25	25	24	23	23	21	20	19
	1035	LIQUID PRESSURE (PSIG)	195	234	273	322	371	442	512	583
		LIQUID TEMPERATURE (°F)	56	56	57	77	97	107	117	127
		LIQUID SUBCOOLING (°F)	12	12	13	13	14	16	17	19
		SUCTION PRESSURE (PSIG)	134	137	140	141	142	147	151	156
		SUCTION TEMPERATURE (°F)	59	61	63	67	70	75	80	85
		SUCTION SUPERHEAT (°F)	12	13	15	17	20	23	26	29
		OUTDOOR UNIT CURRENT (A)	4.4	5.0	5.5	6.3	7.1	8.5	9.9	11.3
		COMPRESSOR CURRENT (A)	4.9	5.6	6.3	6.3	6.4	7.8	9.2	10.6
		INDOOR COIL TEMP DROP (°F)	23	22	22	21	20	19	17	16
80/67	635	LIQUID PRESSURE (PSIG)	199	236	274	324	374	442	511	579
		LIQUID TEMPERATURE (°F)	57	67	76	86	97	106	116	126
		LIQUID SUBCOOLING (°F)	12	13	13	14	15	16	18	19
		SUCTION PRESSURE (PSIG)	134	137	139	141	142	145	148	151
		SUCTION TEMPERATURE (°F)	59	61	63	66	70	73	77	80
		SUCTION SUPERHEAT (°F)	13	14	15	17	20	22	25	27
		OUTDOOR UNIT CURRENT (A)	4.4	5.0	5.5	6.3	7.2	8.5	9.8	11.1
		COMPRESSOR CURRENT (A)	3.6	4.2	4.8	5.6	6.4	7.7	9.0	10.4
		INDOOR COIL TEMP DROP (°F)	24	24	23	23	22	21	20	19
	835	LIQUID PRESSURE (PSIG)	199	237	275	325	374	442	510	578
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	106	116	126
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	18	19
		SUCTION PRESSURE (PSIG)	139	142	145	146	148	150	153	155
		SUCTION TEMPERATURE (°F)	62	63	65	68	71	74	78	81
		SUCTION SUPERHEAT (°F)	13	14	14	16	19	21	24	26
		OUTDOOR UNIT CURRENT (A)	4.4	5.0	5.5	6.3	7.1	8.4	9.7	11.0
		COMPRESSOR CURRENT (A)	3.6	4.2	4.8	5.6	6.4	7.7	9.0	10.3
		INDOOR COIL TEMP DROP (°F)	22	21	21	20	20	19	18	17
	1035	LIQUID PRESSURE (PSIG)	200	238	276	325	374	442	510	578
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	106	116	126
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	18	19
		SUCTION PRESSURE (PSIG)	145	148	150	152	154	156	158	160
		SUCTION TEMPERATURE (°F)	64	66	67	69	72	75	79	82
		SUCTION SUPERHEAT (°F)	13	14	14	16	17	20	23	25
		OUTDOOR UNIT CURRENT (A)	4.4	4.9	5.5	6.3	7.1	8.4	9.7	11.0
		COMPRESSOR CURRENT (A)	3.6	4.2	4.7	5.5	6.3	7.6	8.9	10.3
		INDOOR COIL TEMP DROP (°F)	20	19	19	18	17	17	16	15

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YHG24B21S W/ CM30B COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	635	LIQUID PRESSURE (PSIG)	199	236	273	322	372	441	510	579
		LIQUID TEMPERATURE (°F)	56	66	76	86	96	106	116	126
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	19
		SUCTION PRESSURE (PSIG)	144	148	151	155	158	160	162	164
		SUCTION TEMPERATURE (°F)	66	67	68	71	73	77	81	85
		SUCTION SUPERHEAT (°F)	15	15	15	16	17	21	24	27
		OUTDOOR UNIT CURRENT (A)	4.4	4.9	5.5	6.2	7.0	8.3	9.6	10.9
		COMPRESSOR CURRENT (A)	3.6	4.1	4.7	5.5	6.3	7.6	8.9	10.2
		INDOOR COIL TEMP DROP (°F)	20	19	19	18	18	17	16	15
	835	LIQUID PRESSURE (PSIG)	200	237	274	324	373	442	511	580
		LIQUID TEMPERATURE (°F)	56	66	76	86	96	107	117	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	19
		SUCTION PRESSURE (PSIG)	149	153	156	159	162	164	167	169
		SUCTION TEMPERATURE (°F)	68	69	70	73	75	78	82	86
		SUCTION SUPERHEAT (°F)	16	16	15	16	18	20	23	26
		OUTDOOR UNIT CURRENT (A)	4.4	4.9	5.5	6.3	7.0	8.3	9.7	11.0
		COMPRESSOR CURRENT (A)	3.6	4.1	4.7	5.5	6.3	7.6	8.9	10.2
		INDOOR COIL TEMP DROP (°F)	17	17	16	16	16	15	14	13
	1035	LIQUID PRESSURE (PSIG)	202	239	276	325	374	443	512	581
		LIQUID TEMPERATURE (°F)	56	67	77	87	96	107	117	127
		LIQUID SUBCOOLING (°F)	13	13	13	14	15	16	17	19
		SUCTION PRESSURE (PSIG)	153	157	162	164	167	169	171	174
		SUCTION TEMPERATURE (°F)	71	72	72	74	76	80	83	86
		SUCTION SUPERHEAT (°F)	17	16	15	16	18	20	22	25
		OUTDOOR UNIT CURRENT (A)	4.4	4.9	5.5	6.3	7.0	8.4	9.7	11.0
		COMPRESSOR CURRENT (A)	3.6	4.1	4.7	5.5	6.3	7.6	8.9	10.3
		INDOOR COIL TEMP DROP (°F)	14	14	14	14	14	13	12	12

YHG24B21S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	635	LIQUID PRESSURE (PSIG)	369	344	330	311	292	265
		LIQUID TEMPERATURE (°F)	77	70	66	61	57	55
		LIQUID SUBCOOLING (°F)	33	36	37	37	38	34
		SUCTION PRESSURE (PSIG)	137	111	97	79	61	51
		SUCTION TEMPERATURE (°F)	58	48	43	35	24	18
		SUCTION SUPERHEAT (°F)	11	12	13	13	15	15
		OUTDOOR UNIT CURRENT (A)	7.7	7.2	7.2	6.1	6.2	6.2
		COMPRESSOR CURRENT (A)	6.5	5.9	5.9	4.9	5.4	5.4
		INDOOR COIL TEMP RISE (°F)	39	32	29	25	19	16
	835	LIQUID PRESSURE (PSIG)	333	314	302	286	272	251
		LIQUID TEMPERATURE (°F)	73	67	64	60	56	53
		LIQUID SUBCOOLING (°F)	30	32	32	32	34	31
		SUCTION PRESSURE (PSIG)	136	110	97	78	60	50
		SUCTION TEMPERATURE (°F)	58	47	42	34	23	18
		SUCTION SUPERHEAT (°F)	11	12	12	13	15	15
		OUTDOOR UNIT CURRENT (A)	6.1	6.1	6.1	5.1	5.2	5.2
		COMPRESSOR CURRENT (A)	5.9	4.9	4.9	4.9	5.4	4.3
		INDOOR COIL TEMP RISE (°F)	31	26	23	20	15	13
	1035	LIQUID PRESSURE (PSIG)	298	283	275	261	254	237
		LIQUID TEMPERATURE (°F)	70	64	62	59	56	53
		LIQUID SUBCOOLING (°F)	27	29	29	29	30	28
		SUCTION PRESSURE (PSIG)	135	109	97	78	60	50
		SUCTION TEMPERATURE (°F)	58	47	42	34	23	18
		SUCTION SUPERHEAT (°F)	12	12	12	13	15	15
		OUTDOOR UNIT CURRENT (A)	6.4	6.3	6.2	6.1	6.1	5.9
		COMPRESSOR CURRENT (A)	5.3	5.2	5.1	5	5.4	5.2
		INDOOR COIL TEMP RISE (°F)	25	21	19	16	12	10
70	635	LIQUID PRESSURE (PSIG)	420	392	381	360	335	309
		LIQUID TEMPERATURE (°F)	86	78	74	70	65	62
		LIQUID SUBCOOLING (°F)	34	37	38	38	39	37
		SUCTION PRESSURE (PSIG)	139	111	98	80	62	51
		SUCTION TEMPERATURE (°F)	59	48	43	36	25	19
		SUCTION SUPERHEAT (°F)	11	12	13	13	16	16
		OUTDOOR UNIT CURRENT (A)	8.2	8.2	7.2	7.2	7.3	6.2
		COMPRESSOR CURRENT (A)	6.8	6.8	6.8	5.9	6.5	5.4
		INDOOR COIL TEMP RISE (°F)	37	31	28	24	19	16
	835	LIQUID PRESSURE (PSIG)	381	360	350	333	315	292
		LIQUID TEMPERATURE (°F)	82	75	72	68	64	61
		LIQUID SUBCOOLING (°F)	31	33	33	34	35	33
		SUCTION PRESSURE (PSIG)	137	111	98	79	61	50
		SUCTION TEMPERATURE (°F)	58	48	43	35	24	19
		SUCTION SUPERHEAT (°F)	11	12	12	13	15	16
		OUTDOOR UNIT CURRENT (A)	7.2	7.2	7.2	6.1	6.2	6.2
		COMPRESSOR CURRENT (A)	5.9	5.9	5.9	5.9	5.4	5.4
		INDOOR COIL TEMP RISE (°F)	30	25	23	19	15	13
	1035	LIQUID PRESSURE (PSIG)	342	328	321	307	295	274
		LIQUID TEMPERATURE (°F)	78	73	70	67	64	61
		LIQUID SUBCOOLING (°F)	27	30	30	31	31	30
		SUCTION PRESSURE (PSIG)	136	110	98	79	61	50
		SUCTION TEMPERATURE (°F)	58	48	43	35	24	19
		SUCTION SUPERHEAT (°F)	11	12	12	13	15	16
		OUTDOOR UNIT CURRENT (A)	7.2	6.1	6.1	6.1	6.2	6.2
		COMPRESSOR CURRENT (A)	5.9	5.9	5.9	4.9	5.4	5.4
		INDOOR COIL TEMP RISE (°F)	23	20	18	15	12	10

Continued on next page.

YHG24B21S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	635	LIQUID PRESSURE (PSIG)	470	441	431	409	379	353
		LIQUID TEMPERATURE (°F)	95	87	83	79	74	69
		LIQUID SUBCOOLING (°F)	35	38	40	40	41	40
		SUCTION PRESSURE (PSIG)	141	112	100	81	63	52
		SUCTION TEMPERATURE (°F)	60	49	44	37	27	21
		SUCTION SUPERHEAT (°F)	11	13	13	14	17	17
		OUTDOOR UNIT CURRENT (A)	9.7	9.3	9.2	8.9	8.5	8
		COMPRESSOR CURRENT (A)	8.4	8	8	7.6	7.8	7.4
		INDOOR COIL TEMP RISE (°F)	37	31	28	24	19	16
	835	LIQUID PRESSURE (PSIG)	429	406	399	381	358	332
		LIQUID TEMPERATURE (°F)	91	84	81	77	73	69
		LIQUID SUBCOOLING (°F)	32	34	35	36	37	36
		SUCTION PRESSURE (PSIG)	140	112	99	80	62	51
		SUCTION TEMPERATURE (°F)	59	49	43	36	26	20
		SUCTION SUPERHEAT (°F)	11	12	13	14	16	17
		OUTDOOR UNIT CURRENT (A)	8.2	8.2	8.2	8.2	7.3	7.3
		COMPRESSOR CURRENT (A)	6.8	6.8	6.8	6.8	6.5	6.5
		INDOOR COIL TEMP RISE (°F)	29	25	23	19	15	13
	1035	LIQUID PRESSURE (PSIG)	388	373	366	353	336	312
		LIQUID TEMPERATURE (°F)	87	82	79	76	73	69
		LIQUID SUBCOOLING (°F)	28	31	32	32	33	32
		SUCTION PRESSURE (PSIG)	139	112	99	80	62	51
		SUCTION TEMPERATURE (°F)	59	49	43	36	25	20
		SUCTION SUPERHEAT (°F)	11	12	13	14	16	17
		OUTDOOR UNIT CURRENT (A)	8	7.9	7.9	7.7	7.6	7.2
		COMPRESSOR CURRENT (A)	6.9	6.7	6.7	6.6	6.9	6.5
		INDOOR COIL TEMP RISE (°F)	23	20	18	15	12	10

YHG24B21S W/ CM30B COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	635	LIQUID PRESSURE (PSIG)	396	370	354	334	313	284
		LIQUID TEMPERATURE (°F)	73	66	62	58	56	54
		LIQUID SUBCOOLING (°F)	42	46	47	47	44	39
		SUCTION PRESSURE (PSIG)	135	109	95	78	58	49
		SUCTION TEMPERATURE (°F)	60	50	44	36	21	16
		SUCTION SUPERHEAT (°F)	14	15	16	17	14	14
		OUTDOOR UNIT CURRENT (A)	8.3	7.7	7.7	6.6	6.6	6.6
		COMPRESSOR CURRENT (A)	7	6.3	6.3	5.3	5.8	5.8
		INDOOR COIL TEMP RISE (°F)	38	32	29	25	18	15
	835	LIQUID PRESSURE (PSIG)	358	337	325	307	292	269
		LIQUID TEMPERATURE (°F)	69	63	61	57	55	53
		LIQUID SUBCOOLING (°F)	38	41	41	41	39	36
		SUCTION PRESSURE (PSIG)	134	108	95	77	57	48
		SUCTION TEMPERATURE (°F)	60	49	43	35	21	16
		SUCTION SUPERHEAT (°F)	14	15	15	16	14	14
		OUTDOOR UNIT CURRENT (A)	6.6	6.6	6.6	5.5	5.5	5.5
		COMPRESSOR CURRENT (A)	6.3	5.3	5.3	5.3	5.8	4.6
		INDOOR COIL TEMP RISE (°F)	31	26	23	20	14	12
	1035	LIQUID PRESSURE (PSIG)	320	304	295	281	272	254
		LIQUID TEMPERATURE (°F)	66	61	59	56	55	53
		LIQUID SUBCOOLING (°F)	34	36	36	36	35	33
		SUCTION PRESSURE (PSIG)	133	107	95	77	57	48
		SUCTION TEMPERATURE (°F)	60	49	43	35	21	16
		SUCTION SUPERHEAT (°F)	15	15	15	16	14	14
		OUTDOOR UNIT CURRENT (A)	6.8	6.8	6.7	6.6	6.5	6.2
		COMPRESSOR CURRENT (A)	5.7	5.6	5.5	5.4	5.8	5.5
		INDOOR COIL TEMP RISE (°F)	24	21	19	15	12	10
70	635	LIQUID PRESSURE (PSIG)	451	421	409	386	359	331
		LIQUID TEMPERATURE (°F)	82	74	70	66	64	61
		LIQUID SUBCOOLING (°F)	44	47	48	48	45	43
		SUCTION PRESSURE (PSIG)	136	109	96	79	59	49
		SUCTION TEMPERATURE (°F)	61	50	45	37	22	17
		SUCTION SUPERHEAT (°F)	14	15	16	17	15	15
		OUTDOOR UNIT CURRENT (A)	8.8	8.8	7.7	7.7	7.7	6.6
		COMPRESSOR CURRENT (A)	7.4	7.4	7.4	6.3	6.9	5.8
		INDOOR COIL TEMP RISE (°F)	37	31	28	24	18	15
	835	LIQUID PRESSURE (PSIG)	409	382	376	358	338	313
		LIQUID TEMPERATURE (°F)	78	71	68	64	63	60
		LIQUID SUBCOOLING (°F)	39	42	42	44	41	38
		SUCTION PRESSURE (PSIG)	135	109	96	78	58	48
		SUCTION TEMPERATURE (°F)	60	50	44	36	21	17
		SUCTION SUPERHEAT (°F)	14	15	15	17	14	15
		OUTDOOR UNIT CURRENT (A)	7.7	7.7	7.7	6.6	6.6	6.6
		COMPRESSOR CURRENT (A)	6.3	6.3	6.3	6.3	5.8	5.8
		INDOOR COIL TEMP RISE (°F)	30	25	23	19	14	12
	1035	LIQUID PRESSURE (PSIG)	368	352	344	330	316	294
		LIQUID TEMPERATURE (°F)	74	69	66	63	63	60
		LIQUID SUBCOOLING (°F)	34	38	38	39	36	35
		SUCTION PRESSURE (PSIG)	134	108	96	78	58	48
		SUCTION TEMPERATURE (°F)	60	50	44	36	21	17
		SUCTION SUPERHEAT (°F)	14	15	15	17	14	15
		OUTDOOR UNIT CURRENT (A)	7.7	6.6	6.6	6.6	6.6	6.6
		COMPRESSOR CURRENT (A)	6.3	6.3	6.3	5.3	5.8	5.8
		INDOOR COIL TEMP RISE (°F)	23	20	18	15	11	10

Continued on next page.

YHG24B21S W/ CM30B COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	635	LIQUID PRESSURE (PSIG)	505	473	463	439	406	378
		LIQUID TEMPERATURE (°F)	90	83	79	75	73	68
		LIQUID SUBCOOLING (°F)	45	48	51	51	47	46
		SUCTION PRESSURE (PSIG)	138	110	98	80	60	50
		SUCTION TEMPERATURE (°F)	62	51	46	38	24	18
		SUCTION SUPERHEAT (°F)	14	16	17	18	16	17
		OUTDOOR UNIT CURRENT (A)	10.4	10	9.9	9.5	9	8.4
		COMPRESSOR CURRENT (A)	9.1	8.7	8.6	8.2	8.4	7.9
		INDOOR COIL TEMP RISE (°F)	37	31	28	24	18	15
	835	LIQUID PRESSURE (PSIG)	461	436	428	409	383	356
		LIQUID TEMPERATURE (°F)	86	80	77	73	72	68
		LIQUID SUBCOOLING (°F)	40	44	45	46	43	42
		SUCTION PRESSURE (PSIG)	137	110	97	79	59	49
		SUCTION TEMPERATURE (°F)	61	51	45	37	23	17
		SUCTION SUPERHEAT (°F)	14	15	16	18	15	16
		OUTDOOR UNIT CURRENT (A)	8.8	8.8	8.8	8.8	7.7	7.7
		COMPRESSOR CURRENT (A)	7.4	7.4	7.4	7.4	6.9	6.9
		INDOOR COIL TEMP RISE (°F)	29	25	23	19	14	12
	1035	LIQUID PRESSURE (PSIG)	417	401	393	379	360	334
		LIQUID TEMPERATURE (°F)	83	78	75	72	72	68
		LIQUID SUBCOOLING (°F)	35	39	40	41	38	37
		SUCTION PRESSURE (PSIG)	136	110	97	79	59	49
		SUCTION TEMPERATURE (°F)	61	51	45	37	22	17
		SUCTION SUPERHEAT (°F)	14	15	16	18	15	16
		OUTDOOR UNIT CURRENT (A)	8.6	8.5	8.5	8.3	8	7.6
		COMPRESSOR CURRENT (A)	7.4	7.2	7.2	7.1	7.4	7
		INDOOR COIL TEMP RISE (°F)	23	20	18	15	11	10

FOR USE WITH MODELS WITH TXV:

YHG30B21S
CH6B3021S
TH6B3021S
RHP16L30B21S

YHG30B21S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	199 (11)	200 (11)	203 (12)	205 (12)
60	217 (12)	219 (12)	222 (12)	224 (12)
65	236 (12)	238 (12)	241 (12)	243 (13)
70	255 (12)	256 (12)	260 (13)	262 (13)
75	274 (12)	275 (12)	279 (13)	282 (13)
80	298 (13)	300 (13)	304 (13)	306 (13)
85	322 (13)	324 (13)	328 (14)	330 (14)
90	346 (13)	348 (14)	353 (14)	354 (14)
95	371 (14)	372 (14)	377 (15)	378 (15)
100	404 (15)	405 (15)	410 (15)	411 (15)
105	437 (16)	438 (15)	442 (16)	444 (16)
110	470 (16)	471 (16)	475 (16)	477 (16)
115	503 (16)	504 (16)	507 (17)	510 (17)
120	536 (17)	536 (17)	540 (17)	544 (17)
125	570 (17)	569 (17)	572 (18)	577 (18)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHG30B21S W/ CM30B COIL SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	198 (10)	199 (11)	202 (11)	204 (11)
60	217 (11)	218 (11)	221 (11)	223 (12)
65	236 (11)	237 (11)	240 (12)	242 (12)
70	255 (11)	256 (11)	259 (12)	262 (12)
75	273 (11)	274 (11)	279 (12)	281 (12)
80	298 (12)	299 (12)	303 (12)	305 (12)
85	322 (12)	323 (12)	327 (13)	329 (13)
90	346 (12)	347 (13)	352 (13)	353 (13)
95	370 (13)	371 (13)	376 (14)	377 (14)
100	403 (14)	404 (14)	409 (14)	410 (14)
105	436 (15)	437 (14)	441 (14)	443 (15)
110	469 (15)	470 (15)	474 (15)	476 (15)
115	502 (15)	502 (15)	506 (15)	509 (16)
120	535 (16)	535 (16)	538 (16)	542 (16)
125	568 (16)	568 (16)	571 (16)	575 (17)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHG30B21S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	800	LIQUID PRESSURE (PSIG)	201	238	275	324	373	438	502	567
		LIQUID TEMPERATURE (°F)	58	67	77	87	97	107	116	126
		LIQUID SUBCOOLING (°F)	12	12	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	118	121	123	125	128	131	134	136
		SUCTION TEMPERATURE (°F)	54	56	58	60	63	66	69	72
		SUCTION SUPERHEAT (°F)	14	15	16	17	18	20	22	25
		OUTDOOR UNIT CURRENT (A)	5.6	6.3	7.0	8.1	9.1	10.7	12.3	13.9
		COMPRESSOR CURRENT (A)	4.6	5.3	6.0	7.1	8.1	9.7	11.4	13.0
		INDOOR COIL TEMP DROP (°F)	24	24	23	23	22	21	20	19
	1000	LIQUID PRESSURE (PSIG)	201	239	276	324	372	438	503	568
		LIQUID TEMPERATURE (°F)	58	68	77	87	97	107	116	126
		LIQUID SUBCOOLING (°F)	12	12	13	14	14	15	16	18
		SUCTION PRESSURE (PSIG)	122	125	127	129	132	134	137	140
		SUCTION TEMPERATURE (°F)	56	58	60	62	64	67	70	73
		SUCTION SUPERHEAT (°F)	15	15	16	17	18	20	22	24
		OUTDOOR UNIT CURRENT (A)	5.6	6.3	7.1	8.0	9.0	10.7	12.3	13.9
		COMPRESSOR CURRENT (A)	4.6	5.3	6.0	7.1	8.1	9.7	11.3	13.0
		INDOOR COIL TEMP DROP (°F)	22	21	21	20	20	19	18	18
	1200	LIQUID PRESSURE (PSIG)	202	240	278	325	372	438	503	569
		LIQUID TEMPERATURE (°F)	58	68	77	87	97	107	117	126
		LIQUID SUBCOOLING (°F)	12	12	13	13	14	15	16	17
		SUCTION PRESSURE (PSIG)	127	129	131	133	135	138	141	143
		SUCTION TEMPERATURE (°F)	59	60	61	63	66	68	71	74
		SUCTION SUPERHEAT (°F)	15	16	16	17	18	20	22	24
		OUTDOOR UNIT CURRENT (A)	5.6	6.3	7.1	8.0	9.0	10.6	12.3	13.9
		COMPRESSOR CURRENT (A)	4.6	5.3	6.0	7.0	8.0	9.7	11.3	13.0
		INDOOR COIL TEMP DROP (°F)	19	19	19	18	18	17	17	16
80/57	800	LIQUID PRESSURE (PSIG)	197	235	272	321	369	436	503	570
		LIQUID TEMPERATURE (°F)	57	67	77	87	96	106	116	126
		LIQUID SUBCOOLING (°F)	11	12	12	13	14	15	16	18
		SUCTION PRESSURE (PSIG)	110	113	116	120	123	128	132	136
		SUCTION TEMPERATURE (°F)	51	53	56	58	61	65	68	72
		SUCTION SUPERHEAT (°F)	15	16	16	18	19	21	22	24
		OUTDOOR UNIT CURRENT (A)	5.5	6.2	7.0	8.0	9.0	10.7	12.5	14.2
		COMPRESSOR CURRENT (A)	4.6	5.3	6.0	7.0	8.1	9.8	11.5	13.3
		INDOOR COIL TEMP DROP (°F)	31	30	29	28	27	26	25	24
	1000	LIQUID PRESSURE (PSIG)	199	236	274	322	371	437	503	570
		LIQUID TEMPERATURE (°F)	58	68	77	87	97	107	117	126
		LIQUID SUBCOOLING (°F)	11	12	12	13	14	15	16	17
		SUCTION PRESSURE (PSIG)	117	120	123	127	131	135	139	143
		SUCTION TEMPERATURE (°F)	54	56	59	61	63	67	70	74
		SUCTION SUPERHEAT (°F)	15	16	17	17	18	20	22	23
		OUTDOOR UNIT CURRENT (A)	5.5	6.3	7.0	8.0	9.0	10.7	12.4	14.1
		COMPRESSOR CURRENT (A)	4.6	5.3	6.0	7.0	8.0	9.7	11.5	13.2
		INDOOR COIL TEMP DROP (°F)	28	27	26	25	24	23	22	21
	1200	LIQUID PRESSURE (PSIG)	200	238	276	324	372	438	504	569
		LIQUID TEMPERATURE (°F)	58	68	78	87	97	107	117	126
		LIQUID SUBCOOLING (°F)	11	12	12	13	14	15	16	17
		SUCTION PRESSURE (PSIG)	125	127	130	134	138	142	146	150
		SUCTION TEMPERATURE (°F)	58	60	62	64	66	69	72	75
		SUCTION SUPERHEAT (°F)	15	16	17	17	18	19	21	22
		OUTDOOR UNIT CURRENT (A)	5.6	6.3	7.0	8.0	8.9	10.6	12.3	14.0
		COMPRESSOR CURRENT (A)	4.6	5.3	6.0	7.0	8.0	9.7	11.4	13.1
		INDOOR COIL TEMP DROP (°F)	24	23	22	21	21	20	18	17

Continued on next page.

YHG30B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	800	LIQUID PRESSURE (PSIG)	199	237	274	323	372	437	502	567
		LIQUID TEMPERATURE (°F)	58	68	78	87	97	105	114	122
		LIQUID SUBCOOLING (°F)	11	12	12	13	14	15	16	17
		SUCTION PRESSURE (PSIG)	119	121	123	125	128	131	135	138
		SUCTION TEMPERATURE (°F)	55	57	59	61	63	66	69	73
		SUCTION SUPERHEAT (°F)	15	16	17	17	18	20	22	24
		OUTDOOR UNIT CURRENT (A)	5.6	6.3	7.0	8.0	9.1	10.7	12.3	13.9
		COMPRESSOR CURRENT (A)	4.5	5.2	5.9	7.0	8.0	9.7	11.3	13.0
		INDOOR COIL TEMP DROP (°F)	28	27	27	26	26	25	24	22
	1000	LIQUID PRESSURE (PSIG)	200	238	275	324	372	438	504	569
		LIQUID TEMPERATURE (°F)	58	68	78	87	96	106	115	125
		LIQUID SUBCOOLING (°F)	11	12	12	13	14	15	16	17
		SUCTION PRESSURE (PSIG)	123	125	127	130	133	137	141	144
		SUCTION TEMPERATURE (°F)	57	59	60	62	64	68	71	74
		SUCTION SUPERHEAT (°F)	15	16	16	17	18	20	21	23
		OUTDOOR UNIT CURRENT (A)	5.6	6.3	7.0	8.0	9.1	10.7	12.4	14.0
		COMPRESSOR CURRENT (A)	4.6	5.3	6.0	7.0	8.1	9.7	11.4	13.1
		INDOOR COIL TEMP DROP (°F)	26	25	24	24	23	22	21	20
	1200	LIQUID PRESSURE (PSIG)	201	238	276	325	373	439	505	572
		LIQUID TEMPERATURE (°F)	59	68	78	87	96	106	116	127
		LIQUID SUBCOOLING (°F)	12	12	12	13	14	15	16	17
		SUCTION PRESSURE (PSIG)	128	130	132	135	138	142	146	151
		SUCTION TEMPERATURE (°F)	59	61	62	64	66	69	72	75
		SUCTION SUPERHEAT (°F)	15	16	16	17	18	19	21	22
		OUTDOOR UNIT CURRENT (A)	5.7	6.3	7.0	8.0	9.1	10.8	12.4	14.1
		COMPRESSOR CURRENT (A)	4.6	5.3	6.0	7.1	8.1	9.8	11.5	13.2
		INDOOR COIL TEMP DROP (°F)	23	23	22	22	21	20	19	17
80/67	800	LIQUID PRESSURE (PSIG)	202	240	278	328	377	442	507	572
		LIQUID TEMPERATURE (°F)	58	68	78	88	97	107	117	127
		LIQUID SUBCOOLING (°F)	12	12	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	129	131	134	137	140	143	146	149
		SUCTION TEMPERATURE (°F)	59	61	62	64	66	69	72	75
		SUCTION SUPERHEAT (°F)	15	15	16	17	18	19	21	22
		OUTDOOR UNIT CURRENT (A)	5.6	6.3	7.0	8.1	9.1	10.7	12.3	14.0
		COMPRESSOR CURRENT (A)	4.6	5.3	6.1	7.1	8.1	9.8	11.4	13.0
		INDOOR COIL TEMP DROP (°F)	24	23	23	22	22	21	20	19
	1000	LIQUID PRESSURE (PSIG)	203	241	279	328	377	442	507	572
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	12	12	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	133	135	138	141	144	147	149	152
		SUCTION TEMPERATURE (°F)	62	63	64	66	68	71	73	76
		SUCTION SUPERHEAT (°F)	16	16	16	17	18	19	21	22
		OUTDOOR UNIT CURRENT (A)	5.6	6.3	7.0	8.1	9.1	10.7	12.3	13.9
		COMPRESSOR CURRENT (A)	4.6	5.3	6.1	7.1	8.1	9.8	11.4	13.0
		INDOOR COIL TEMP DROP (°F)	21	21	21	20	20	19	18	18
	1200	LIQUID PRESSURE (PSIG)	203	242	280	329	378	443	508	573
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	12	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	137	139	142	145	148	150	153	156
		SUCTION TEMPERATURE (°F)	64	65	66	68	70	72	75	77
		SUCTION SUPERHEAT (°F)	17	16	16	17	18	19	21	22
		OUTDOOR UNIT CURRENT (A)	5.6	6.3	7.0	8.1	9.1	10.7	12.3	13.9
		COMPRESSOR CURRENT (A)	4.6	5.4	6.1	7.1	8.1	9.8	11.4	13.0
		INDOOR COIL TEMP DROP (°F)	19	19	19	18	18	17	17	16

Continued on next page.

YHG30B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	800	LIQUID PRESSURE (PSIG)	204	242	281	329	377	444	510	577
		LIQUID TEMPERATURE (°F)	58	68	78	88	97	107	117	127
		LIQUID SUBCOOLING (°F)	12	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	138	142	145	148	151	154	158	161
		SUCTION TEMPERATURE (°F)	65	66	67	68	70	73	75	78
		SUCTION SUPERHEAT (°F)	17	16	16	16	17	18	20	21
		OUTDOOR UNIT CURRENT (A)	5.6	6.4	7.1	8.0	9.0	10.7	12.4	14.2
		COMPRESSOR CURRENT (A)	4.6	5.3	6.1	7.1	8.0	9.8	11.5	13.3
		INDOOR COIL TEMP DROP (°F)	19	19	19	18	18	17	16	15
	1000	LIQUID PRESSURE (PSIG)	205	243	282	330	378	444	510	577
		LIQUID TEMPERATURE (°F)	59	69	79	88	97	107	117	127
		LIQUID SUBCOOLING (°F)	12	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	141	145	149	152	155	158	161	164
		SUCTION TEMPERATURE (°F)	68	68	69	70	72	74	76	79
		SUCTION SUPERHEAT (°F)	18	17	16	17	17	18	20	21
		OUTDOOR UNIT CURRENT (A)	5.7	6.4	7.1	8.0	9.0	10.7	12.4	14.1
		COMPRESSOR CURRENT (A)	4.6	5.3	6.1	7.1	8.1	9.8	11.5	13.2
		INDOOR COIL TEMP DROP (°F)	17	17	16	16	16	15	14	14
	1200	LIQUID PRESSURE (PSIG)	206	244	283	331	379	445	510	576
		LIQUID TEMPERATURE (°F)	59	69	79	88	97	107	117	127
		LIQUID SUBCOOLING (°F)	12	13	13	14	15	16	17	18
		SUCTION PRESSURE (PSIG)	144	148	152	155	158	161	164	166
		SUCTION TEMPERATURE (°F)	70	70	70	72	73	75	78	80
		SUCTION SUPERHEAT (°F)	19	18	17	17	17	19	20	21
		OUTDOOR UNIT CURRENT (A)	5.7	6.4	7.1	8.0	9.0	10.7	12.3	14.0
		COMPRESSOR CURRENT (A)	4.6	5.3	6.1	7.1	8.1	9.7	11.4	13.1
		INDOOR COIL TEMP DROP (°F)	15	15	14	14	14	13	13	12

YHG30B21S W/ CM30B COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	800	LIQUID PRESSURE (PSIG)	200	237	275	323	372	436	501	565
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	107	117	127
		LIQUID SUBCOOLING (°F)	11	12	12	13	14	15	16	17
		SUCTION PRESSURE (PSIG)	118	120	122	125	127	130	133	135
		SUCTION TEMPERATURE (°F)	51	53	54	57	59	62	65	68
		SUCTION SUPERHEAT (°F)	11	12	12	13	14	16	17	19
		OUTDOOR UNIT CURRENT (A)	5.6	6.3	7.0	8.1	9.1	10.7	12.3	13.9
		COMPRESSOR CURRENT (A)	4.6	5.3	6.0	7.1	8.1	9.7	11.4	13.0
		INDOOR COIL TEMP DROP (°F)	24	23	23	22	21	21	20	19
	1000	LIQUID PRESSURE (PSIG)	201	238	276	324	371	436	501	566
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	11	12	12	13	13	14	15	16
		SUCTION PRESSURE (PSIG)	122	124	126	128	131	134	136	139
		SUCTION TEMPERATURE (°F)	53	54	56	58	60	63	66	69
		SUCTION SUPERHEAT (°F)	11	12	13	13	14	16	17	19
		OUTDOOR UNIT CURRENT (A)	5.6	6.3	7.1	8.0	9.0	10.7	12.3	13.9
		COMPRESSOR CURRENT (A)	4.6	5.3	6.0	7.0	8.0	9.7	11.3	13.0
		INDOOR COIL TEMP DROP (°F)	21	21	21	20	19	19	18	17
	1200	LIQUID PRESSURE (PSIG)	201	239	277	324	371	436	502	568
		LIQUID TEMPERATURE (°F)	59	68	78	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	11	11	12	13	13	14	15	16
		SUCTION PRESSURE (PSIG)	126	128	130	132	134	137	140	143
		SUCTION TEMPERATURE (°F)	55	56	58	59	61	64	67	70
		SUCTION SUPERHEAT (°F)	12	12	13	13	14	16	17	19
		OUTDOOR UNIT CURRENT (A)	5.6	6.3	7.1	8.0	9.0	10.6	12.3	13.9
		COMPRESSOR CURRENT (A)	4.6	5.3	6.0	7.0	8.0	9.7	11.3	12.9
		INDOOR COIL TEMP DROP (°F)	19	19	18	18	17	17	16	16
80/57	800	LIQUID PRESSURE (PSIG)	197	234	272	320	368	435	502	568
		LIQUID TEMPERATURE (°F)	58	68	78	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	10	11	11	12	13	14	15	16
		SUCTION PRESSURE (PSIG)	109	113	116	119	123	127	131	135
		SUCTION TEMPERATURE (°F)	48	50	52	55	57	61	64	67
		SUCTION SUPERHEAT (°F)	11	12	13	14	15	16	17	19
		OUTDOOR UNIT CURRENT (A)	5.5	6.2	7.0	8.0	9.0	10.7	12.5	14.2
		COMPRESSOR CURRENT (A)	4.5	5.3	6.0	7.0	8.0	9.8	11.5	13.2
		INDOOR COIL TEMP DROP (°F)	31	30	29	27	26	25	24	23
	1000	LIQUID PRESSURE (PSIG)	198	236	273	322	370	436	502	568
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	117	127
		LIQUID SUBCOOLING (°F)	10	11	11	12	13	14	15	16
		SUCTION PRESSURE (PSIG)	117	119	122	126	130	134	138	142
		SUCTION TEMPERATURE (°F)	51	53	55	57	59	63	66	69
		SUCTION SUPERHEAT (°F)	11	12	13	14	14	15	17	18
		OUTDOOR UNIT CURRENT (A)	5.5	6.3	7.0	8.0	9.0	10.7	12.4	14.1
		COMPRESSOR CURRENT (A)	4.6	5.3	6.0	7.0	8.0	9.7	11.4	13.2
		INDOOR COIL TEMP DROP (°F)	27	26	25	24	23	22	21	20
	1200	LIQUID PRESSURE (PSIG)	200	237	275	323	371	437	502	568
		LIQUID TEMPERATURE (°F)	59	68	78	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	10	11	12	12	13	14	15	16
		SUCTION PRESSURE (PSIG)	124	126	129	133	137	141	145	149
		SUCTION TEMPERATURE (°F)	54	56	58	60	62	65	68	71
		SUCTION SUPERHEAT (°F)	11	12	13	13	14	15	16	17
		OUTDOOR UNIT CURRENT (A)	5.6	6.3	7.0	8.0	8.9	10.6	12.3	14.0
		COMPRESSOR CURRENT (A)	4.6	5.3	6.0	7.0	8.0	9.7	11.4	13.1
		INDOOR COIL TEMP DROP (°F)	23	23	22	21	20	19	18	17

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YHG30B21S W/ CM30B COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	800	LIQUID PRESSURE (PSIG)	199	236	274	322	371	436	500	565
		LIQUID TEMPERATURE (°F)	59	68	78	88	97	106	115	123
		LIQUID SUBCOOLING (°F)	10	11	11	12	13	14	15	16
		SUCTION PRESSURE (PSIG)	118	120	122	125	127	131	134	137
		SUCTION TEMPERATURE (°F)	51	53	55	57	59	62	65	68
		SUCTION SUPERHEAT (°F)	11	12	13	14	14	16	17	19
		OUTDOOR UNIT CURRENT (A)	5.6	6.3	7.0	8.0	9.1	10.7	12.3	13.9
		COMPRESSOR CURRENT (A)	4.5	5.2	5.9	7.0	8.0	9.6	11.3	13.0
		INDOOR COIL TEMP DROP (°F)	28	27	26	26	25	24	23	22
	1000	LIQUID PRESSURE (PSIG)	199	237	274	323	371	437	502	568
		LIQUID TEMPERATURE (°F)	59	69	78	88	97	106	116	126
		LIQUID SUBCOOLING (°F)	11	11	11	12	13	14	15	16
		SUCTION PRESSURE (PSIG)	122	124	126	129	132	136	140	144
		SUCTION TEMPERATURE (°F)	53	55	57	58	60	63	66	69
		SUCTION SUPERHEAT (°F)	11	12	13	13	14	15	17	18
		OUTDOOR UNIT CURRENT (A)	5.6	6.3	7.0	8.0	9.1	10.7	12.4	14.0
		COMPRESSOR CURRENT (A)	4.6	5.3	6	7	8.1	9.7	11.4	13
		INDOOR COIL TEMP DROP (°F)	25	25	24	23	23	22	21	20
	1200	LIQUID PRESSURE (PSIG)	200	238	275	324	372	438	504	570
		LIQUID TEMPERATURE (°F)	59	69	79	88	96	107	117	128
		LIQUID SUBCOOLING (°F)	11	11	11	12	13	14	15	16
		SUCTION PRESSURE (PSIG)	127	129	131	134	137	141	146	150
		SUCTION TEMPERATURE (°F)	55	57	58	60	62	65	68	71
		SUCTION SUPERHEAT (°F)	12	12	13	13	14	15	16	17
		OUTDOOR UNIT CURRENT (A)	5.7	6.3	7.0	8.0	9.1	10.8	12.4	14.1
		COMPRESSOR CURRENT (A)	4.6	5.3	6.0	7.1	8.1	9.8	11.5	13.1
		INDOOR COIL TEMP DROP (°F)	23	22	22	21	21	20	18	17
80/67	800	LIQUID PRESSURE (PSIG)	201	239	278	327	376	441	505	570
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	11	12	12	13	14	14	15	16
		SUCTION PRESSURE (PSIG)	128	130	133	136	139	142	145	148
		SUCTION TEMPERATURE (°F)	56	57	58	60	62	65	68	70
		SUCTION SUPERHEAT (°F)	12	12	12	13	14	15	16	17
		OUTDOOR UNIT CURRENT (A)	5.6	6.3	7.0	8.1	9.1	10.7	12.3	14.0
		COMPRESSOR CURRENT (A)	4.6	5.3	6.1	7.1	8.1	9.8	11.4	13.0
		INDOOR COIL TEMP DROP (°F)	23	23	22	22	21	21	20	19
	1000	LIQUID PRESSURE (PSIG)	202	240	279	327	376	441	506	571
		LIQUID TEMPERATURE (°F)	59	69	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	11	12	12	13	14	14	15	16
		SUCTION PRESSURE (PSIG)	132	134	137	140	143	146	148	151
		SUCTION TEMPERATURE (°F)	58	59	60	62	64	66	69	71
		SUCTION SUPERHEAT (°F)	12	12	12	13	14	15	16	17
		OUTDOOR UNIT CURRENT (A)	5.6	6.3	7.0	8.1	9.1	10.7	12.3	13.9
		COMPRESSOR CURRENT (A)	4.6	5.3	6.1	7.1	8.1	9.8	11.4	13.0
		INDOOR COIL TEMP DROP (°F)	21	21	20	20	19	19	18	17
	1200	LIQUID PRESSURE (PSIG)	203	241	279	328	377	442	507	571
		LIQUID TEMPERATURE (°F)	59	69	79	89	98	108	118	128
		LIQUID SUBCOOLING (°F)	11	12	12	13	14	14	15	16
		SUCTION PRESSURE (PSIG)	136	139	141	144	147	149	152	155
		SUCTION TEMPERATURE (°F)	60	61	62	63	65	68	70	72
		SUCTION SUPERHEAT (°F)	13	13	12	13	14	15	16	17
		OUTDOOR UNIT CURRENT (A)	5.6	6.3	7.0	8.1	9.1	10.7	12.3	13.9
		COMPRESSOR CURRENT (A)	4.6	5.3	6.1	7.1	8.1	9.7	11.4	13.0
		INDOOR COIL TEMP DROP (°F)	19	18	18	18	17	17	16	16

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YHG30B21S W/ CM30B COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	800	LIQUID PRESSURE (PSIG)	203	242	280	328	376	442	509	576
		LIQUID TEMPERATURE (°F)	59	69	79	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	11	12	12	13	14	15	16	17
		SUCTION PRESSURE (PSIG)	137	141	144	147	150	153	157	160
		SUCTION TEMPERATURE (°F)	61	62	63	64	66	68	71	73
		SUCTION SUPERHEAT (°F)	13	13	12	13	13	14	15	16
		OUTDOOR UNIT CURRENT (A)	5.6	6.4	7.1	8.0	9.0	10.7	12.4	14.2
		COMPRESSOR CURRENT (A)	4.6	5.3	6.1	7.0	8.0	9.8	11.5	13.3
		INDOOR COIL TEMP DROP (°F)	19	19	18	18	17	16	16	15
	1000	LIQUID PRESSURE (PSIG)	204	242	281	329	377	443	509	575
		LIQUID TEMPERATURE (°F)	59	69	79	89	98	108	118	128
		LIQUID SUBCOOLING (°F)	11	12	12	13	14	15	16	17
		SUCTION PRESSURE (PSIG)	140	144	148	151	154	157	160	163
		SUCTION TEMPERATURE (°F)	63	64	64	66	67	69	72	74
		SUCTION SUPERHEAT (°F)	14	13	13	13	13	14	15	16
		OUTDOOR UNIT CURRENT (A)	5.7	6.4	7.1	8.0	9.0	10.7	12.4	14.1
		COMPRESSOR CURRENT (A)	4.6	5.3	6.1	7.0	8.0	9.7	11.5	13.2
		INDOOR COIL TEMP DROP (°F)	17	16	16	16	15	15	14	13
	1200	LIQUID PRESSURE (PSIG)	205	243	282	330	378	444	509	575
		LIQUID TEMPERATURE (°F)	59	69	79	89	98	108	118	128
		LIQUID SUBCOOLING (°F)	12	12	12	13	14	15	16	17
		SUCTION PRESSURE (PSIG)	143	147	151	154	157	160	163	165
		SUCTION TEMPERATURE (°F)	65	66	66	67	69	71	73	75
		SUCTION SUPERHEAT (°F)	15	14	13	13	13	14	15	16
		OUTDOOR UNIT CURRENT (A)	5.7	6.4	7.1	8.0	9.0	10.7	12.3	14.0
		COMPRESSOR CURRENT (A)	4.6	5.3	6.1	7.1	8.1	9.7	11.4	13.1
		INDOOR COIL TEMP DROP (°F)	14	14	14	14	14	13	12	12

YHG30B21S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	800	LIQUID PRESSURE (PSIG)	349	322	307	285	268	261
		LIQUID TEMPERATURE (°F)	84	74	69	62	58	65
		LIQUID SUBCOOLING (°F)	23	28	29	31	30	32
		SUCTION PRESSURE (PSIG)	128	103	89	71	57	50
		SUCTION TEMPERATURE (°F)	57	46	38	26	19	16
		SUCTION SUPERHEAT (°F)	13	13	12	11	13	14
		OUTDOOR UNIT CURRENT (A)	8.8	8.2	7.2	7.2	7.4	7.4
		COMPRESSOR CURRENT (A)	7.8	7.2	6.2	6.2	6.3	6.3
		INDOOR COIL TEMP RISE (°F)	38	32	29	24	21	18
	1000	LIQUID PRESSURE (PSIG)	323	300	288	270	254	248
		LIQUID TEMPERATURE (°F)	80	71	67	60	57	59
		LIQUID SUBCOOLING (°F)	21	24	26	29	28	29
		SUCTION PRESSURE (PSIG)	127	102	89	71	57	49
		SUCTION TEMPERATURE (°F)	57	45	38	27	19	15
		SUCTION SUPERHEAT (°F)	14	13	12	12	13	13
		OUTDOOR UNIT CURRENT (A)	8.2	7.2	7.2	6.2	6.3	6.3
		COMPRESSOR CURRENT (A)	7.2	6.2	6.2	5.1	5.3	5.3
		INDOOR COIL TEMP RISE (°F)	31	26	23	19	16	14
	1200	LIQUID PRESSURE (PSIG)	297	278	269	255	241	235
		LIQUID TEMPERATURE (°F)	76	69	65	59	56	54
		LIQUID SUBCOOLING (°F)	20	22	23	27	26	26
		SUCTION PRESSURE (PSIG)	126	102	89	71	57	49
		SUCTION TEMPERATURE (°F)	59	45	39	28	19	14
		SUCTION SUPERHEAT (°F)	15	13	13	13	13	13
		OUTDOOR UNIT CURRENT (A)	7.7	7.4	7.3	7.1	7	6.9
		COMPRESSOR CURRENT (A)	6.7	6.4	6.3	6	5.9	5.8
		INDOOR COIL TEMP RISE (°F)	27	22	20	16	14	13
70	800	LIQUID PRESSURE (PSIG)	398	369	354	332	310	299
		LIQUID TEMPERATURE (°F)	91	81	76	70	65	69
		LIQUID SUBCOOLING (°F)	26	30	31	33	32	33
		SUCTION PRESSURE (PSIG)	129	103	91	73	58	50
		SUCTION TEMPERATURE (°F)	57	45	39	29	21	16
		SUCTION SUPERHEAT (°F)	13	12	12	12	13	14
		OUTDOOR UNIT CURRENT (A)	9.2	9.2	8.2	8.2	8.4	7.4
		COMPRESSOR CURRENT (A)	8.2	8.2	7.2	7.2	7.4	6.3
		INDOOR COIL TEMP RISE (°F)	37	31	28	23	20	17
	1000	LIQUID PRESSURE (PSIG)	369	343	333	315	296	286
		LIQUID TEMPERATURE (°F)	87	78	74	68	64	64
		LIQUID SUBCOOLING (°F)	22	27	28	31	30	30
		SUCTION PRESSURE (PSIG)	128	102	90	72	58	49
		SUCTION TEMPERATURE (°F)	57	45	39	29	20	15
		SUCTION SUPERHEAT (°F)	13	12	12	13	13	14
		OUTDOOR UNIT CURRENT (A)	9.2	8.2	8.2	7.2	7.4	7.4
		COMPRESSOR CURRENT (A)	8.2	7.2	7.2	6.2	6.3	6.3
		INDOOR COIL TEMP RISE (°F)	31	26	23	19	16	14
	1200	LIQUID PRESSURE (PSIG)	341	322	312	299	282	274
		LIQUID TEMPERATURE (°F)	83	76	72	67	64	62
		LIQUID SUBCOOLING (°F)	21	24	26	29	28	28
		SUCTION PRESSURE (PSIG)	127	102	90	72	58	49
		SUCTION TEMPERATURE (°F)	57	45	39	30	20	15
		SUCTION SUPERHEAT (°F)	14	13	13	13	13	14
		OUTDOOR UNIT CURRENT (A)	8.2	8.2	8.2	7.2	7.4	7.4
		COMPRESSOR CURRENT (A)	7.2	7.2	6.2	6.2	6.3	6.3
		INDOOR COIL TEMP RISE (°F)	26	22	18	15	13	12

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YHG30B21S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	800	LIQUID PRESSURE (PSIG)	447	416	402	380	353	337
		LIQUID TEMPERATURE (°F)	98	89	84	78	74	72
		LIQUID SUBCOOLING (°F)	28	32	34	35	35	34
		SUCTION PRESSURE (PSIG)	131	104	93	76	59	51
		SUCTION TEMPERATURE (°F)	59	45	40	32	23	17
		SUCTION SUPERHEAT (°F)	13	12	13	14	14	15
		OUTDOOR UNIT CURRENT (A)	11.2	10.5	10.2	9.8	9.5	8.8
		COMPRESSOR CURRENT (A)	10.2	9.5	9.2	8.8	8.5	7.7
		INDOOR COIL TEMP RISE (°F)	37	31	28	23	20	17
	1000	LIQUID PRESSURE (PSIG)	416	391	379	361	338	325
		LIQUID TEMPERATURE (°F)	94	86	82	76	73	71
		LIQUID SUBCOOLING (°F)	24	29	31	33	32	32
		SUCTION PRESSURE (PSIG)	130	103	92	75	59	50
		SUCTION TEMPERATURE (°F)	57	45	40	32	22	16
		SUCTION SUPERHEAT (°F)	13	12	13	14	14	15
		OUTDOOR UNIT CURRENT (A)	10.3	9.2	9.2	9.2	8.4	8.4
		COMPRESSOR CURRENT (A)	9.3	8.2	8.2	8.2	7.4	7.4
		INDOOR COIL TEMP RISE (°F)	31	26	23	19	16	14
	1200	LIQUID PRESSURE (PSIG)	385	367	356	343	323	313
		LIQUID TEMPERATURE (°F)	91	84	80	75	73	71
		LIQUID SUBCOOLING (°F)	22	27	29	31	30	30
		SUCTION PRESSURE (PSIG)	129	103	91	75	59	50
		SUCTION TEMPERATURE (°F)	57	46	40	32	22	16
		SUCTION SUPERHEAT (°F)	13	13	13	14	14	15
		OUTDOOR UNIT CURRENT (A)	9.7	9.4	9.2	8.9	8.8	8.6
		COMPRESSOR CURRENT (A)	8.6	8.4	8.1	7.9	7.8	7.5
		INDOOR COIL TEMP RISE (°F)	25	21	19	16	13	11

YHG30B21S W/ CM30B COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	800	LIQUID PRESSURE (PSIG)	363	335	319	297	279	271
		LIQUID TEMPERATURE (°F)	83	73	68	61	58	65
		LIQUID SUBCOOLING (°F)	27	32	33	35	33	35
		SUCTION PRESSURE (PSIG)	129	104	90	71	58	51
		SUCTION TEMPERATURE (°F)	55	44	36	25	19	16
		SUCTION SUPERHEAT (°F)	11	11	10	9	13	14
		OUTDOOR UNIT CURRENT (A)	9.1	8.5	7.4	7.4	7.5	7.5
		COMPRESSOR CURRENT (A)	8.1	7.4	6.4	6.4	6.5	6.5
		INDOOR COIL TEMP RISE (°F)	39	32	29	24	20	18
	1000	LIQUID PRESSURE (PSIG)	336	312	300	281	264	258
		LIQUID TEMPERATURE (°F)	79	70	66	59	57	59
		LIQUID SUBCOOLING (°F)	24	28	29	33	31	32
		SUCTION PRESSURE (PSIG)	128	103	90	71	58	50
		SUCTION TEMPERATURE (°F)	55	43	36	26	19	15
		SUCTION SUPERHEAT (°F)	12	11	10	10	13	13
		OUTDOOR UNIT CURRENT (A)	8.5	7.4	7.4	6.3	6.4	6.4
		COMPRESSOR CURRENT (A)	7.4	6.4	6.4	5.3	5.4	5.4
		INDOOR COIL TEMP RISE (°F)	32	27	24	20	17	15
	1200	LIQUID PRESSURE (PSIG)	310	289	280	265	250	244
		LIQUID TEMPERATURE (°F)	75	68	64	58	56	54
		LIQUID SUBCOOLING (°F)	23	26	27	30	29	29
		SUCTION PRESSURE (PSIG)	127	103	90	71	58	50
		SUCTION TEMPERATURE (°F)	56	43	37	27	19	14
		SUCTION SUPERHEAT (°F)	12	11	11	11	13	13
		OUTDOOR UNIT CURRENT (A)	8	7.6	7.5	7.3	7.2	7
		COMPRESSOR CURRENT (A)	6.9	6.6	6.5	6.2	6	6
		INDOOR COIL TEMP RISE (°F)	27	23	20	17	14	12
70	800	LIQUID PRESSURE (PSIG)	414	384	368	345	323	311
		LIQUID TEMPERATURE (°F)	90	80	75	69	65	68
		LIQUID SUBCOOLING (°F)	29	34	35	38	35	36
		SUCTION PRESSURE (PSIG)	130	104	92	74	59	51
		SUCTION TEMPERATURE (°F)	55	43	37	28	21	16
		SUCTION SUPERHEAT (°F)	11	10	10	10	13	14
		OUTDOOR UNIT CURRENT (A)	9.5	9.5	8.5	8.5	8.6	7.5
		COMPRESSOR CURRENT (A)	8.5	8.5	7.4	7.4	7.5	6.5
		INDOOR COIL TEMP RISE (°F)	37	31	28	23	19	17
	1000	LIQUID PRESSURE (PSIG)	384	360	347	328	308	297
		LIQUID TEMPERATURE (°F)	86	77	73	67	64	64
		LIQUID SUBCOOLING (°F)	26	31	32	35	33	33
		SUCTION PRESSURE (PSIG)	129	103	91	73	59	50
		SUCTION TEMPERATURE (°F)	55	43	37	28	20	15
		SUCTION SUPERHEAT (°F)	11	10	10	11	13	14
		OUTDOOR UNIT CURRENT (A)	9.5	8.5	8.5	7.4	7.5	7.5
		COMPRESSOR CURRENT (A)	8.5	7.4	7.4	6.4	6.5	6.5
		INDOOR COIL TEMP RISE (°F)	31	26	23	20	16	14
	1200	LIQUID PRESSURE (PSIG)	355	335	325	311	293	285
		LIQUID TEMPERATURE (°F)	82	75	71	66	64	62
		LIQUID SUBCOOLING (°F)	24	28	29	33	31	31
		SUCTION PRESSURE (PSIG)	128	103	91	73	59	50
		SUCTION TEMPERATURE (°F)	55	43	37	29	20	15
		SUCTION SUPERHEAT (°F)	12	11	11	11	13	14
		OUTDOOR UNIT CURRENT (A)	8.5	8.5	8.5	7.4	7.5	7.5
		COMPRESSOR CURRENT (A)	7.4	7.4	6.4	6.4	6.5	6.5
		INDOOR COIL TEMP RISE (°F)	26	22	19	16	13	12

Continued on next page.

YHG30B21S W/ CM30B COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	800	LIQUID PRESSURE (PSIG)	465	433	418	395	367	351
		LIQUID TEMPERATURE (°F)	97	88	83	77	73	71
		LIQUID SUBCOOLING (°F)	32	37	39	40	39	38
		SUCTION PRESSURE (PSIG)	132	105	94	77	60	52
		SUCTION TEMPERATURE (°F)	56	43	38	31	23	17
		SUCTION SUPERHEAT (°F)	11	10	11	12	14	15
		OUTDOOR UNIT CURRENT (A)	11.5	10.8	10.5	10.1	9.6	8.9
		COMPRESSOR CURRENT (A)	10.5	9.8	9.5	9.1	8.6	7.8
		INDOOR COIL TEMP RISE (°F)	37	31	28	24	19	17
	1000	LIQUID PRESSURE (PSIG)	433	407	394	376	352	338
		LIQUID TEMPERATURE (°F)	93	85	81	75	72	70
		LIQUID SUBCOOLING (°F)	28	33	35	38	35	35
		SUCTION PRESSURE (PSIG)	131	104	93	76	60	51
		SUCTION TEMPERATURE (°F)	55	43	38	31	22	16
		SUCTION SUPERHEAT (°F)	11	10	11	12	14	15
		OUTDOOR UNIT CURRENT (A)	10.6	9.5	9.5	9.5	8.6	8.6
		COMPRESSOR CURRENT (A)	9.6	8.5	8.5	8.5	7.5	7.5
		INDOOR COIL TEMP RISE (°F)	31	26	23	20	16	14
	1200	LIQUID PRESSURE (PSIG)	401	382	370	357	336	326
		LIQUID TEMPERATURE (°F)	90	83	79	74	72	70
		LIQUID SUBCOOLING (°F)	26	30	33	35	33	33
		SUCTION PRESSURE (PSIG)	130	104	92	76	60	51
		SUCTION TEMPERATURE (°F)	55	44	38	31	22	16
		SUCTION SUPERHEAT (°F)	11	11	11	12	14	15
		OUTDOOR UNIT CURRENT (A)	10	9.7	9.4	9.2	8.9	8.7
		COMPRESSOR CURRENT (A)	8.9	8.7	8.4	8.1	7.9	7.6
		INDOOR COIL TEMP RISE (°F)	25	21	19	16	13	11

FOR USE WITH MODELS WITH TXV:

YHG36B21S
CH6B3621S
TH6B3621S
RHP16L36B21S

YHG36B21S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	183 (7)	187 (8)	187 (8)	188 (8)
60	201 (7)	205 (8)	206 (8)	207 (9)
65	218 (7)	223 (8)	224 (8)	226 (9)
70	235 (7)	241 (8)	242 (8)	244 (9)
75	252 (7)	259 (8)	261 (8)	263 (9)
80	275 (7)	280 (8)	283 (8)	286 (9)
85	297 (7)	302 (8)	305 (8)	308 (9)
90	319 (7)	324 (8)	327 (8)	331 (9)
95	341 (7)	346 (8)	349 (8)	353 (9)
100	369 (7)	374 (8)	377 (8)	381 (9)
105	397 (7)	402 (8)	405 (8)	408 (9)
110	425 (7)	430 (8)	433 (8)	436 (9)
115	453 (7)	458 (8)	461 (8)	464 (9)
120	481 (7)	486 (8)	489 (8)	492 (8)
125	508 (7)	514 (8)	517 (8)	519 (8)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHG36B21S W/ CF36C COIL SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	184 (5)	186 (6)	187 (6)	187 (6)
60	202 (5)	204 (6)	205 (6)	206 (6)
65	219 (5)	222 (6)	223 (6)	225 (6)
70	236 (5)	240 (6)	241 (6)	243 (7)
75	254 (5)	258 (6)	259 (6)	262 (7)
80	276 (5)	279 (6)	282 (6)	284 (7)
85	299 (5)	301 (6)	304 (6)	307 (7)
90	321 (5)	323 (6)	326 (6)	329 (7)
95	344 (5)	344 (6)	348 (6)	352 (7)
100	372 (5)	372 (6)	375 (6)	379 (6)
105	400 (5)	400 (6)	403 (6)	407 (6)
110	428 (5)	428 (6)	431 (6)	434 (6)
115	456 (5)	456 (6)	459 (6)	462 (6)
120	484 (5)	484 (6)	487 (6)	489 (6)
125	512 (5)	512 (6)	514 (6)	517 (6)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHG36B21S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
75/62	950	LIQUID PRESSURE (PSIG)	186	222	257	301	345	400	456	511
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	112	116	120	123	125	127	130	133
		SUCTION TEMPERATURE (°F)	59	57	54	56	58	61	64	67
		SUCTION SUPERHEAT (°F)	21	17	13	14	15	17	19	20
		OUTDOOR UNIT CURRENT (A)	7	7.8	8.7	9.8	10.9	12.5	14.1	15.8
		COMPRESSOR CURRENT (A)	5.4	6.2	7.1	8.2	9.3	11	12.6	14.3
		INDOOR COIL TEMP DROP (°F)	24	24	24	23	23	22	21	20
	1200	LIQUID PRESSURE (PSIG)	187	222	258	302	346	402	457	512
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	113	119	125	127	129	132	134	137
		SUCTION TEMPERATURE (°F)	63	60	57	58	59	62	65	67
		SUCTION SUPERHEAT (°F)	25	19	14	14	15	16	18	19
		OUTDOOR UNIT CURRENT (A)	7	7.8	8.7	9.8	10.9	12.5	14.2	15.8
		COMPRESSOR CURRENT (A)	5.4	6.2	7.1	8.2	9.3	11	12.6	14.3
		INDOOR COIL TEMP DROP (°F)	21	21	22	21	21	20	19	18
	1450	LIQUID PRESSURE (PSIG)	187	223	259	304	348	403	458	513
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	115	122	129	131	134	136	138	140
		SUCTION TEMPERATURE (°F)	67	63	59	60	61	63	66	68
		SUCTION SUPERHEAT (°F)	28	21	14	14	14	16	17	19
		OUTDOOR UNIT CURRENT (A)	7	7.8	8.7	9.8	10.9	12.5	14.2	15.8
		COMPRESSOR CURRENT (A)	5.4	6.2	7.1	8.2	9.4	11	12.6	14.3
		INDOOR COIL TEMP DROP (°F)	17	18	20	19	19	18	17	16
80/57	950	LIQUID PRESSURE (PSIG)	185	219	253	298	343	399	455	511
		LIQUID TEMPERATURE (°F)	57	67	77	87	98	108	118	128
		LIQUID SUBCOOLING (°F)	8	7	7	7	7	7	7	7
		SUCTION PRESSURE (PSIG)	107	108	110	114	118	122	127	132
		SUCTION TEMPERATURE (°F)	49	50	51	53	56	59	63	67
		SUCTION SUPERHEAT (°F)	14	14	14	15	16	18	19	21
		OUTDOOR UNIT CURRENT (A)	7	7.8	8.6	9.8	10.9	12.6	14.2	15.8
		COMPRESSOR CURRENT (A)	5.3	6.2	7	8.2	9.4	11	12.7	14.3
		INDOOR COIL TEMP DROP (°F)	33	33	33	31	30	28	27	25
	1200	LIQUID PRESSURE (PSIG)	186	221	255	300	345	401	458	514
		LIQUID TEMPERATURE (°F)	57	67	77	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	110	115	119	122	125	130	135	140
		SUCTION TEMPERATURE (°F)	58	56	55	56	58	61	65	68
		SUCTION SUPERHEAT (°F)	21	18	14	15	15	16	18	19
		OUTDOOR UNIT CURRENT (A)	7	7.8	8.7	9.8	10.9	12.6	14.2	15.8
		COMPRESSOR CURRENT (A)	5.3	6.2	7	8.2	9.3	11	12.7	14.3
		INDOOR COIL TEMP DROP (°F)	29	28	28	27	27	25	23	22
	1450	LIQUID PRESSURE (PSIG)	186	222	258	302	346	403	460	517
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	114	121	128	131	133	138	143	147
		SUCTION TEMPERATURE (°F)	66	62	59	60	61	64	66	69
		SUCTION SUPERHEAT (°F)	28	21	14	14	14	15	16	17
		OUTDOOR UNIT CURRENT (A)	7	7.8	8.7	9.8	10.9	12.5	14.2	15.9
		COMPRESSOR CURRENT (A)	5.3	6.2	7	8.2	9.3	11	12.7	14.3
		INDOOR COIL TEMP DROP (°F)	24	24	24	23	23	21	20	18

Continued on next page.

YHG36B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	950	LIQUID PRESSURE (PSIG)	187	222	257	301	345	401	457	513
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	112	116	120	122	125	128	131	134
		SUCTION TEMPERATURE (°F)	61	58	54	56	58	61	64	66
		SUCTION SUPERHEAT (°F)	24	19	14	15	16	17	18	20
		OUTDOOR UNIT CURRENT (A)	7	7.8	8.7	9.8	10.9	12.6	14.2	15.9
		COMPRESSOR CURRENT (A)	5.3	6.2	7.1	8.2	9.3	11	12.7	14.3
		INDOOR COIL TEMP DROP (°F)	28	28	28	28	27	26	25	24
	1200	LIQUID PRESSURE (PSIG)	187	223	259	302	346	402	458	514
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	114	119	125	127	130	133	137	141
		SUCTION TEMPERATURE (°F)	66	61	57	58	60	63	65	68
		SUCTION SUPERHEAT (°F)	28	21	14	14	15	16	17	19
		OUTDOOR UNIT CURRENT (A)	7	7.9	8.7	9.8	10.9	12.6	14.2	15.8
		COMPRESSOR CURRENT (A)	5.3	6.2	7.1	8.2	9.3	11	12.7	14.3
		INDOOR COIL TEMP DROP (°F)	24	25	26	25	25	24	22	21
	1450	LIQUID PRESSURE (PSIG)	187	224	261	304	347	404	460	516
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	115	123	130	132	135	139	144	148
		SUCTION TEMPERATURE (°F)	71	65	59	60	61	64	67	70
		SUCTION SUPERHEAT (°F)	32	23	14	14	14	15	17	18
		OUTDOOR UNIT CURRENT (A)	7	7.9	8.8	9.8	10.9	12.5	14.2	15.8
		COMPRESSOR CURRENT (A)	5.4	6.3	7.2	8.3	9.3	11	12.7	14.3
		INDOOR COIL TEMP DROP (°F)	20	22	23	23	22	21	20	18
80/67	950	LIQUID PRESSURE (PSIG)	187	223	260	304	348	404	460	516
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	115	123	131	134	136	140	143	146
		SUCTION TEMPERATURE (°F)	69	64	59	60	62	64	67	69
		SUCTION SUPERHEAT (°F)	30	22	14	14	14	15	17	18
		OUTDOOR UNIT CURRENT (A)	7	7.9	8.7	9.8	10.9	12.6	14.2	15.8
		COMPRESSOR CURRENT (A)	5.4	6.2	7.1	8.2	9.3	11	12.6	14.3
		INDOOR COIL TEMP DROP (°F)	23	23	24	23	23	22	21	21
	1200	LIQUID PRESSURE (PSIG)	187	224	261	305	349	405	461	517
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	115	125	135	138	141	144	147	150
		SUCTION TEMPERATURE (°F)	71	67	63	63	63	66	68	71
		SUCTION SUPERHEAT (°F)	32	24	16	15	14	15	17	18
		OUTDOOR UNIT CURRENT (A)	7	7.9	8.7	9.8	10.9	12.6	14.2	15.8
		COMPRESSOR CURRENT (A)	5.4	6.2	7.1	8.2	9.3	11	12.7	14.3
		INDOOR COIL TEMP DROP (°F)	19	20	21	21	21	20	20	19
	1450	LIQUID PRESSURE (PSIG)	188	225	262	306	350	406	462	518
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	8	9	9	9	9	8	8	8
		SUCTION PRESSURE (PSIG)	116	127	139	142	145	148	151	154
		SUCTION TEMPERATURE (°F)	73	70	67	66	65	68	70	72
		SUCTION SUPERHEAT (°F)	33	26	18	16	14	15	17	18
		OUTDOOR UNIT CURRENT (A)	7	7.9	8.7	9.8	10.9	12.6	14.2	15.8
		COMPRESSOR CURRENT (A)	5.4	6.2	7.1	8.2	9.3	11	12.7	14.3
		INDOOR COIL TEMP DROP (°F)	16	18	19	19	19	18	18	17

Continued on next page.

YHG36B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	950	LIQUID PRESSURE (PSIG)	188	225	263	307	352	407	462	517
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	8	9	9	9	9	9	8	8
		SUCTION PRESSURE (PSIG)	115	127	140	144	149	151	153	155
		SUCTION TEMPERATURE (°F)	72	70	68	67	67	68	70	71
		SUCTION SUPERHEAT (°F)	33	26	19	17	14	15	16	16
		OUTDOOR UNIT CURRENT (A)	7	7.9	8.7	9.9	11	12.6	14.2	15.8
		COMPRESSOR CURRENT (A)	5.4	6.3	7.2	8.3	9.4	11	12.6	14.3
		INDOOR COIL TEMP DROP (°F)	17	18	19	19	18	18	17	17
	1200	LIQUID PRESSURE (PSIG)	188	226	263	308	353	408	464	519
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	8	9	9	9	9	9	9	8
		SUCTION PRESSURE (PSIG)	115	128	141	147	153	155	158	160
		SUCTION TEMPERATURE (°F)	73	72	71	70	69	70	72	73
		SUCTION SUPERHEAT (°F)	34	28	22	18	15	15	16	17
		OUTDOOR UNIT CURRENT (A)	7	7.9	8.8	9.9	11	12.6	14.2	15.8
		COMPRESSOR CURRENT (A)	5.4	6.3	7.2	8.3	9.4	11	12.6	14.3
		INDOOR COIL TEMP DROP (°F)	15	15	16	16	16	16	15	15
	1450	LIQUID PRESSURE (PSIG)	188	226	264	309	354	410	466	521
		LIQUID TEMPERATURE (°F)	57	67	78	88	99	108	118	128
		LIQUID SUBCOOLING (°F)	9	9	9	9	9	9	9	8
		SUCTION PRESSURE (PSIG)	116	129	143	150	157	160	162	165
		SUCTION TEMPERATURE (°F)	74	74	75	73	71	72	74	75
		SUCTION SUPERHEAT (°F)	35	30	24	20	16	16	16	17
		OUTDOOR UNIT CURRENT (A)	7	7.9	8.8	9.9	11	12.6	14.2	15.8
		COMPRESSOR CURRENT (A)	5.4	6.3	7.2	8.3	9.4	11	12.7	14.3
		INDOOR COIL TEMP DROP (°F)	12	13	14	14	14	14	13	13

YHG36B21S W/ CF36C COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	950	LIQUID PRESSURE (PSIG)	186	221	256	300	343	399	454	509
		LIQUID TEMPERATURE (°F)	58	69	79	89	100	110	120	130
		LIQUID SUBCOOLING (°F)	6	6	6	6	6	6	6	6
		SUCTION PRESSURE (PSIG)	113	117	121	123	125	128	131	134
		SUCTION TEMPERATURE (°F)	60	57	55	57	59	62	65	68
		SUCTION SUPERHEAT (°F)	22	18	14	15	16	17	19	21
		OUTDOOR UNIT CURRENT (A)	6.9	7.7	8.5	9.6	10.7	12.3	13.9	15.5
		COMPRESSOR CURRENT (A)	5.4	6.2	7.1	8.2	9.4	11	12.7	14.3
		INDOOR COIL TEMP DROP (°F)	24	24	24	23	22	21	20	20
	1200	LIQUID PRESSURE (PSIG)	186	221	257	301	345	400	455	510
		LIQUID TEMPERATURE (°F)	58	69	79	90	100	110	120	130
		LIQUID SUBCOOLING (°F)	6	6	6	6	6	6	6	6
		SUCTION PRESSURE (PSIG)	114	120	125	128	130	132	135	137
		SUCTION TEMPERATURE (°F)	64	61	57	59	60	63	65	68
		SUCTION SUPERHEAT (°F)	26	20	14	15	15	17	19	20
		OUTDOOR UNIT CURRENT (A)	6.9	7.7	8.5	9.6	10.7	12.3	13.9	15.5
		COMPRESSOR CURRENT (A)	5.4	6.3	7.1	8.3	9.4	11	12.7	14.3
		INDOOR COIL TEMP DROP (°F)	20	21	21	21	20	19	19	18
	1450	LIQUID PRESSURE (PSIG)	186	222	258	302	346	401	456	511
		LIQUID TEMPERATURE (°F)	58	69	79	90	100	110	120	130
		LIQUID SUBCOOLING (°F)	6	6	6	6	6	6	6	6
		SUCTION PRESSURE (PSIG)	115	122	130	132	134	136	139	141
		SUCTION TEMPERATURE (°F)	68	64	60	60	61	64	66	69
		SUCTION SUPERHEAT (°F)	30	22	15	15	15	16	18	19
		OUTDOOR UNIT CURRENT (A)	6.9	7.7	8.6	9.6	10.7	12.3	13.9	15.5
		COMPRESSOR CURRENT (A)	5.4	6.3	7.1	8.3	9.4	11	12.7	14.3
		INDOOR COIL TEMP DROP (°F)	17	18	19	19	18	17	17	16
80/57	950	LIQUID PRESSURE (PSIG)	185	218	252	297	342	398	453	509
		LIQUID TEMPERATURE (°F)	58	68	78	89	100	110	120	130
		LIQUID SUBCOOLING (°F)	6	5	5	5	6	6	5	5
		SUCTION PRESSURE (PSIG)	107	109	110	114	118	123	128	132
		SUCTION TEMPERATURE (°F)	50	50	51	54	56	60	64	68
		SUCTION SUPERHEAT (°F)	15	15	15	16	16	18	20	22
		OUTDOOR UNIT CURRENT (A)	6.9	7.7	8.5	9.6	10.7	12.3	13.9	15.5
		COMPRESSOR CURRENT (A)	5.4	6.2	7	8.2	9.4	11.1	12.7	14.4
		INDOOR COIL TEMP DROP (°F)	32	32	32	31	30	28	26	24
	1200	LIQUID PRESSURE (PSIG)	185	220	254	299	343	400	456	512
		LIQUID TEMPERATURE (°F)	58	68	79	89	100	110	120	131
		LIQUID SUBCOOLING (°F)	6	6	6	6	6	6	6	6
		SUCTION PRESSURE (PSIG)	111	115	120	123	126	131	135	140
		SUCTION TEMPERATURE (°F)	58	57	55	57	59	62	66	69
		SUCTION SUPERHEAT (°F)	22	18	15	15	16	17	19	20
		OUTDOOR UNIT CURRENT (A)	6.9	7.7	8.5	9.6	10.7	12.3	13.9	15.6
		COMPRESSOR CURRENT (A)	5.4	6.2	7	8.2	9.4	11	12.7	14.4
		INDOOR COIL TEMP DROP (°F)	28	28	28	27	26	24	23	21
	1450	LIQUID PRESSURE (PSIG)	185	221	257	301	345	401	458	515
		LIQUID TEMPERATURE (°F)	58	69	79	90	100	110	121	131
		LIQUID SUBCOOLING (°F)	6	6	6	6	6	6	6	6
		SUCTION PRESSURE (PSIG)	114	121	129	131	134	139	143	148
		SUCTION TEMPERATURE (°F)	67	63	59	60	62	64	67	70
		SUCTION SUPERHEAT (°F)	29	22	15	15	15	16	17	18
		OUTDOOR UNIT CURRENT (A)	6.8	7.7	8.5	9.6	10.7	12.3	13.9	15.6
		COMPRESSOR CURRENT (A)	5.4	6.2	7.1	8.2	9.4	11	12.7	14.4
		INDOOR COIL TEMP DROP (°F)	23	23	23	23	22	21	19	18

Continued on next page.

YHG36B21S W/ CF36C COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	950	LIQUID PRESSURE (PSIG)	186	221	256	299	343	399	455	510
		LIQUID TEMPERATURE (°F)	58	69	79	89	100	110	120	130
		LIQUID SUBCOOLING (°F)	6	6	6	6	6	6	6	6
		SUCTION PRESSURE (PSIG)	112	117	121	123	125	128	131	134
		SUCTION TEMPERATURE (°F)	62	59	55	57	59	62	64	67
		SUCTION SUPERHEAT (°F)	25	19	14	15	16	18	19	21
		OUTDOOR UNIT CURRENT (A)	6.9	7.7	8.5	9.6	10.7	12.3	13.9	15.6
		COMPRESSOR CURRENT (A)	5.4	6.2	7.1	8.2	9.4	11	12.7	14.4
		INDOOR COIL TEMP DROP (°F)	28	28	28	27	26	25	25	24
	1200	LIQUID PRESSURE (PSIG)	186	222	258	301	344	400	456	512
		LIQUID TEMPERATURE (°F)	58	69	79	90	100	110	120	131
		LIQUID SUBCOOLING (°F)	6	6	6	6	6	6	6	6
		SUCTION PRESSURE (PSIG)	114	120	126	128	130	134	138	141
		SUCTION TEMPERATURE (°F)	67	62	57	59	61	63	66	69
		SUCTION SUPERHEAT (°F)	29	22	14	15	16	17	18	19
		OUTDOOR UNIT CURRENT (A)	6.9	7.7	8.6	9.6	10.7	12.3	13.9	15.6
		COMPRESSOR CURRENT (A)	5.4	6.3	7.2	8.3	9.4	11	12.7	14.4
		INDOOR COIL TEMP DROP (°F)	24	24	25	25	24	23	22	21
	1450	LIQUID PRESSURE (PSIG)	186	223	259	303	346	402	458	514
		LIQUID TEMPERATURE (°F)	58	69	80	90	100	110	120	131
		LIQUID SUBCOOLING (°F)	6	6	6	6	6	6	6	6
		SUCTION PRESSURE (PSIG)	116	123	131	133	135	140	144	148
		SUCTION TEMPERATURE (°F)	72	66	60	61	62	65	68	71
		SUCTION SUPERHEAT (°F)	33	24	14	15	15	16	17	18
		OUTDOOR UNIT CURRENT (A)	6.9	7.7	8.6	9.7	10.7	12.3	13.9	15.5
		COMPRESSOR CURRENT (A)	5.4	6.3	7.2	8.3	9.4	11	12.7	14.4
		INDOOR COIL TEMP DROP (°F)	20	21	23	22	22	20	19	18
80/67	950	LIQUID PRESSURE (PSIG)	186	222	258	302	346	402	458	514
		LIQUID TEMPERATURE (°F)	58	69	79	90	100	110	120	131
		LIQUID SUBCOOLING (°F)	6	6	6	6	6	6	6	6
		SUCTION PRESSURE (PSIG)	115	123	132	134	137	140	144	147
		SUCTION TEMPERATURE (°F)	70	65	60	61	62	65	68	70
		SUCTION SUPERHEAT (°F)	31	23	14	15	15	16	17	19
		OUTDOOR UNIT CURRENT (A)	6.9	7.7	8.6	9.6	10.7	12.3	13.9	15.5
		COMPRESSOR CURRENT (A)	5.4	6.2	7.1	8.2	9.4	11	12.7	14.4
		INDOOR COIL TEMP DROP (°F)	22	23	23	23	22	22	21	20
	1200	LIQUID PRESSURE (PSIG)	187	223	259	304	348	403	459	514
		LIQUID TEMPERATURE (°F)	58	69	79	90	100	110	120	131
		LIQUID SUBCOOLING (°F)	6	6	6	6	6	6	6	6
		SUCTION PRESSURE (PSIG)	116	126	136	139	141	144	148	151
		SUCTION TEMPERATURE (°F)	72	68	64	64	64	67	69	72
		SUCTION SUPERHEAT (°F)	33	25	17	16	15	16	17	19
		OUTDOOR UNIT CURRENT (A)	6.9	7.7	8.6	9.7	10.7	12.3	13.9	15.5
		COMPRESSOR CURRENT (A)	5.4	6.3	7.1	8.3	9.4	11	12.7	14.4
		INDOOR COIL TEMP DROP (°F)	19	20	21	21	20	20	19	18
	1450	LIQUID PRESSURE (PSIG)	187	224	261	305	349	404	460	515
		LIQUID TEMPERATURE (°F)	58	69	79	90	100	110	120	131
		LIQUID SUBCOOLING (°F)	6	6	6	6	6	6	6	6
		SUCTION PRESSURE (PSIG)	116	128	139	143	146	149	151	154
		SUCTION TEMPERATURE (°F)	74	71	68	67	66	68	71	73
		SUCTION SUPERHEAT (°F)	35	27	19	17	15	16	17	19
		OUTDOOR UNIT CURRENT (A)	6.9	7.7	8.6	9.7	10.7	12.3	13.9	15.5
		COMPRESSOR CURRENT (A)	5.4	6.3	7.2	8.3	9.4	11	12.7	14.4
		INDOOR COIL TEMP DROP (°F)	16	17	19	18	18	18	17	17

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YHG36B21S W/ CF36C COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	950	LIQUID PRESSURE (PSIG)	187	224	262	306	350	405	460	515
		LIQUID TEMPERATURE (°F)	58	69	79	90	100	110	120	131
		LIQUID SUBCOOLING (°F)	6	6	7	6	6	6	6	6
		SUCTION PRESSURE (PSIG)	116	128	140	145	150	152	154	156
		SUCTION TEMPERATURE (°F)	73	71	69	68	68	69	71	72
		SUCTION SUPERHEAT (°F)	35	27	20	17	15	16	16	17
		OUTDOOR UNIT CURRENT (A)	6.9	7.7	8.6	9.7	10.8	12.3	13.9	15.5
		COMPRESSOR CURRENT (A)	5.4	6.3	7.2	8.3	9.4	11	12.7	14.3
		INDOOR COIL TEMP DROP (°F)	17	18	19	18	18	17	17	16
	1200	LIQUID PRESSURE (PSIG)	187	225	262	307	352	407	462	517
		LIQUID TEMPERATURE (°F)	58	69	79	90	100	110	121	131
		LIQUID SUBCOOLING (°F)	6	6	7	7	7	6	6	6
		SUCTION PRESSURE (PSIG)	116	129	142	148	154	156	158	161
		SUCTION TEMPERATURE (°F)	74	73	72	71	70	71	73	74
		SUCTION SUPERHEAT (°F)	35	29	23	19	16	16	17	17
		OUTDOOR UNIT CURRENT (A)	6.9	7.7	8.6	9.7	10.8	12.3	13.9	15.5
		COMPRESSOR CURRENT (A)	5.4	6.3	7.2	8.3	9.4	11.1	12.7	14.3
		INDOOR COIL TEMP DROP (°F)	14	15	16	16	16	15	15	15
	1450	LIQUID PRESSURE (PSIG)	187	225	263	308	353	408	464	519
		LIQUID TEMPERATURE (°F)	58	69	79	90	100	111	121	131
		LIQUID SUBCOOLING (°F)	6	7	7	7	7	7	6	6
		SUCTION PRESSURE (PSIG)	116	130	143	150	158	160	163	166
		SUCTION TEMPERATURE (°F)	75	75	76	74	72	73	75	76
		SUCTION SUPERHEAT (°F)	36	31	25	21	16	17	17	17
		OUTDOOR UNIT CURRENT (A)	6.9	7.7	8.6	9.7	10.8	12.4	13.9	15.5
		COMPRESSOR CURRENT (A)	5.4	6.3	7.2	8.3	9.4	11.1	12.7	14.4
		INDOOR COIL TEMP DROP (°F)	12	13	14	14	14	14	13	13

YHG36B21S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	950	LIQUID PRESSURE (PSIG)	354	333	322	305	285	272
		LIQUID TEMPERATURE (°F)	84	74	69	61	60	57
		LIQUID SUBCOOLING (°F)	24	29	32	36	34	34
		SUCTION PRESSURE (PSIG)	131	105	92	67	60	51
		SUCTION TEMPERATURE (°F)	55	43	36	26	19	13
		SUCTION SUPERHEAT (°F)	10	9	10	13	11	12
		OUTDOOR UNIT CURRENT (A)	12.6	10.9	10.9	10.9	9.6	9.6
		COMPRESSOR CURRENT (A)	10.1	9.3	9.3	8.2	8.1	7.1
		INDOOR COIL TEMP RISE (°F)	42	35	32	26	23	19
	1200	LIQUID PRESSURE (PSIG)	328	305	297	285	269	256
		LIQUID TEMPERATURE (°F)	77	71	67	61	58	56
		LIQUID SUBCOOLING (°F)	24	25	28	31	31	30
		SUCTION PRESSURE (PSIG)	128	105	92	71	59	50
		SUCTION TEMPERATURE (°F)	54	43	36	27	18	12
		SUCTION SUPERHEAT (°F)	10	9	9	11	11	12
		OUTDOOR UNIT CURRENT (A)	10.9	9.8	9.8	9.8	9.6	9.6
		COMPRESSOR CURRENT (A)	9.3	8.2	8.2	7.2	7.1	7.1
		INDOOR COIL TEMP RISE (°F)	34	29	27	22	18	15
	1450	LIQUID PRESSURE (PSIG)	303	279	273	264	253	240
		LIQUID TEMPERATURE (°F)	71	69	65	61	57	55
		LIQUID SUBCOOLING (°F)	25	22	25	27	29	26
		SUCTION PRESSURE (PSIG)	126	106	93	76	58	48
		SUCTION TEMPERATURE (°F)	54	43	36	29	18	12
		SUCTION SUPERHEAT (°F)	11	9	9	10	11	14
		OUTDOOR UNIT CURRENT (A)	11	10.4	10.3	10.2	9.8	9.7
		COMPRESSOR CURRENT (A)	8.6	8	8	7.8	7.4	7.1
		INDOOR COIL TEMP RISE (°F)	28	24	22	18	15	13
70	950	LIQUID PRESSURE (PSIG)	401	380	370	354	327	319
		LIQUID TEMPERATURE (°F)	93	82	77	70	67	65
		LIQUID SUBCOOLING (°F)	25	30	33	36	35	36
		SUCTION PRESSURE (PSIG)	131	105	92	71	58	51
		SUCTION TEMPERATURE (°F)	55	43	37	28	19	14
		SUCTION SUPERHEAT (°F)	9	9	10	12	12	14
		OUTDOOR UNIT CURRENT (A)	13.1	12	12	12	10.7	10.7
		COMPRESSOR CURRENT (A)	11.3	10.3	10.3	9.3	9.1	8.1
		INDOOR COIL TEMP RISE (°F)	40	34	31	26	22	18
	1200	LIQUID PRESSURE (PSIG)	371	352	344	332	309	302
		LIQUID TEMPERATURE (°F)	86	78	75	69	66	64
		LIQUID SUBCOOLING (°F)	24	27	30	32	32	32
		SUCTION PRESSURE (PSIG)	129	105	92	72	57	48
		SUCTION TEMPERATURE (°F)	54	43	36	28	18	13
		SUCTION SUPERHEAT (°F)	9	9	9	11	12	14
		OUTDOOR UNIT CURRENT (A)	12	10.9	10.9	10.9	10.7	10.7
		COMPRESSOR CURRENT (A)	10.3	9.3	9.3	8.2	8.1	8.1
		INDOOR COIL TEMP RISE (°F)	33	28	26	22	17	14
	1450	LIQUID PRESSURE (PSIG)	343	324	318	310	291	285
		LIQUID TEMPERATURE (°F)	81	77	73	69	65	64
		LIQUID SUBCOOLING (°F)	23	24	27	29	29	29
		SUCTION PRESSURE (PSIG)	128	106	93	74	56	47
		SUCTION TEMPERATURE (°F)	54	43	36	29	18	13
		SUCTION SUPERHEAT (°F)	10	9	9	11	12	14
		OUTDOOR UNIT CURRENT (A)	12	10.9	10.9	10.9	10.7	10.7
		COMPRESSOR CURRENT (A)	9.3	9.3	8.2	8.2	8.1	8.1
		INDOOR COIL TEMP RISE (°F)	27	23	21	17	13	11

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YHG36B21S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	950	LIQUID PRESSURE (PSIG)	448	427	419	403	368	365
		LIQUID TEMPERATURE (°F)	101	91	85	80	75	74
		LIQUID SUBCOOLING (°F)	26	32	35	37	36	38
		SUCTION PRESSURE (PSIG)	132	105	93	75	57	51
		SUCTION TEMPERATURE (°F)	55	44	39	30	21	16
		SUCTION SUPERHEAT (°F)	9	10	11	12	15	15
		OUTDOOR UNIT CURRENT (A)	15.5	15	14.7	14.3	13.2	13.1
		COMPRESSOR CURRENT (A)	12.8	12.3	12.1	11.7	10.5	10.5
		INDOOR COIL TEMP RISE (°F)	39	33	31	26	21	19
	1200	LIQUID PRESSURE (PSIG)	416	399	391	379	349	348
		LIQUID TEMPERATURE (°F)	96	87	83	78	74	73
		LIQUID SUBCOOLING (°F)	24	29	32	34	33	34
		SUCTION PRESSURE (PSIG)	131	105	93	73	56	48
		SUCTION TEMPERATURE (°F)	55	44	37	29	19	15
		SUCTION SUPERHEAT (°F)	9	10	10	12	15	15
		OUTDOOR UNIT CURRENT (A)	14.2	13.1	13.1	13.1	11.8	11.8
		COMPRESSOR CURRENT (A)	11.3	11.3	10.3	10.3	9.1	9.1
		INDOOR COIL TEMP RISE (°F)	33	28	26	22	16	14
	1450	LIQUID PRESSURE (PSIG)	383	370	364	356	330	330
		LIQUID TEMPERATURE (°F)	92	85	81	77	74	73
		LIQUID SUBCOOLING (°F)	22	26	29	32	30	31
		SUCTION PRESSURE (PSIG)	130	106	93	72	55	47
		SUCTION TEMPERATURE (°F)	55	44	37	29	18	14
		SUCTION SUPERHEAT (°F)	10	10	10	13	15	15
		OUTDOOR UNIT CURRENT (A)	13.4	13.1	13	12.9	12	12
		COMPRESSOR CURRENT (A)	10.9	10.6	10.5	10.3	9.4	9.4
		INDOOR COIL TEMP RISE (°F)	27	23	21	17	13	12

YHG36B21S W/ CF36C COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	950	LIQUID PRESSURE (PSIG)	341	320	309	293	273	261
		LIQUID TEMPERATURE (°F)	92	81	76	67	62	59
		LIQUID SUBCOOLING (°F)	16	19	21	24	28	28
		SUCTION PRESSURE (PSIG)	132	106	92	68	61	52
		SUCTION TEMPERATURE (°F)	56	43	37	26	20	13
		SUCTION SUPERHEAT (°F)	10	9	10	14	11	12
		OUTDOOR UNIT CURRENT (A)	12.1	10.5	10.5	10.5	9.3	9.3
		COMPRESSOR CURRENT (A)	9.8	9.1	9.1	8.1	7.9	6.9
		INDOOR COIL TEMP RISE (°F)	39	33	30	24	22	19
	1200	LIQUID PRESSURE (PSIG)	315	293	286	273	258	246
		LIQUID TEMPERATURE (°F)	84	78	73	67	60	58
		LIQUID SUBCOOLING (°F)	16	16	18	20	26	25
		SUCTION PRESSURE (PSIG)	129	106	92	72	60	50
		SUCTION TEMPERATURE (°F)	55	43	37	28	19	12
		SUCTION SUPERHEAT (°F)	10	9	9	11	11	12
		OUTDOOR UNIT CURRENT (A)	10.5	9.5	9.5	9.5	9.3	9.3
		COMPRESSOR CURRENT (A)	9.1	8.1	8.1	7.1	6.9	6.9
		INDOOR COIL TEMP RISE (°F)	32	27	25	20	18	15
	1450	LIQUID PRESSURE (PSIG)	291	268	262	254	243	230
		LIQUID TEMPERATURE (°F)	78	76	71	67	59	57
		LIQUID SUBCOOLING (°F)	16	14	16	18	24	22
		SUCTION PRESSURE (PSIG)	127	107	93	77	59	49
		SUCTION TEMPERATURE (°F)	55	43	37	30	19	12
		SUCTION SUPERHEAT (°F)	11	9	9	10	11	13
		OUTDOOR UNIT CURRENT (A)	10.6	10	9.9	9.8	9.5	9.3
		COMPRESSOR CURRENT (A)	8.4	7.9	7.8	7.7	7.3	7
		INDOOR COIL TEMP RISE (°F)	27	23	20	17	14	12
70	950	LIQUID PRESSURE (PSIG)	385	365	356	340	313	306
		LIQUID TEMPERATURE (°F)	101	90	84	77	70	68
		LIQUID SUBCOOLING (°F)	16	20	22	24	29	30
		SUCTION PRESSURE (PSIG)	132	106	92	72	59	52
		SUCTION TEMPERATURE (°F)	56	43	38	29	20	14
		SUCTION SUPERHEAT (°F)	9	9	10	13	12	13
		OUTDOOR UNIT CURRENT (A)	12.6	11.6	11.6	11.6	10.3	10.3
		COMPRESSOR CURRENT (A)	11.1	10.1	10.1	9.1	8.9	7.9
		INDOOR COIL TEMP RISE (°F)	38	32	29	24	21	18
	1200	LIQUID PRESSURE (PSIG)	357	338	330	319	296	289
		LIQUID TEMPERATURE (°F)	94	87	82	76	69	66
		LIQUID SUBCOOLING (°F)	16	18	20	21	27	27
		SUCTION PRESSURE (PSIG)	130	106	92	73	58	49
		SUCTION TEMPERATURE (°F)	55	43	37	29	19	13
		SUCTION SUPERHEAT (°F)	9	9	9	11	12	13
		OUTDOOR UNIT CURRENT (A)	11.6	10.5	10.5	10.5	10.3	10.3
		COMPRESSOR CURRENT (A)	10.1	9.1	9.1	8.1	7.9	7.9
		INDOOR COIL TEMP RISE (°F)	31	26	24	20	17	14
	1450	LIQUID PRESSURE (PSIG)	329	311	306	298	279	273
		LIQUID TEMPERATURE (°F)	89	84	80	76	68	66
		LIQUID SUBCOOLING (°F)	15	16	18	19	24	24
		SUCTION PRESSURE (PSIG)	129	107	93	75	57	48
		SUCTION TEMPERATURE (°F)	55	43	37	30	19	13
		SUCTION SUPERHEAT (°F)	10	9	9	11	12	13
		OUTDOOR UNIT CURRENT (A)	11.6	10.5	10.5	10.5	10.3	10.3
		COMPRESSOR CURRENT (A)	9.1	9.1	8.1	8.1	7.9	7.9
		INDOOR COIL TEMP RISE (°F)	25	21	19	17	13	11

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YHG36B21S W/ CF36C COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	950	LIQUID PRESSURE (PSIG)	431	411	402	387	353	350
		LIQUID TEMPERATURE (°F)	110	99	93	88	78	77
		LIQUID SUBCOOLING (°F)	17	21	23	24	30	32
		SUCTION PRESSURE (PSIG)	133	106	93	76	58	52
		SUCTION TEMPERATURE (°F)	56	44	39	31	21	16
		SUCTION SUPERHEAT (°F)	9	10	11	13	14	14
		OUTDOOR UNIT CURRENT (A)	14.9	14.4	14.1	13.8	12.7	12.6
		COMPRESSOR CURRENT (A)	12.5	12	11.9	11.4	10.2	10.2
		INDOOR COIL TEMP RISE (°F)	37	32	29	25	20	18
	1200	LIQUID PRESSURE (PSIG)	399	383	376	364	334	333
		LIQUID TEMPERATURE (°F)	104	95	91	85	77	76
		LIQUID SUBCOOLING (°F)	16	19	21	22	27	28
		SUCTION PRESSURE (PSIG)	132	106	93	74	57	49
		SUCTION TEMPERATURE (°F)	56	44	38	30	20	15
		SUCTION SUPERHEAT (°F)	9	10	10	13	14	14
		OUTDOOR UNIT CURRENT (A)	13.7	12.6	12.6	12.6	11.4	11.4
		COMPRESSOR CURRENT (A)	11.1	11.1	10.1	10.1	8.9	8.9
		INDOOR COIL TEMP RISE (°F)	31	26	24	20	16	14
	1450	LIQUID PRESSURE (PSIG)	368	356	350	343	316	316
		LIQUID TEMPERATURE (°F)	100	93	89	84	77	76
		LIQUID SUBCOOLING (°F)	14	17	19	21	25	26
		SUCTION PRESSURE (PSIG)	131	107	93	73	56	48
		SUCTION TEMPERATURE (°F)	56	44	38	30	19	14
		SUCTION SUPERHEAT (°F)	10	10	10	14	14	14
		OUTDOOR UNIT CURRENT (A)	12.9	12.6	12.5	12.4	11.6	11.5
		COMPRESSOR CURRENT (A)	10.6	10.4	10.3	10.1	9.1	9.2
		INDOOR COIL TEMP RISE (°F)	25	21	20	16	13	11

FOR USE WITH MODELS WITH TXV:

YHG42B21S
CH6B4221S
TH6B4221S
RHP16L42B21S

YHG42B21S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	189 (10)	190 (11)	196 (11)	199 (12)
60	207 (10)	209 (11)	214 (11)	217 (12)
65	225 (10)	228 (11)	233 (11)	235 (12)
70	243 (10)	247 (11)	251 (11)	253 (12)
75	260 (10)	266 (10)	269 (11)	271 (11)
80	284 (10)	289 (11)	292 (11)	281 (11)
85	307 (10)	311 (11)	315 (11)	290 (11)
90	331 (10)	334 (11)	337 (11)	300 (11)
95	354 (10)	357 (11)	360 (11)	309 (11)
100	383 (10)	386 (11)	389 (11)	347 (11)
105	412 (10)	415 (10)	418 (11)	384 (11)
110	441 (10)	444 (10)	446 (11)	422 (11)
115	470 (10)	472 (10)	475 (11)	459 (11)
120	499 (10)	501 (10)	504 (10)	496 (11)
125	527 (10)	530 (10)	532 (10)	534 (11)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHG42B21S W/ CM48C COIL SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	187 (9)	188 (9)	194 (10)	196 (10)
60	204 (9)	206 (9)	212 (10)	214 (10)
65	222 (9)	225 (9)	230 (10)	232 (10)
70	239 (9)	244 (9)	248 (10)	250 (10)
75	257 (9)	262 (9)	266 (10)	268 (10)
80	280 (9)	285 (9)	289 (10)	277 (10)
85	303 (9)	308 (9)	311 (10)	287 (10)
90	326 (9)	330 (9)	333 (10)	296 (10)
95	350 (9)	353 (9)	356 (10)	306 (10)
100	378 (9)	381 (9)	384 (10)	343 (10)
105	407 (9)	410 (9)	413 (10)	380 (10)
110	435 (9)	438 (9)	441 (9)	416 (10)
115	464 (9)	467 (9)	469 (9)	453 (10)
120	492 (9)	495 (9)	497 (9)	490 (10)
125	521 (9)	524 (9)	526 (9)	527 (10)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHG42B21S W/ CM60C COIL SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	189 (11)	190 (11)	196 (12)	199 (12)
60	207 (11)	209 (11)	215 (11)	217 (12)
65	225 (11)	228 (11)	233 (11)	235 (12)
70	243 (11)	247 (11)	251 (11)	253 (12)
75	260 (11)	266 (11)	270 (11)	271 (12)
80	284 (11)	289 (11)	293 (11)	281 (12)
85	307 (11)	312 (11)	315 (11)	291 (12)
90	331 (11)	335 (11)	338 (11)	300 (12)
95	354 (11)	358 (11)	361 (11)	310 (12)
100	383 (11)	387 (11)	389 (11)	347 (12)
105	412 (11)	415 (11)	418 (11)	385 (12)
110	441 (11)	444 (10)	447 (11)	422 (11)
115	470 (11)	473 (10)	476 (11)	460 (11)
120	499 (11)	502 (10)	504 (11)	497 (11)
125	528 (11)	531 (10)	533 (11)	535 (11)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHG42B21S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1150	LIQUID PRESSURE (PSIG)	191	228	266	310	355	411	467	523
		LIQUID TEMPERATURE (°F)	56	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	11	11	10	10	11	10	10	10
		SUCTION PRESSURE (PSIG)	119	121	124	126	128	131	134	137
		SUCTION TEMPERATURE (°F)	53	55	57	59	62	69	76	84
		SUCTION SUPERHEAT (°F)	13	13	14	16	17	23	29	35
		OUTDOOR UNIT CURRENT (A)	8	9	9.9	11.2	12.4	14.2	16	17.8
		COMPRESSOR CURRENT (A)	6.8	7.8	8.8	10.1	11.3	13.1	14.9	16.7
		INDOOR COIL TEMP DROP (°F)	25	24	24	23	23	22	21	20
	1400	LIQUID PRESSURE (PSIG)	192	229	267	311	356	412	468	524
		LIQUID TEMPERATURE (°F)	56	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	11	11	11	11	11	10	10	10
		SUCTION PRESSURE (PSIG)	123	125	128	130	132	135	137	140
		SUCTION TEMPERATURE (°F)	55	57	58	60	63	69	76	83
		SUCTION SUPERHEAT (°F)	13	14	14	15	17	22	28	34
		OUTDOOR UNIT CURRENT (A)	8	9	9.9	11.2	12.4	14.2	16.1	17.9
		COMPRESSOR CURRENT (A)	6.8	7.8	8.8	10.1	11.4	13.1	14.9	16.7
		INDOOR COIL TEMP DROP (°F)	23	22	22	21	21	20	19	18
	1650	LIQUID PRESSURE (PSIG)	193	230	268	312	357	413	469	525
		LIQUID TEMPERATURE (°F)	56	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	11	11	11	11	11	11	10	10
		SUCTION PRESSURE (PSIG)	127	129	131	134	136	138	141	143
		SUCTION TEMPERATURE (°F)	58	59	60	62	64	70	76	83
		SUCTION SUPERHEAT (°F)	14	14	14	15	16	21	27	32
		OUTDOOR UNIT CURRENT (A)	8.1	9	10	11.2	12.5	14.3	16.1	17.9
		COMPRESSOR CURRENT (A)	6.9	7.9	8.8	10.1	11.4	13.2	15	16.7
		INDOOR COIL TEMP DROP (°F)	21	21	20	20	19	18	18	17
80/57	1150	LIQUID PRESSURE (PSIG)	187	223	259	305	352	408	464	520
		LIQUID TEMPERATURE (°F)	56	66	76	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	10	10	10	10	10	10	10	10
		SUCTION PRESSURE (PSIG)	111	114	117	120	123	128	132	137
		SUCTION TEMPERATURE (°F)	50	51	53	56	60	67	74	82
		SUCTION SUPERHEAT (°F)	13	13	14	16	17	23	28	33
		OUTDOOR UNIT CURRENT (A)	7.9	8.8	9.7	11	12.3	14.1	15.9	17.7
		COMPRESSOR CURRENT (A)	6.7	7.7	8.6	9.9	11.2	13	14.8	16.6
		INDOOR COIL TEMP DROP (°F)	33	32	31	30	29	27	26	24
	1400	LIQUID PRESSURE (PSIG)	189	225	260	307	354	412	469	527
		LIQUID TEMPERATURE (°F)	56	66	76	87	97	107	117	128
		LIQUID SUBCOOLING (°F)	10	10	10	10	10	10	10	10
		SUCTION PRESSURE (PSIG)	118	121	124	127	130	134	139	143
		SUCTION TEMPERATURE (°F)	53	55	56	59	62	67	72	77
		SUCTION SUPERHEAT (°F)	13	13	14	15	17	20	23	26
		OUTDOOR UNIT CURRENT (A)	8	8.9	9.8	11.1	12.4	14.2	16.1	17.9
		COMPRESSOR CURRENT (A)	6.8	7.7	8.6	9.9	11.2	13.1	14.9	16.8
		INDOOR COIL TEMP DROP (°F)	30	29	28	27	26	24	23	21
	1650	LIQUID PRESSURE (PSIG)	191	227	262	309	357	416	474	533
		LIQUID TEMPERATURE (°F)	56	66	76	87	97	108	118	128
		LIQUID SUBCOOLING (°F)	11	10	10	10	11	11	10	10
		SUCTION PRESSURE (PSIG)	125	128	131	134	138	141	145	149
		SUCTION TEMPERATURE (°F)	56	58	59	61	64	66	69	71
		SUCTION SUPERHEAT (°F)	14	14	14	15	16	17	18	19
		OUTDOOR UNIT CURRENT (A)	8	8.9	9.8	11.1	12.4	14.3	16.2	18.1
		COMPRESSOR CURRENT (A)	6.8	7.7	8.6	10	11.3	13.2	15	16.9
		INDOOR COIL TEMP DROP (°F)	26	25	24	23	22	21	20	19

Continued on next page.

YHG42B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
80/62	1150	LIQUID PRESSURE (PSIG)	191	228	264	310	355	412	469	526
		LIQUID TEMPERATURE (°F)	56	67	77	87	97	107	118	128
		LIQUID SUBCOOLING (°F)	11	11	10	10	11	10	10	10
		SUCTION PRESSURE (PSIG)	119	122	124	126	128	132	135	138
		SUCTION TEMPERATURE (°F)	53	55	57	59	62	67	73	79
		SUCTION SUPERHEAT (°F)	12	13	15	16	17	22	26	30
		OUTDOOR UNIT CURRENT (A)	8	8.9	9.9	11.2	12.4	14.2	16	17.8
		COMPRESSOR CURRENT (A)	6.8	7.8	8.8	10.1	11.3	13.1	14.9	16.7
		INDOOR COIL TEMP DROP (°F)	29	29	28	27	27	26	25	23
	1400	LIQUID PRESSURE (PSIG)	190	228	266	311	357	415	472	530
		LIQUID TEMPERATURE (°F)	56	66	77	87	97	108	118	128
		LIQUID SUBCOOLING (°F)	11	11	10	11	11	10	10	10
		SUCTION PRESSURE (PSIG)	123	126	128	131	133	137	140	144
		SUCTION TEMPERATURE (°F)	55	57	58	61	63	67	72	77
		SUCTION SUPERHEAT (°F)	13	14	14	15	16	20	23	26
		OUTDOOR UNIT CURRENT (A)	8	8.9	9.9	11.2	12.5	14.3	16.1	18
		COMPRESSOR CURRENT (A)	6.8	7.8	8.8	10.1	11.4	13.2	15	16.8
		INDOOR COIL TEMP DROP (°F)	27	27	26	25	25	24	22	21
	1650	LIQUID PRESSURE (PSIG)	189	228	267	313	359	418	476	534
		LIQUID TEMPERATURE (°F)	55	66	77	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	11	11	11	11	11	11	10	10
		SUCTION PRESSURE (PSIG)	128	130	133	135	138	142	145	149
		SUCTION TEMPERATURE (°F)	58	59	60	62	64	67	71	75
		SUCTION SUPERHEAT (°F)	14	14	14	15	16	18	20	22
		OUTDOOR UNIT CURRENT (A)	7.9	9	10	11.2	12.5	14.4	16.2	18.1
		COMPRESSOR CURRENT (A)	6.8	7.8	8.9	10.1	11.4	13.3	15.1	16.9
		INDOOR COIL TEMP DROP (°F)	25	24	24	23	23	21	20	19
80/67	1150	LIQUID PRESSURE (PSIG)	194	232	269	314	359	416	473	531
		LIQUID TEMPERATURE (°F)	57	67	78	88	97	108	118	128
		LIQUID SUBCOOLING (°F)	11	11	11	11	11	11	10	10
		SUCTION PRESSURE (PSIG)	130	132	135	138	140	143	145	148
		SUCTION TEMPERATURE (°F)	58	59	60	63	65	70	75	81
		SUCTION SUPERHEAT (°F)	13	13	14	15	16	20	24	28
		OUTDOOR UNIT CURRENT (A)	8.1	9	10	11.2	12.5	14.3	16.1	18
		COMPRESSOR CURRENT (A)	6.9	7.9	8.9	10.1	11.4	13.2	15	16.8
		INDOOR COIL TEMP DROP (°F)	25	25	24	23	22	20	18	15
	1400	LIQUID PRESSURE (PSIG)	196	233	269	315	360	418	475	532
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	11	11	11	11	11	11	11	10
		SUCTION PRESSURE (PSIG)	134	137	139	142	144	147	149	151
		SUCTION TEMPERATURE (°F)	61	62	63	64	66	71	76	81
		SUCTION SUPERHEAT (°F)	14	14	14	15	15	19	24	28
		OUTDOOR UNIT CURRENT (A)	8.1	9.1	10	11.3	12.5	14.4	16.2	18
		COMPRESSOR CURRENT (A)	7	7.9	8.9	10.1	11.4	13.2	15.1	16.9
		INDOOR COIL TEMP DROP (°F)	23	22	22	21	21	18	16	14
	1650	LIQUID PRESSURE (PSIG)	198	234	269	316	362	419	476	534
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	11	11	11	11	11	11	11	11
		SUCTION PRESSURE (PSIG)	138	141	143	146	148	150	152	154
		SUCTION TEMPERATURE (°F)	64	64	65	66	67	72	77	82
		SUCTION SUPERHEAT (°F)	16	15	14	15	15	19	23	27
		OUTDOOR UNIT CURRENT (A)	8.1	9.1	10	11.3	12.5	14.4	16.2	18.1
		COMPRESSOR CURRENT (A)	7	7.9	8.9	10.2	11.4	13.3	15.1	17
		INDOOR COIL TEMP DROP (°F)	20	20	20	19	19	17	15	13

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YHG42B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1150	LIQUID PRESSURE (PSIG)	198	234	270	289	308	383	458	533
		LIQUID TEMPERATURE (°F)	57	67	77	82	86	100	114	128
		LIQUID SUBCOOLING (°F)	12	11	11	11	11	11	11	11
		SUCTION PRESSURE (PSIG)	140	143	146	148	149	153	157	161
		SUCTION TEMPERATURE (°F)	65	65	66	67	68	71	74	77
		SUCTION SUPERHEAT (°F)	16	15	14	15	15	17	19	21
		OUTDOOR UNIT CURRENT (A)	8.2	9.1	10	10.5	11	13.3	15.7	18
		COMPRESSOR CURRENT (A)	7	8	8.9	9.4	9.9	12.2	14.6	16.9
		INDOOR COIL TEMP DROP (°F)	20	19	19	19	18	17	16	16
	1400	LIQUID PRESSURE (PSIG)	199	235	271	290	309	384	459	534
		LIQUID TEMPERATURE (°F)	57	67	78	82	87	100	114	127
		LIQUID SUBCOOLING (°F)	12	12	11	11	11	11	11	11
		SUCTION PRESSURE (PSIG)	143	147	150	152	153	157	160	164
		SUCTION TEMPERATURE (°F)	68	68	68	69	69	72	75	78
		SUCTION SUPERHEAT (°F)	17	16	15	15	16	17	19	20
		OUTDOOR UNIT CURRENT (A)	8.2	9.1	10	10.5	11	13.4	15.7	18
		COMPRESSOR CURRENT (A)	7.1	8	8.9	9.4	9.9	12.2	14.6	16.9
		INDOOR COIL TEMP DROP (°F)	18	17	17	17	16	16	15	14
	1650	LIQUID PRESSURE (PSIG)	200	236	272	292	311	385	460	534
		LIQUID TEMPERATURE (°F)	57	68	78	82	87	100	114	127
		LIQUID SUBCOOLING (°F)	12	12	12	12	12	11	11	11
		SUCTION PRESSURE (PSIG)	146	150	154	155	157	160	163	167
		SUCTION TEMPERATURE (°F)	70	70	70	70	71	74	77	79
		SUCTION SUPERHEAT (°F)	19	17	15	16	16	17	19	20
		OUTDOOR UNIT CURRENT (A)	8.2	9.1	10.1	10.6	11.1	13.4	15.7	17.9
		COMPRESSOR CURRENT (A)	7.1	8	8.9	9.5	10	12.3	14.6	16.9
		INDOOR COIL TEMP DROP (°F)	15	15	15	15	15	14	13	13

YHG42B21S W/ CM48C COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
75/62	1150	LIQUID PRESSURE (PSIG)	189	226	262	306	350	406	462	517
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	9	9	9	9	9	9	9	8
		SUCTION PRESSURE (PSIG)	116	119	122	124	126	128	131	134
		SUCTION TEMPERATURE (°F)	53	55	56	59	61	69	76	84
		SUCTION SUPERHEAT (°F)	14	14	15	17	18	25	31	38
		OUTDOOR UNIT CURRENT (A)	8	8.9	9.9	11.1	12.4	14.2	16	17.8
		COMPRESSOR CURRENT (A)	6.8	7.8	8.8	10	11.3	13.1	14.9	16.7
		INDOOR COIL TEMP DROP (°F)	25	25	24	23	23	22	21	20
	1400	LIQUID PRESSURE (PSIG)	190	227	263	308	352	407	463	518
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	9	9	9	9	9	9	9	9
		SUCTION PRESSURE (PSIG)	120	123	125	127	129	132	134	137
		SUCTION TEMPERATURE (°F)	55	56	58	60	62	69	76	83
		SUCTION SUPERHEAT (°F)	14	15	15	16	18	24	30	36
		OUTDOOR UNIT CURRENT (A)	8	9	9.9	11.2	12.4	14.2	16	17.8
		COMPRESSOR CURRENT (A)	6.8	7.8	8.8	10.1	11.3	13.1	14.9	16.7
		INDOOR COIL TEMP DROP (°F)	23	23	22	22	21	20	19	18
	1650	LIQUID PRESSURE (PSIG)	191	228	264	309	353	408	464	519
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	10	9	9	9	9	9	9	9
		SUCTION PRESSURE (PSIG)	124	127	129	131	133	135	138	140
		SUCTION TEMPERATURE (°F)	57	58	59	61	63	70	76	82
		SUCTION SUPERHEAT (°F)	15	15	15	16	17	23	28	34
		OUTDOOR UNIT CURRENT (A)	8	9	9.9	11.2	12.4	14.2	16	17.8
		COMPRESSOR CURRENT (A)	6.8	7.8	8.8	10.1	11.3	13.1	14.9	16.7
		INDOOR COIL TEMP DROP (°F)	21	21	20	20	19	18	18	17
80/57	1150	LIQUID PRESSURE (PSIG)	185	220	256	302	348	403	459	514
		LIQUID TEMPERATURE (°F)	56	66	76	87	98	108	118	128
		LIQUID SUBCOOLING (°F)	9	9	9	9	9	9	8	8
		SUCTION PRESSURE (PSIG)	109	112	114	117	120	125	130	134
		SUCTION TEMPERATURE (°F)	49	51	53	56	59	67	74	82
		SUCTION SUPERHEAT (°F)	14	14	15	17	19	24	30	35
		OUTDOOR UNIT CURRENT (A)	7.9	8.8	9.7	11	12.3	14.1	15.9	17.6
		COMPRESSOR CURRENT (A)	6.7	7.6	8.6	9.9	11.2	13	14.7	16.5
		INDOOR COIL TEMP DROP (°F)	33	32	31	30	29	27	26	24
	1400	LIQUID PRESSURE (PSIG)	187	222	257	304	350	407	464	520
		LIQUID TEMPERATURE (°F)	56	66	77	87	98	108	118	128
		LIQUID SUBCOOLING (°F)	9	9	9	9	9	9	9	9
		SUCTION PRESSURE (PSIG)	115	118	121	125	128	132	136	140
		SUCTION TEMPERATURE (°F)	53	54	56	59	61	66	71	76
		SUCTION SUPERHEAT (°F)	14	14	15	16	18	21	24	28
		OUTDOOR UNIT CURRENT (A)	7.9	8.8	9.7	11	12.3	14.2	16	17.8
		COMPRESSOR CURRENT (A)	6.7	7.7	8.6	9.9	11.2	13	14.9	16.7
		INDOOR COIL TEMP DROP (°F)	30	29	28	27	26	24	23	21
	1650	LIQUID PRESSURE (PSIG)	189	224	259	306	353	411	469	527
		LIQUID TEMPERATURE (°F)	57	67	77	87	98	108	119	129
		LIQUID SUBCOOLING (°F)	9	9	9	9	9	9	9	9
		SUCTION PRESSURE (PSIG)	122	125	128	132	135	138	142	146
		SUCTION TEMPERATURE (°F)	56	57	59	61	64	66	69	71
		SUCTION SUPERHEAT (°F)	14	14	14	15	17	18	19	20
		OUTDOOR UNIT CURRENT (A)	8	8.9	9.8	11.1	12.4	14.3	16.1	18
		COMPRESSOR CURRENT (A)	6.8	7.7	8.6	9.9	11.2	13.1	15	16.9
		INDOOR COIL TEMP DROP (°F)	26	25	25	24	23	21	20	19

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YHG42B21S W/ CM48C COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	1150	LIQUID PRESSURE (PSIG)	189	225	261	306	351	407	463	520
		LIQUID TEMPERATURE (°F)	57	67	77	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	9	9	9	9	9	9	9	8
		SUCTION PRESSURE (PSIG)	117	119	122	124	126	129	132	135
		SUCTION TEMPERATURE (°F)	53	55	57	59	62	67	73	79
		SUCTION SUPERHEAT (°F)	13	14	15	17	18	23	27	32
		OUTDOOR UNIT CURRENT (A)	8	8.9	9.8	11.1	12.4	14.2	16	17.8
		COMPRESSOR CURRENT (A)	6.8	7.8	8.8	10	11.3	13.1	14.9	16.7
		INDOOR COIL TEMP DROP (°F)	29	29	28	28	27	26	25	24
	1400	LIQUID PRESSURE (PSIG)	188	225	262	308	353	410	467	524
		LIQUID TEMPERATURE (°F)	56	67	78	88	98	108	119	129
		LIQUID SUBCOOLING (°F)	9	9	9	9	9	9	9	9
		SUCTION PRESSURE (PSIG)	121	123	126	128	130	134	137	141
		SUCTION TEMPERATURE (°F)	55	57	58	60	63	67	72	77
		SUCTION SUPERHEAT (°F)	14	14	15	16	17	21	24	28
		OUTDOOR UNIT CURRENT (A)	7.9	8.9	9.9	11.2	12.4	14.2	16.1	17.9
		COMPRESSOR CURRENT (A)	6.8	7.8	8.8	10.1	11.3	13.1	15	16.8
		INDOOR COIL TEMP DROP (°F)	27	27	26	26	25	24	22	21
	1650	LIQUID PRESSURE (PSIG)	186	225	264	309	355	413	470	528
		LIQUID TEMPERATURE (°F)	55	67	78	88	98	109	119	129
		LIQUID SUBCOOLING (°F)	10	9	9	9	9	9	9	9
		SUCTION PRESSURE (PSIG)	125	128	130	133	135	139	142	146
		SUCTION TEMPERATURE (°F)	57	59	60	62	63	67	71	75
		SUCTION SUPERHEAT (°F)	14	15	15	16	16	19	21	24
		OUTDOOR UNIT CURRENT (A)	7.9	8.9	9.9	11.2	12.5	14.3	16.2	18
		COMPRESSOR CURRENT (A)	6.7	7.8	8.8	10.1	11.4	13.2	15	16.9
		INDOOR COIL TEMP DROP (°F)	25	25	24	24	23	22	20	19
80/67	1150	LIQUID PRESSURE (PSIG)	192	229	266	310	354	411	468	524
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	118	129
		LIQUID SUBCOOLING (°F)	10	10	10	10	10	9	9	9
		SUCTION PRESSURE (PSIG)	127	130	132	135	137	140	142	145
		SUCTION TEMPERATURE (°F)	58	59	60	62	65	70	75	80
		SUCTION SUPERHEAT (°F)	14	14	14	15	17	21	26	30
		OUTDOOR UNIT CURRENT (A)	8	9	10	11.2	12.4	14.3	16.1	17.9
		COMPRESSOR CURRENT (A)	6.9	7.9	8.9	10.1	11.3	13.2	15	16.8
		INDOOR COIL TEMP DROP (°F)	25	25	24	23	22	20	18	15
	1400	LIQUID PRESSURE (PSIG)	194	230	266	311	356	413	469	526
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	118	129
		LIQUID SUBCOOLING (°F)	10	10	10	10	10	10	9	9
		SUCTION PRESSURE (PSIG)	131	134	136	139	141	144	146	148
		SUCTION TEMPERATURE (°F)	61	62	62	64	66	71	76	81
		SUCTION SUPERHEAT (°F)	15	15	15	16	16	21	25	29
		OUTDOOR UNIT CURRENT (A)	8.1	9	10	11.2	12.5	14.3	16.1	18
		COMPRESSOR CURRENT (A)	6.9	7.9	8.9	10.1	11.4	13.2	15	16.8
		INDOOR COIL TEMP DROP (°F)	23	22	22	21	21	18	16	14
	1650	LIQUID PRESSURE (PSIG)	195	231	266	312	357	414	471	527
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	119	129
		LIQUID SUBCOOLING (°F)	10	10	10	10	10	10	9	9
		SUCTION PRESSURE (PSIG)	135	138	140	143	145	147	149	151
		SUCTION TEMPERATURE (°F)	64	64	64	66	67	72	77	81
		SUCTION SUPERHEAT (°F)	16	16	15	16	16	20	24	28
		OUTDOOR UNIT CURRENT (A)	8.1	9	10	11.2	12.5	14.3	16.2	18
		COMPRESSOR CURRENT (A)	7	7.9	8.8	10.1	11.4	13.2	15.1	16.9
		INDOOR COIL TEMP DROP (°F)	20	20	20	19	19	17	15	13

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YHG42B21S W/ CM48C COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1150	LIQUID PRESSURE (PSIG)	196	231	266	285	304	379	453	527
		LIQUID TEMPERATURE (°F)	58	68	78	82	87	101	114	128
		LIQUID SUBCOOLING (°F)	10	10	10	10	10	10	10	10
		SUCTION PRESSURE (PSIG)	137	140	143	145	146	150	154	158
		SUCTION TEMPERATURE (°F)	65	65	66	67	68	71	74	77
		SUCTION SUPERHEAT (°F)	17	16	15	16	16	18	20	22
		OUTDOOR UNIT CURRENT (A)	8.1	9	10	10.5	11	13.3	15.6	17.9
		COMPRESSOR CURRENT (A)	7	7.9	8.8	9.4	9.9	12.2	14.5	16.8
		INDOOR COIL TEMP DROP (°F)	20	20	19	19	18	17	16	16
	1400	LIQUID PRESSURE (PSIG)	196	232	268	287	306	380	453	527
		LIQUID TEMPERATURE (°F)	58	68	78	83	87	101	114	128
		LIQUID SUBCOOLING (°F)	10	10	10	10	10	10	10	10
		SUCTION PRESSURE (PSIG)	140	144	147	149	150	153	157	161
		SUCTION TEMPERATURE (°F)	67	67	68	68	69	72	75	78
		SUCTION SUPERHEAT (°F)	19	17	16	16	17	18	20	22
		OUTDOOR UNIT CURRENT (A)	8.2	9.1	10	10.5	11	13.3	15.6	17.9
		COMPRESSOR CURRENT (A)	7	8	8.9	9.4	9.9	12.2	14.5	16.8
		INDOOR COIL TEMP DROP (°F)	18	18	17	17	17	16	15	14
	1650	LIQUID PRESSURE (PSIG)	197	233	269	288	307	381	454	528
		LIQUID TEMPERATURE (°F)	58	68	78	83	87	101	114	128
		LIQUID SUBCOOLING (°F)	11	10	10	10	10	10	10	10
		SUCTION PRESSURE (PSIG)	143	147	151	152	154	157	160	163
		SUCTION TEMPERATURE (°F)	70	70	70	70	71	74	76	79
		SUCTION SUPERHEAT (°F)	20	18	16	17	17	19	20	22
		OUTDOOR UNIT CURRENT (A)	8.2	9.1	10	10.5	11	13.3	15.6	17.9
		COMPRESSOR CURRENT (A)	7	8	8.9	9.4	9.9	12.2	14.5	16.8
		INDOOR COIL TEMP DROP (°F)	15	15	16	15	15	14	14	13

YHG42B21S W/ CM60C COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1150	LIQUID PRESSURE (PSIG)	192	229	266	311	355	412	468	524
		LIQUID TEMPERATURE (°F)	56	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	11	11	11	11	11	10	10	10
		SUCTION PRESSURE (PSIG)	118	120	123	125	127	130	133	135
		SUCTION TEMPERATURE (°F)	55	57	58	61	64	71	79	87
		SUCTION SUPERHEAT (°F)	15	16	17	18	20	27	34	42
		OUTDOOR UNIT CURRENT (A)	8.1	9	10	11.3	12.5	14.4	16.2	18
		COMPRESSOR CURRENT (A)	6.9	7.9	8.9	10.2	11.5	13.3	15.1	17
		INDOOR COIL TEMP DROP (°F)	25	25	24	24	23	22	21	20
	1400	LIQUID PRESSURE (PSIG)	193	230	267	312	357	413	469	525
		LIQUID TEMPERATURE (°F)	56	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	11	11	11	11	11	11	10	10
		SUCTION PRESSURE (PSIG)	122	124	126	129	131	133	136	138
		SUCTION TEMPERATURE (°F)	57	59	60	62	65	72	79	86
		SUCTION SUPERHEAT (°F)	16	16	16	18	20	26	33	40
		OUTDOOR UNIT CURRENT (A)	8.1	9.1	10	11.3	12.6	14.4	16.2	18
		COMPRESSOR CURRENT (A)	6.9	7.9	8.9	10.2	11.5	13.3	15.1	17
		INDOOR COIL TEMP DROP (°F)	23	23	22	22	21	20	19	18
	1650	LIQUID PRESSURE (PSIG)	193	231	268	313	358	414	470	526
		LIQUID TEMPERATURE (°F)	56	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	11	11	11	11	11	11	10	10
		SUCTION PRESSURE (PSIG)	126	128	130	132	135	137	139	142
		SUCTION TEMPERATURE (°F)	59	60	61	64	66	72	79	85
		SUCTION SUPERHEAT (°F)	16	16	16	18	19	25	31	37
		OUTDOOR UNIT CURRENT (A)	8.1	9.1	10.1	11.3	12.6	14.4	16.2	18
		COMPRESSOR CURRENT (A)	7	8	9	10.3	11.5	13.4	15.2	17
		INDOOR COIL TEMP DROP (°F)	21	21	20	20	19	19	18	17
80/57	1150	LIQUID PRESSURE (PSIG)	188	223	259	306	352	409	465	521
		LIQUID TEMPERATURE (°F)	56	66	76	86	97	107	117	127
		LIQUID SUBCOOLING (°F)	10	10	10	10	10	10	10	10
		SUCTION PRESSURE (PSIG)	110	113	116	119	122	126	131	136
		SUCTION TEMPERATURE (°F)	51	53	55	58	62	69	77	84
		SUCTION SUPERHEAT (°F)	15	16	16	18	20	27	33	39
		OUTDOOR UNIT CURRENT (A)	8	8.9	9.8	11.1	12.5	14.3	16.1	17.9
		COMPRESSOR CURRENT (A)	6.8	7.8	8.7	10	11.3	13.2	15	16.8
		INDOOR COIL TEMP DROP (°F)	33	32	32	31	30	28	26	24
	1400	LIQUID PRESSURE (PSIG)	190	225	261	308	355	413	470	528
		LIQUID TEMPERATURE (°F)	56	66	76	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	11	10	10	10	11	10	10	10
		SUCTION PRESSURE (PSIG)	117	120	123	126	129	133	137	141
		SUCTION TEMPERATURE (°F)	55	56	58	61	64	69	74	79
		SUCTION SUPERHEAT (°F)	15	16	16	18	19	23	27	31
		OUTDOOR UNIT CURRENT (A)	8	8.9	9.9	11.2	12.5	14.4	16.2	18.1
		COMPRESSOR CURRENT (A)	6.9	7.8	8.7	10.1	11.4	13.3	15.1	17
		INDOOR COIL TEMP DROP (°F)	30	29	28	27	26	25	23	22
	1650	LIQUID PRESSURE (PSIG)	191	227	262	310	357	416	475	534
		LIQUID TEMPERATURE (°F)	56	66	76	87	97	108	118	128
		LIQUID SUBCOOLING (°F)	11	11	11	11	11	11	11	11
		SUCTION PRESSURE (PSIG)	123	127	130	133	136	140	144	147
		SUCTION TEMPERATURE (°F)	58	60	61	63	66	68	71	74
		SUCTION SUPERHEAT (°F)	16	16	16	17	18	20	21	22
		OUTDOOR UNIT CURRENT (A)	8.1	9	9.9	11.2	12.5	14.4	16.3	18.2
		COMPRESSOR CURRENT (A)	6.9	7.8	8.8	10.1	11.4	13.3	15.2	17.1
		INDOOR COIL TEMP DROP (°F)	27	26	25	24	23	22	20	19

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YHG42B21S W/ CM60C COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	1150	LIQUID PRESSURE (PSIG)	192	228	265	310	355	413	470	527
		LIQUID TEMPERATURE (°F)	56	67	77	87	97	107	117	128
		LIQUID SUBCOOLING (°F)	11	11	11	11	11	10	10	10
		SUCTION PRESSURE (PSIG)	118	120	123	125	127	130	133	136
		SUCTION TEMPERATURE (°F)	54	57	59	61	64	70	75	81
		SUCTION SUPERHEAT (°F)	14	16	17	19	20	25	30	35
		OUTDOOR UNIT CURRENT (A)	8.1	9	10	11.3	12.5	14.4	16.2	18
		COMPRESSOR CURRENT (A)	6.9	7.9	8.9	10.2	11.5	13.3	15.1	16.9
		INDOOR COIL TEMP DROP (°F)	30	29	29	28	27	26	25	24
	1400	LIQUID PRESSURE (PSIG)	190	228	266	312	358	415	473	531
		LIQUID TEMPERATURE (°F)	56	66	77	87	97	108	118	128
		LIQUID SUBCOOLING (°F)	11	11	11	11	11	11	10	10
		SUCTION PRESSURE (PSIG)	122	125	127	130	132	135	139	142
		SUCTION TEMPERATURE (°F)	57	59	60	63	65	70	75	79
		SUCTION SUPERHEAT (°F)	15	16	17	18	19	23	27	31
		OUTDOOR UNIT CURRENT (A)	8.1	9	10	11.3	12.6	14.4	16.3	18.1
		COMPRESSOR CURRENT (A)	6.9	7.9	8.9	10.2	11.5	13.4	15.2	17.1
		INDOOR COIL TEMP DROP (°F)	27	27	27	26	25	24	23	21
	1650	LIQUID PRESSURE (PSIG)	189	228	267	314	360	418	477	535
		LIQUID TEMPERATURE (°F)	55	66	77	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	11	11	11	11	11	11	11	10
		SUCTION PRESSURE (PSIG)	126	129	132	134	136	140	144	148
		SUCTION TEMPERATURE (°F)	59	61	62	64	66	70	74	78
		SUCTION SUPERHEAT (°F)	16	16	16	17	18	21	24	26
		OUTDOOR UNIT CURRENT (A)	8	9	10	11.3	12.6	14.5	16.4	18.2
		COMPRESSOR CURRENT (A)	6.9	7.9	9	10.3	11.6	13.4	15.3	17.2
		INDOOR COIL TEMP DROP (°F)	25	25	24	24	23	22	20	19
80/67	1150	LIQUID PRESSURE (PSIG)	195	232	270	315	359	417	474	532
		LIQUID TEMPERATURE (°F)	57	67	78	87	97	108	118	128
		LIQUID SUBCOOLING (°F)	11	11	11	11	11	11	11	10
		SUCTION PRESSURE (PSIG)	129	131	134	136	139	141	144	146
		SUCTION TEMPERATURE (°F)	60	61	62	65	67	72	78	83
		SUCTION SUPERHEAT (°F)	16	16	16	17	18	23	28	33
		OUTDOOR UNIT CURRENT (A)	8.1	9.1	10.1	11.4	12.6	14.4	16.3	18.1
		COMPRESSOR CURRENT (A)	7	8	9	10.3	11.5	13.4	15.2	17.1
		INDOOR COIL TEMP DROP (°F)	25	25	24	24	23	20	18	15
	1400	LIQUID PRESSURE (PSIG)	196	233	270	315	361	418	476	533
		LIQUID TEMPERATURE (°F)	57	67	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	12	11	11	11	11	11	11	11
		SUCTION PRESSURE (PSIG)	133	135	138	140	143	145	147	150
		SUCTION TEMPERATURE (°F)	63	64	65	66	68	73	79	84
		SUCTION SUPERHEAT (°F)	17	17	16	17	18	23	28	32
		OUTDOOR UNIT CURRENT (A)	8.2	9.1	10.1	11.4	12.6	14.5	16.3	18.2
		COMPRESSOR CURRENT (A)	7.1	8	9	10.3	11.6	13.4	15.3	17.1
		INDOOR COIL TEMP DROP (°F)	23	23	22	22	21	19	16	14
	1650	LIQUID PRESSURE (PSIG)	198	234	270	316	362	420	477	535
		LIQUID TEMPERATURE (°F)	57	67	77	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	12	12	11	11	11	11	11	11
		SUCTION PRESSURE (PSIG)	137	139	142	144	147	149	151	153
		SUCTION TEMPERATURE (°F)	66	66	67	68	70	74	79	84
		SUCTION SUPERHEAT (°F)	18	17	17	17	18	22	27	31
		OUTDOOR UNIT CURRENT (A)	8.2	9.2	10.1	11.4	12.7	14.5	16.4	18.3
		COMPRESSOR CURRENT (A)	7.1	8	9	10.3	11.6	13.5	15.3	17.2
		INDOOR COIL TEMP DROP (°F)	21	20	20	20	19	17	15	13

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YHG42B21S W/ CM60C COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1150	LIQUID PRESSURE (PSIG)	198	234	270	289	308	384	459	534
		LIQUID TEMPERATURE (°F)	57	67	77	82	86	100	114	127
		LIQUID SUBCOOLING (°F)	12	12	11	11	11	11	11	11
		SUCTION PRESSURE (PSIG)	139	142	145	146	148	152	156	159
		SUCTION TEMPERATURE (°F)	67	68	68	69	70	73	77	80
		SUCTION SUPERHEAT (°F)	19	18	17	17	18	20	22	24
		OUTDOOR UNIT CURRENT (A)	8.2	9.2	10.1	10.6	11.1	13.5	15.8	18.2
		COMPRESSOR CURRENT (A)	7.1	8.1	9	9.5	10	12.4	14.8	17.1
		INDOOR COIL TEMP DROP (°F)	20	20	19	19	18	18	17	16
	1400	LIQUID PRESSURE (PSIG)	199	235	271	291	310	385	460	535
		LIQUID TEMPERATURE (°F)	57	67	77	82	87	100	114	127
		LIQUID SUBCOOLING (°F)	12	12	12	12	12	12	11	11
		SUCTION PRESSURE (PSIG)	141	145	149	150	152	155	159	162
		SUCTION TEMPERATURE (°F)	70	70	70	71	72	75	78	81
		SUCTION SUPERHEAT (°F)	20	19	17	18	18	20	22	24
		OUTDOOR UNIT CURRENT (A)	8.3	9.2	10.1	10.6	11.1	13.5	15.8	18.1
		COMPRESSOR CURRENT (A)	7.2	8.1	9	9.5	10.1	12.4	14.8	17.1
		INDOOR COIL TEMP DROP (°F)	18	18	18	17	17	16	15	14
	1650	LIQUID PRESSURE (PSIG)	200	236	273	292	311	386	460	535
		LIQUID TEMPERATURE (°F)	57	68	78	82	87	100	114	127
		LIQUID SUBCOOLING (°F)	12	12	12	12	12	12	12	11
		SUCTION PRESSURE (PSIG)	144	148	153	154	155	158	162	165
		SUCTION TEMPERATURE (°F)	72	72	72	73	74	76	79	82
		SUCTION SUPERHEAT (°F)	22	20	18	18	19	20	22	24
		OUTDOOR UNIT CURRENT (A)	8.3	9.2	10.2	10.7	11.2	13.5	15.8	18.1
		COMPRESSOR CURRENT (A)	7.2	8.1	9.1	9.6	10.1	12.4	14.8	17.1
		INDOOR COIL TEMP DROP (°F)	16	16	16	15	15	14	14	13

YHG42B21S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1150	LIQUID PRESSURE (PSIG)	382	331	324	300	272	253
		LIQUID TEMPERATURE (°F)	74	71	68	64	60	58
		LIQUID SUBCOOLING (°F)	40	33	34	33	30	27
		SUCTION PRESSURE (PSIG)	123	99	92	74	58	48
		SUCTION TEMPERATURE (°F)	55	42	38	27	9	0
		SUCTION SUPERHEAT (°F)	13	11	11	10	1	0
		OUTDOOR UNIT CURRENT (A)	14.3	12.6	11.6	11.6	10.5	10.5
		COMPRESSOR CURRENT (A)	12.8	10.3	10.3	9.3	9.4	8.3
		INDOOR COIL TEMP RISE (°F)	41	34	32	26	22	19
	1400	LIQUID PRESSURE (PSIG)	354	319	305	283	260	248
		LIQUID TEMPERATURE (°F)	70	67	66	63	59	56
		LIQUID SUBCOOLING (°F)	38	33	32	30	28	27
		SUCTION PRESSURE (PSIG)	121	99	90	74	58	47
		SUCTION TEMPERATURE (°F)	54	43	37	28	9	2
		SUCTION SUPERHEAT (°F)	13	12	11	10	1	1
		OUTDOOR UNIT CURRENT (A)	12.6	11.6	10.5	10.5	9.5	9.5
		COMPRESSOR CURRENT (A)	11.4	10.3	9.3	9.3	8.3	8.3
		INDOOR COIL TEMP RISE (°F)	34	29	26	22	19	16
	1650	LIQUID PRESSURE (PSIG)	328	307	286	267	249	243
		LIQUID TEMPERATURE (°F)	67	64	64	62	58	55
		LIQUID SUBCOOLING (°F)	36	34	30	27	26	27
		SUCTION PRESSURE (PSIG)	119	100	88	75	58	47
		SUCTION TEMPERATURE (°F)	54	44	37	29	9	5
		SUCTION SUPERHEAT (°F)	14	13	12	11	1	1
		OUTDOOR UNIT CURRENT (A)	12.5	11.9	11.4	10.9	10.5	10.4
		COMPRESSOR CURRENT (A)	11.1	10.5	9.9	9.4	9	8.8
		INDOOR COIL TEMP RISE (°F)	28	24	22	19	16	14
70	1150	LIQUID PRESSURE (PSIG)	429	388	368	347	314	295
		LIQUID TEMPERATURE (°F)	83	79	77	74	68	67
		LIQUID SUBCOOLING (°F)	39	35	34	32	31	28
		SUCTION PRESSURE (PSIG)	125	103	92	76	58	49
		SUCTION TEMPERATURE (°F)	55	44	38	29	8	2
		SUCTION SUPERHEAT (°F)	12	11	10	10	1	1
		OUTDOOR UNIT CURRENT (A)	15.8	13.7	12.6	12.6	11.6	11.6
		COMPRESSOR CURRENT (A)	13.5	12.4	11.4	10.3	10.4	9.4
		INDOOR COIL TEMP RISE (°F)	39	34	31	25	21	18
	1400	LIQUID PRESSURE (PSIG)	401	369	347	327	301	286
		LIQUID TEMPERATURE (°F)	79	76	75	73	67	65
		LIQUID SUBCOOLING (°F)	37	34	31	29	28	27
		SUCTION PRESSURE (PSIG)	123	103	91	76	58	48
		SUCTION TEMPERATURE (°F)	55	44	37	29	9	3
		SUCTION SUPERHEAT (°F)	12	12	10	10	1	1
		OUTDOOR UNIT CURRENT (A)	13.7	12.6	11.6	11.6	10.5	10.5
		COMPRESSOR CURRENT (A)	12.4	11.4	10.3	10.3	9.4	9.4
		INDOOR COIL TEMP RISE (°F)	33	29	25	21	18	16
	1650	LIQUID PRESSURE (PSIG)	373	350	327	308	290	278
		LIQUID TEMPERATURE (°F)	76	73	73	72	67	64
		LIQUID SUBCOOLING (°F)	35	33	29	26	26	26
		SUCTION PRESSURE (PSIG)	122	103	90	76	58	48
		SUCTION TEMPERATURE (°F)	55	45	37	29	9	3
		SUCTION SUPERHEAT (°F)	13	12	11	11	1	1
		OUTDOOR UNIT CURRENT (A)	13.7	12.6	12.6	11.6	11.6	10.5
		COMPRESSOR CURRENT (A)	12.4	11.4	10.3	10.3	9.4	9.4
		INDOOR COIL TEMP RISE (°F)	27	23	21	18	16	13

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YHG42B21S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1150	LIQUID PRESSURE (PSIG)	477	445	413	396	358	337
		LIQUID TEMPERATURE (°F)	93	89	87	84	77	76
		LIQUID SUBCOOLING (°F)	38	37	34	32	32	29
		SUCTION PRESSURE (PSIG)	128	108	92	79	59	51
		SUCTION TEMPERATURE (°F)	56	47	38	31	8	5
		SUCTION SUPERHEAT (°F)	12	12	10	11	1	1
		OUTDOOR UNIT CURRENT (A)	17.4	16.4	15.3	14.8	13.7	13
		COMPRESSOR CURRENT (A)	15.9	14.8	13.8	13.1	12.1	11.5
		INDOOR COIL TEMP RISE (°F)	39	34	30	26	21	19
	1400	LIQUID PRESSURE (PSIG)	447	419	391	372	344	324
		LIQUID TEMPERATURE (°F)	90	85	84	83	76	75
		LIQUID SUBCOOLING (°F)	36	35	31	29	29	27
		SUCTION PRESSURE (PSIG)	126	107	92	78	59	50
		SUCTION TEMPERATURE (°F)	56	46	38	30	9	3
		SUCTION SUPERHEAT (°F)	12	12	10	11	1	1
		OUTDOOR UNIT CURRENT (A)	15.8	14.7	13.7	13.7	12.6	12.6
		COMPRESSOR CURRENT (A)	14.5	13.5	12.4	12.4	11.5	10.4
		INDOOR COIL TEMP RISE (°F)	33	29	25	21	18	16
	1650	LIQUID PRESSURE (PSIG)	418	395	370	349	331	312
		LIQUID TEMPERATURE (°F)	87	83	82	82	76	74
		LIQUID SUBCOOLING (°F)	35	33	29	26	27	25
		SUCTION PRESSURE (PSIG)	125	106	92	77	59	50
		SUCTION TEMPERATURE (°F)	56	46	38	30	10	2
		SUCTION SUPERHEAT (°F)	13	12	11	11	1	0
		OUTDOOR UNIT CURRENT (A)	15.5	14.7	13.9	13.3	12.8	12.3
		COMPRESSOR CURRENT (A)	14	13.2	12.4	11.8	11.3	10.8
		INDOOR COIL TEMP RISE (°F)	28	24	21	18	15	14

YHG42B21S W/ CM48C COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1150	LIQUID PRESSURE (PSIG)	393	341	334	309	280	260
		LIQUID TEMPERATURE (°F)	75	72	69	65	59	57
		LIQUID SUBCOOLING (°F)	42	34	36	34	33	30
		SUCTION PRESSURE (PSIG)	127	102	95	76	55	45
		SUCTION TEMPERATURE (°F)	58	44	40	29	15	0
		SUCTION SUPERHEAT (°F)	14	12	12	11	10	0
		OUTDOOR UNIT CURRENT (A)	14.7	13	11.9	11.9	10.9	10.9
		COMPRESSOR CURRENT (A)	13.2	10.7	10.7	9.6	9.5	8.5
		INDOOR COIL TEMP RISE (°F)	40	33	31	26	20	17
	1400	LIQUID PRESSURE (PSIG)	365	328	314	291	268	255
		LIQUID TEMPERATURE (°F)	71	68	67	63	58	55
		LIQUID SUBCOOLING (°F)	40	34	33	31	31	30
		SUCTION PRESSURE (PSIG)	125	102	93	76	55	44
		SUCTION TEMPERATURE (°F)	57	45	39	30	15	4
		SUCTION SUPERHEAT (°F)	14	13	12	11	10	5
		OUTDOOR UNIT CURRENT (A)	13	11.9	10.8	10.8	9.8	9.8
		COMPRESSOR CURRENT (A)	11.7	10.7	9.6	9.6	8.5	8.5
		INDOOR COIL TEMP RISE (°F)	33	28	26	22	17	14
	1650	LIQUID PRESSURE (PSIG)	338	316	295	275	256	250
		LIQUID TEMPERATURE (°F)	68	65	65	62	57	54
		LIQUID SUBCOOLING (°F)	38	36	31	28	29	30
		SUCTION PRESSURE (PSIG)	123	103	90	77	55	44
		SUCTION TEMPERATURE (°F)	57	47	39	31	16	8
		SUCTION SUPERHEAT (°F)	15	14	13	12	11	10
		OUTDOOR UNIT CURRENT (A)	12.9	12.3	11.7	11.3	10.8	10.7
		COMPRESSOR CURRENT (A)	11.4	10.8	10.2	9.7	9.1	8.9
		INDOOR COIL TEMP RISE (°F)	28	24	22	19	15	13
70	1150	LIQUID PRESSURE (PSIG)	442	399	379	358	324	303
		LIQUID TEMPERATURE (°F)	84	80	78	75	67	66
		LIQUID SUBCOOLING (°F)	41	37	36	33	35	31
		SUCTION PRESSURE (PSIG)	129	106	95	78	55	46
		SUCTION TEMPERATURE (°F)	58	47	40	31	14	4
		SUCTION SUPERHEAT (°F)	13	12	11	11	9	4
		OUTDOOR UNIT CURRENT (A)	16.2	14.1	13	13	12	12
		COMPRESSOR CURRENT (A)	13.9	12.8	11.7	10.7	10.6	9.5
		INDOOR COIL TEMP RISE (°F)	38	33	30	25	19	16
	1400	LIQUID PRESSURE (PSIG)	413	380	358	337	310	294
		LIQUID TEMPERATURE (°F)	80	77	76	74	66	64
		LIQUID SUBCOOLING (°F)	39	36	32	30	31	30
		SUCTION PRESSURE (PSIG)	127	106	94	78	55	45
		SUCTION TEMPERATURE (°F)	58	47	39	31	15	4
		SUCTION SUPERHEAT (°F)	13	13	11	11	10	5
		OUTDOOR UNIT CURRENT (A)	14.1	13	11.9	11.9	10.9	10.9
		COMPRESSOR CURRENT (A)	12.8	11.7	10.7	10.7	9.5	9.5
		INDOOR COIL TEMP RISE (°F)	32	28	25	21	16	14
	1650	LIQUID PRESSURE (PSIG)	384	361	337	317	298	286
		LIQUID TEMPERATURE (°F)	77	74	74	73	66	63
		LIQUID SUBCOOLING (°F)	37	34	30	27	29	29
		SUCTION PRESSURE (PSIG)	126	106	93	78	55	45
		SUCTION TEMPERATURE (°F)	58	48	39	31	16	5
		SUCTION SUPERHEAT (°F)	14	13	12	12	11	6
		OUTDOOR UNIT CURRENT (A)	14.1	13	13	11.9	12	10.9
		COMPRESSOR CURRENT (A)	12.8	11.7	10.7	10.7	9.5	9.5
		INDOOR COIL TEMP RISE (°F)	27	23	21	18	14	12

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YHG42B21S W/ CM48C COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1150	LIQUID PRESSURE (PSIG)	491	459	425	408	369	347
		LIQUID TEMPERATURE (°F)	93	89	87	85	76	75
		LIQUID SUBCOOLING (°F)	40	39	36	33	36	32
		SUCTION PRESSURE (PSIG)	132	111	95	81	56	48
		SUCTION TEMPERATURE (°F)	59	50	40	33	14	8
		SUCTION SUPERHEAT (°F)	13	13	11	12	9	8
		OUTDOOR UNIT CURRENT (A)	17.9	16.9	15.8	15.2	14.1	13.5
		COMPRESSOR CURRENT (A)	16.4	15.3	14.2	13.6	12.3	11.7
		INDOOR COIL TEMP RISE (°F)	38	33	29	25	19	17
	1400	LIQUID PRESSURE (PSIG)	461	432	403	383	354	334
		LIQUID TEMPERATURE (°F)	90	86	85	84	75	74
		LIQUID SUBCOOLING (°F)	38	37	32	30	32	30
		SUCTION PRESSURE (PSIG)	130	110	95	80	56	47
		SUCTION TEMPERATURE (°F)	59	49	40	32	15	5
		SUCTION SUPERHEAT (°F)	13	13	11	12	10	5
		OUTDOOR UNIT CURRENT (A)	16.2	15.2	14.1	14.1	13.1	13.1
		COMPRESSOR CURRENT (A)	15	13.9	12.8	12.8	11.6	10.6
		INDOOR COIL TEMP RISE (°F)	32	28	25	21	16	14
	1650	LIQUID PRESSURE (PSIG)	431	407	381	360	341	322
		LIQUID TEMPERATURE (°F)	87	84	83	83	75	73
		LIQUID SUBCOOLING (°F)	37	34	30	27	30	28
		SUCTION PRESSURE (PSIG)	129	109	95	79	56	47
		SUCTION TEMPERATURE (°F)	59	49	40	32	17	4
		SUCTION SUPERHEAT (°F)	14	13	12	12	11	3
		OUTDOOR UNIT CURRENT (A)	15.9	15.1	14.4	13.7	13.2	12.8
		COMPRESSOR CURRENT (A)	14.4	13.6	12.8	12.2	11.5	11
		INDOOR COIL TEMP RISE (°F)	27	23	21	18	14	12

YHG42B21S W/ CM60C COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1150	LIQUID PRESSURE (PSIG)	382	332	325	300	279	260
		LIQUID TEMPERATURE (°F)	76	73	69	65	61	59
		LIQUID SUBCOOLING (°F)	38	32	32	32	31	28
		SUCTION PRESSURE (PSIG)	123	99	92	74	60	50
		SUCTION TEMPERATURE (°F)	54	41	37	26	9	0
		SUCTION SUPERHEAT (°F)	12	10	10	9	0	0
		OUTDOOR UNIT CURRENT (A)	14.2	12.6	11.6	11.6	10.8	10.8
		COMPRESSOR CURRENT (A)	12.8	10.4	10.4	9.4	9.7	8.6
		INDOOR COIL TEMP RISE (°F)	38	32	30	25	22	18
	1400	LIQUID PRESSURE (PSIG)	354	319	305	283	267	255
		LIQUID TEMPERATURE (°F)	72	68	67	64	60	57
		LIQUID SUBCOOLING (°F)	36	32	31	29	29	28
		SUCTION PRESSURE (PSIG)	121	99	90	74	60	49
		SUCTION TEMPERATURE (°F)	53	42	36	27	9	2
		SUCTION SUPERHEAT (°F)	12	11	10	9	0	0
		OUTDOOR UNIT CURRENT (A)	12.6	11.6	10.5	10.5	9.7	9.7
		COMPRESSOR CURRENT (A)	11.4	10.4	9.4	9.4	8.6	8.6
		INDOOR COIL TEMP RISE (°F)	32	27	25	21	18	15
	1650	LIQUID PRESSURE (PSIG)	329	307	286	267	256	250
		LIQUID TEMPERATURE (°F)	68	65	65	63	59	55
		LIQUID SUBCOOLING (°F)	34	32	29	26	27	28
		SUCTION PRESSURE (PSIG)	119	100	88	75	60	49
		SUCTION TEMPERATURE (°F)	53	43	36	28	9	5
		SUCTION SUPERHEAT (°F)	13	12	11	10	0	0
		OUTDOOR UNIT CURRENT (A)	12.5	11.9	11.4	10.9	10.7	10.7
		COMPRESSOR CURRENT (A)	11.1	10.5	9.9	9.4	9.3	9.1
		INDOOR COIL TEMP RISE (°F)	27	23	21	18	16	14
70	1150	LIQUID PRESSURE (PSIG)	430	388	368	347	323	303
		LIQUID TEMPERATURE (°F)	85	81	79	76	69	68
		LIQUID SUBCOOLING (°F)	37	33	32	31	32	29
		SUCTION PRESSURE (PSIG)	125	103	92	76	60	51
		SUCTION TEMPERATURE (°F)	54	43	37	28	8	2
		SUCTION SUPERHEAT (°F)	11	10	9	9	0	0
		OUTDOOR UNIT CURRENT (A)	15.8	13.7	12.6	12.6	11.9	11.9
		COMPRESSOR CURRENT (A)	13.5	12.5	11.4	10.4	10.8	9.7
		INDOOR COIL TEMP RISE (°F)	37	32	29	24	21	17
	1400	LIQUID PRESSURE (PSIG)	401	369	347	328	310	293
		LIQUID TEMPERATURE (°F)	81	78	77	75	68	66
		LIQUID SUBCOOLING (°F)	35	32	30	28	29	28
		SUCTION PRESSURE (PSIG)	123	103	91	76	60	50
		SUCTION TEMPERATURE (°F)	54	43	36	28	9	3
		SUCTION SUPERHEAT (°F)	11	11	9	9	0	0
		OUTDOOR UNIT CURRENT (A)	13.7	12.6	11.6	11.6	10.8	10.8
		COMPRESSOR CURRENT (A)	12.5	11.4	10.4	10.4	9.7	9.7
		INDOOR COIL TEMP RISE (°F)	31	27	24	20	17	15
	1650	LIQUID PRESSURE (PSIG)	373	350	328	308	297	285
		LIQUID TEMPERATURE (°F)	78	75	75	74	68	65
		LIQUID SUBCOOLING (°F)	33	32	28	25	27	27
		SUCTION PRESSURE (PSIG)	122	103	90	76	60	50
		SUCTION TEMPERATURE (°F)	54	44	36	28	9	3
		SUCTION SUPERHEAT (°F)	12	11	10	10	0	0
		OUTDOOR UNIT CURRENT (A)	13.7	12.6	12.6	11.6	11.9	10.8
		COMPRESSOR CURRENT (A)	12.5	11.4	10.4	10.4	9.7	9.7
		INDOOR COIL TEMP RISE (°F)	26	22	20	17	15	13

Continued on next page.

YHG42B21S W/ CM60C COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1150	LIQUID PRESSURE (PSIG)	477	445	413	396	368	346
		LIQUID TEMPERATURE (°F)	94	90	88	86	78	77
		LIQUID SUBCOOLING (°F)	36	35	32	31	33	30
		SUCTION PRESSURE (PSIG)	128	108	92	79	61	53
		SUCTION TEMPERATURE (°F)	55	46	37	30	8	5
		SUCTION SUPERHEAT (°F)	11	11	9	10	0	0
		OUTDOOR UNIT CURRENT (A)	17.4	16.4	15.3	14.8	14	13.4
		COMPRESSOR CURRENT (A)	15.9	14.9	13.8	13.2	12.5	11.9
		INDOOR COIL TEMP RISE (°F)	37	32	28	24	21	18
	1400	LIQUID PRESSURE (PSIG)	447	420	391	372	353	333
		LIQUID TEMPERATURE (°F)	91	87	86	85	77	76
		LIQUID SUBCOOLING (°F)	34	33	30	28	30	28
		SUCTION PRESSURE (PSIG)	126	107	92	78	61	52
		SUCTION TEMPERATURE (°F)	55	45	37	29	9	3
		SUCTION SUPERHEAT (°F)	11	11	9	10	0	0
		OUTDOOR UNIT CURRENT (A)	15.8	14.7	13.7	13.7	13	13
		COMPRESSOR CURRENT (A)	14.6	13.5	12.5	12.5	11.9	10.8
		INDOOR COIL TEMP RISE (°F)	31	27	24	20	17	15
	1650	LIQUID PRESSURE (PSIG)	419	395	370	349	340	321
		LIQUID TEMPERATURE (°F)	88	85	84	84	77	75
		LIQUID SUBCOOLING (°F)	33	32	28	25	28	26
		SUCTION PRESSURE (PSIG)	125	106	92	77	61	52
		SUCTION TEMPERATURE (°F)	55	45	37	29	10	2
		SUCTION SUPERHEAT (°F)	12	11	10	10	0	0
		OUTDOOR UNIT CURRENT (A)	15.5	14.7	13.9	13.3	13.2	12.7
		COMPRESSOR CURRENT (A)	14	13.2	12.5	11.9	11.7	11.2
		INDOOR COIL TEMP RISE (°F)	26	23	20	17	15	13

FOR USE WITH MODELS WITH TXV:

YHG48B21S
CH6B4821S
TH6B4821S
RHP16L48B21S

YHG48B21S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	188 (9)	191 (9)	193 (10)	194 (10)
60	206 (9)	208 (9)	210 (9)	211 (10)
65	224 (9)	226 (9)	227 (9)	229 (10)
70	243 (9)	243 (9)	244 (9)	246 (10)
75	260 (8)	260 (9)	261 (9)	264 (10)
80	282 (8)	282 (9)	283 (9)	286 (9)
85	304 (8)	304 (9)	305 (9)	308 (9)
90	326 (8)	325 (9)	327 (9)	331 (9)
95	348 (8)	347 (9)	349 (9)	353 (9)
100	376 (8)	376 (9)	377 (9)	382 (9)
105	406 (8)	404 (9)	405 (9)	410 (9)
110	434 (8)	432 (9)	433 (9)	439 (9)
115	462 (8)	461 (8)	461 (9)	467 (9)
120	490 (8)	489 (8)	488 (9)	495 (9)
125	518 (8)	517 (8)	516 (9)	524 (9)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHG48B21S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1350	LIQUID PRESSURE (PSIG)	190	225	261	304	348	402	456	510
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	107	117	126
		LIQUID SUBCOOLING (°F)	9	9	9	9	9	9	8	8
		SUCTION PRESSURE (PSIG)	121	123	125	128	130	133	136	138
		SUCTION TEMPERATURE (°F)	55	55	55	56	57	59	60	61
		SUCTION SUPERHEAT (°F)	13	12	12	12	12	12	12	13
		OUTDOOR UNIT CURRENT (A)	8.8	9.7	10.7	12.2	13.6	15.3	16.9	18.5
		COMPRESSOR CURRENT (A)	7.3	8.4	9.4	11	12.5	14.3	16	17.8
		INDOOR COIL TEMP DROP (°F)	25	24	23	20	18	19	19	20
	1600	LIQUID PRESSURE (PSIG)	191	226	261	305	349	404	458	513
		LIQUID TEMPERATURE (°F)	57	67	78	88	97	107	117	127
		LIQUID SUBCOOLING (°F)	9	9	9	9	9	9	8	8
		SUCTION PRESSURE (PSIG)	125	127	129	131	133	136	139	141
		SUCTION TEMPERATURE (°F)	58	57	57	58	58	60	61	62
		SUCTION SUPERHEAT (°F)	15	14	12	12	12	12	12	13
		OUTDOOR UNIT CURRENT (A)	8.8	9.7	10.7	12.2	13.6	15.4	17.2	19
		COMPRESSOR CURRENT (A)	7.3	8.4	9.4	11	12.5	14.5	16.4	18.3
		INDOOR COIL TEMP DROP (°F)	23	22	21	19	16	17	18	18
	1850	LIQUID PRESSURE (PSIG)	191	226	262	306	350	405	460	515
		LIQUID TEMPERATURE (°F)	57	68	78	88	97	107	117	127
		LIQUID SUBCOOLING (°F)	9	9	9	9	9	9	8	8
		SUCTION PRESSURE (PSIG)	128	130	132	134	136	139	142	144
		SUCTION TEMPERATURE (°F)	60	60	59	59	59	61	62	63
		SUCTION SUPERHEAT (°F)	17	15	13	12	12	12	12	13
		OUTDOOR UNIT CURRENT (A)	8.8	9.7	10.7	12.2	13.6	15.6	17.5	19.5
		COMPRESSOR CURRENT (A)	7.3	8.4	9.4	11	12.5	14.6	16.7	18.8
		INDOOR COIL TEMP DROP (°F)	21	20	20	17	15	16	16	17

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YHG48B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/57	1350	LIQUID PRESSURE (PSIG)	187	222	258	302	347	404	461	517
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	108	118	128
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	113	116	118	122	126	131	136	140
		SUCTION TEMPERATURE (°F)	50	51	52	53	55	57	59	61
		SUCTION SUPERHEAT (°F)	13	12	12	12	12	12	12	13
		OUTDOOR UNIT CURRENT (A)	8.8	9.7	10.7	12.2	13.6	15.6	17.5	19.5
		COMPRESSOR CURRENT (A)	7.3	8.4	9.4	11	12.5	14.6	16.7	18.8
		INDOOR COIL TEMP DROP (°F)	32	31	30	29	28	26	25	24
	1600	LIQUID PRESSURE (PSIG)	188	224	259	304	349	405	462	518
		LIQUID TEMPERATURE (°F)	57	67	77	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	9	9	9	9	9	8	8	8
		SUCTION PRESSURE (PSIG)	119	122	124	128	132	137	141	146
		SUCTION TEMPERATURE (°F)	54	54	55	56	58	60	62	63
		SUCTION SUPERHEAT (°F)	15	14	12	12	12	12	12	12
		OUTDOOR UNIT CURRENT (A)	8.8	9.7	10.7	12.2	13.6	15.6	17.5	19.5
		COMPRESSOR CURRENT (A)	7.3	8.4	9.4	11	12.5	14.6	16.7	18.8
		INDOOR COIL TEMP DROP (°F)	29	28	27	26	25	24	22	21
	1850	LIQUID PRESSURE (PSIG)	189	225	261	305	350	407	463	519
		LIQUID TEMPERATURE (°F)	57	67	77	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	9	9	9	9	9	9	8	8
		SUCTION PRESSURE (PSIG)	125	128	130	134	137	142	147	151
		SUCTION TEMPERATURE (°F)	58	58	58	59	60	62	64	66
		SUCTION SUPERHEAT (°F)	17	15	13	12	12	12	12	12
		OUTDOOR UNIT CURRENT (A)	8.8	9.7	10.7	12.2	13.6	15.6	17.5	19.5
		COMPRESSOR CURRENT (A)	7.3	8.4	9.4	11	12.5	14.6	16.7	18.8
		INDOOR COIL TEMP DROP (°F)	26	25	24	23	22	21	20	19
80/62	1350	LIQUID PRESSURE (PSIG)	190	224	259	302	346	403	459	515
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	9	9	9	9	9	9	8	8
		SUCTION PRESSURE (PSIG)	122	123	124	127	130	134	137	140
		SUCTION TEMPERATURE (°F)	56	56	55	56	57	59	60	61
		SUCTION SUPERHEAT (°F)	14	13	12	12	12	12	12	12
		OUTDOOR UNIT CURRENT (A)	8.8	9.7	10.7	11.7	12.7	14.9	17.2	19.5
		COMPRESSOR CURRENT (A)	7.3	8.4	9.4	10.5	11.5	13.9	16.4	18.8
		INDOOR COIL TEMP DROP (°F)	29	28	27	26	26	25	24	24
	1600	LIQUID PRESSURE (PSIG)	191	226	260	304	347	404	461	517
		LIQUID TEMPERATURE (°F)	58	67	77	87	97	107	118	128
		LIQUID SUBCOOLING (°F)	9	9	9	9	9	9	8	8
		SUCTION PRESSURE (PSIG)	125	127	128	131	134	138	142	146
		SUCTION TEMPERATURE (°F)	59	58	57	58	59	60	62	64
		SUCTION SUPERHEAT (°F)	16	14	12	12	12	12	12	12
		OUTDOOR UNIT CURRENT (A)	8.8	9.7	10.7	11.7	12.7	14.9	17.2	19.5
		COMPRESSOR CURRENT (A)	7.3	8.4	9.4	10.7	12	14.3	16.6	18.8
		INDOOR COIL TEMP DROP (°F)	26	26	25	25	24	23	22	21
	1850	LIQUID PRESSURE (PSIG)	192	227	262	305	348	405	462	519
		LIQUID TEMPERATURE (°F)	58	68	77	87	97	108	118	128
		LIQUID SUBCOOLING (°F)	9	9	9	9	9	9	8	8
		SUCTION PRESSURE (PSIG)	128	130	132	135	137	142	147	151
		SUCTION TEMPERATURE (°F)	61	60	59	60	60	62	65	67
		SUCTION SUPERHEAT (°F)	18	16	13	12	12	12	12	12
		OUTDOOR UNIT CURRENT (A)	8.8	9.7	10.7	11.7	12.7	14.9	17.2	19.5
		COMPRESSOR CURRENT (A)	7.3	8.4	9.4	11	12.5	14.6	16.7	18.8
		INDOOR COIL TEMP DROP (°F)	24	24	24	23	23	21	20	19

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YHG48B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/67	1350	LIQUID PRESSURE (PSIG)	192	226	261	304	348	404	460	515
		LIQUID TEMPERATURE (°F)	57	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	9	9	9	9	9	9	9	9
		SUCTION PRESSURE (PSIG)	130	133	136	139	141	144	147	149
		SUCTION TEMPERATURE (°F)	63	62	61	62	62	64	65	67
		SUCTION SUPERHEAT (°F)	19	16	13	13	13	13	13	13
		OUTDOOR UNIT CURRENT (A)	8.8	9.7	10.7	12.2	13.6	15.6	17.5	19.5
		COMPRESSOR CURRENT (A)	7.3	8.4	9.4	10.5	11.5	13.6	15.7	17.8
		INDOOR COIL TEMP DROP (°F)	24	24	24	23	22	21	21	20
	1600	LIQUID PRESSURE (PSIG)	193	227	261	305	349	405	461	516
		LIQUID TEMPERATURE (°F)	58	67	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	10	9	9	9	9	9	9	9
		SUCTION PRESSURE (PSIG)	133	137	140	142	145	148	150	153
		SUCTION TEMPERATURE (°F)	67	65	63	64	65	66	67	68
		SUCTION SUPERHEAT (°F)	22	18	14	14	14	13	13	13
		OUTDOOR UNIT CURRENT (A)	8.8	9.7	10.7	12.2	13.6	15.6	17.5	19.5
		COMPRESSOR CURRENT (A)	7.3	8.4	9.4	10.7	12	14.1	16.2	18.3
		INDOOR COIL TEMP DROP (°F)	21	22	22	21	20	20	19	19
	1850	LIQUID PRESSURE (PSIG)	193	227	261	305	350	406	462	517
		LIQUID TEMPERATURE (°F)	58	68	77	87	97	107	117	127
		LIQUID SUBCOOLING (°F)	10	10	9	9	9	9	9	9
		SUCTION PRESSURE (PSIG)	136	140	143	146	148	151	154	156
		SUCTION TEMPERATURE (°F)	70	68	66	66	67	67	68	69
		SUCTION SUPERHEAT (°F)	25	20	16	15	14	14	13	13
		OUTDOOR UNIT CURRENT (A)	8.8	9.7	10.7	12.2	13.6	15.6	17.5	19.5
		COMPRESSOR CURRENT (A)	7.3	8.4	9.4	11	12.5	14.6	16.7	18.8
		INDOOR COIL TEMP DROP (°F)	19	19	20	19	19	19	18	18
80/72	1350	LIQUID PRESSURE (PSIG)	193	228	263	307	352	409	466	523
		LIQUID TEMPERATURE (°F)	57	67	77	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	10	10	9	9	9	9	9	9
		SUCTION PRESSURE (PSIG)	136	142	147	150	153	156	159	162
		SUCTION TEMPERATURE (°F)	72	70	68	68	68	69	71	72
		SUCTION SUPERHEAT (°F)	27	21	16	14	13	13	14	14
		OUTDOOR UNIT CURRENT (A)	8.8	9.7	10.7	12.2	13.6	15.6	17.5	19.5
		COMPRESSOR CURRENT (A)	7.3	8.4	9.4	11	12.5	14.6	16.7	18.8
		INDOOR COIL TEMP DROP (°F)	18	18	19	18	18	17	17	16
	1600	LIQUID PRESSURE (PSIG)	194	229	264	308	353	410	467	524
		LIQUID TEMPERATURE (°F)	57	67	77	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	10	10	10	9	9	9	9	9
		SUCTION PRESSURE (PSIG)	138	144	151	154	157	160	162	165
		SUCTION TEMPERATURE (°F)	74	72	70	70	70	71	72	74
		SUCTION SUPERHEAT (°F)	28	23	17	16	14	14	15	15
		OUTDOOR UNIT CURRENT (A)	8.8	9.7	10.7	12.2	13.6	15.6	17.5	19.5
		COMPRESSOR CURRENT (A)	7.3	8.4	9.4	11	12.5	14.6	16.7	18.8
		INDOOR COIL TEMP DROP (°F)	16	16	17	17	16	16	15	14
	1850	LIQUID PRESSURE (PSIG)	194	229	265	309	354	411	468	524
		LIQUID TEMPERATURE (°F)	57	67	77	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	10	10	10	10	9	9	9	9
		SUCTION PRESSURE (PSIG)	139	147	154	157	160	163	165	167
		SUCTION TEMPERATURE (°F)	75	74	72	72	72	73	74	75
		SUCTION SUPERHEAT (°F)	30	24	18	17	16	16	16	16
		OUTDOOR UNIT CURRENT (A)	8.8	9.7	10.7	12.2	13.6	15.6	17.5	19.5
		COMPRESSOR CURRENT (A)	7.3	8.4	9.4	11	12.5	14.6	16.7	18.8
		INDOOR COIL TEMP DROP (°F)	14	14	15	15	15	14	14	13

YHG48B21S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1350	LIQUID PRESSURE (PSIG)	328	299	289	277	241	221
		LIQUID TEMPERATURE (°F)	77	73	70	66	69	81
		LIQUID SUBCOOLING (°F)	26	24	24	25	9	1
		SUCTION PRESSURE (PSIG)	124	104	93	77	60	53
		SUCTION TEMPERATURE (°F)	53	43	36	26	8	3
		SUCTION SUPERHEAT (°F)	11	9	8	7	1	1
		OUTDOOR UNIT CURRENT (A)	13.3	12.5	12.1	11.9	11	10.4
		COMPRESSOR CURRENT (A)	11.1	10.3	10	9.6	8.5	8
		INDOOR COIL TEMP RISE (°F)	36	31	28	24	20	16
	1600	LIQUID PRESSURE (PSIG)	308	284	274	263	234	216
		LIQUID TEMPERATURE (°F)	73	70	68	63	67	75
		LIQUID SUBCOOLING (°F)	25	23	22	24	9	3
		SUCTION PRESSURE (PSIG)	122	103	93	75	60	53
		SUCTION TEMPERATURE (°F)	53	42	36	25	9	3
		SUCTION SUPERHEAT (°F)	11	9	8	7	2	1
		OUTDOOR UNIT CURRENT (A)	12.7	12	11.6	11.5	10.7	10.4
		COMPRESSOR CURRENT (A)	10.5	9.7	9.5	9.2	8.3	7.8
		INDOOR COIL TEMP RISE (°F)	31	27	25	21	17	14
	1850	LIQUID PRESSURE (PSIG)	289	269	259	250	226	212
		LIQUID TEMPERATURE (°F)	70	67	66	61	64	69
		LIQUID SUBCOOLING (°F)	24	22	21	24	9	5
		SUCTION PRESSURE (PSIG)	120	102	92	73	60	53
		SUCTION TEMPERATURE (°F)	53	42	36	24	10	4
		SUCTION SUPERHEAT (°F)	12	10	9	7	3	1
		OUTDOOR UNIT CURRENT (A)	12	11.5	11.2	11.1	10.5	10.4
		COMPRESSOR CURRENT (A)	9.8	9.2	9	8.8	8.1	7.5
		INDOOR COIL TEMP RISE (°F)	26	23	21	17	15	13
70	1350	LIQUID PRESSURE (PSIG)	373	344	334	319	274	255
		LIQUID TEMPERATURE (°F)	86	81	78	73	83	90
		LIQUID SUBCOOLING (°F)	26	24	25	27	7	1
		SUCTION PRESSURE (PSIG)	126	106	94	77	61	53
		SUCTION TEMPERATURE (°F)	54	43	36	26	9	3
		SUCTION SUPERHEAT (°F)	11	9	8	6	1	1
		OUTDOOR UNIT CURRENT (A)	14.9	14	13.6	13.2	12	11.5
		COMPRESSOR CURRENT (A)	12.7	11.8	11.5	11	9.5	9.1
		INDOOR COIL TEMP RISE (°F)	35	31	28	24	18	15
	1600	LIQUID PRESSURE (PSIG)	352	327	317	305	267	250
		LIQUID TEMPERATURE (°F)	82	79	76	72	79	86
		LIQUID SUBCOOLING (°F)	25	23	23	25	7	2
		SUCTION PRESSURE (PSIG)	125	105	94	77	61	53
		SUCTION TEMPERATURE (°F)	53	42	36	26	9	3
		SUCTION SUPERHEAT (°F)	11	9	8	7	2	1
		OUTDOOR UNIT CURRENT (A)	14.2	13.4	13.1	12.8	11.8	11.4
		COMPRESSOR CURRENT (A)	12	11.2	10.9	10.5	9.3	8.9
		INDOOR COIL TEMP RISE (°F)	31	27	24	20	16	14
	1850	LIQUID PRESSURE (PSIG)	331	309	301	291	260	244
		LIQUID TEMPERATURE (°F)	79	77	75	70	75	83
		LIQUID SUBCOOLING (°F)	23	21	21	23	8	3
		SUCTION PRESSURE (PSIG)	123	103	93	76	61	54
		SUCTION TEMPERATURE (°F)	53	41	36	26	9	4
		SUCTION SUPERHEAT (°F)	11	8	8	7	2	1
		OUTDOOR UNIT CURRENT (A)	13.4	12.8	12.5	12.3	11.6	11.3
		COMPRESSOR CURRENT (A)	11.2	10.6	10.4	10.1	9.1	8.6
		INDOOR COIL TEMP RISE (°F)	26	22	21	17	14	12

Continued on next page.

YHG48B21S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1350	LIQUID PRESSURE (PSIG)	417	389	379	362	307	290
		LIQUID TEMPERATURE (°F)	95	90	87	81	97	99
		LIQUID SUBCOOLING (°F)	26	25	27	29	4	1
		SUCTION PRESSURE (PSIG)	128	107	94	77	63	53
		SUCTION TEMPERATURE (°F)	55	44	37	26	9	4
		SUCTION SUPERHEAT (°F)	11	9	8	6	1	1
		OUTDOOR UNIT CURRENT (A)	16.5	15.5	15.1	14.6	13.1	12.7
		COMPRESSOR CURRENT (A)	14.3	13.3	12.9	12.4	10.5	10.2
		INDOOR COIL TEMP RISE (°F)	34	30	27	23	17	15
	1600	LIQUID PRESSURE (PSIG)	395	370	361	346	300	283
		LIQUID TEMPERATURE (°F)	92	88	85	80	92	98
		LIQUID SUBCOOLING (°F)	24	23	24	26	6	1
		SUCTION PRESSURE (PSIG)	127	106	94	78	62	54
		SUCTION TEMPERATURE (°F)	54	42	37	27	9	4
		SUCTION SUPERHEAT (°F)	11	8	8	7	1	1
		OUTDOOR UNIT CURRENT (A)	15.7	14.8	14.5	14.1	12.9	12.4
		COMPRESSOR CURRENT (A)	13.5	12.6	12.3	11.8	10.3	10
		INDOOR COIL TEMP RISE (°F)	30	26	24	20	15	13
	1850	LIQUID PRESSURE (PSIG)	373	350	344	331	293	276
		LIQUID TEMPERATURE (°F)	89	87	84	80	86	96
		LIQUID SUBCOOLING (°F)	23	21	22	23	7	1
		SUCTION PRESSURE (PSIG)	126	104	94	79	62	54
		SUCTION TEMPERATURE (°F)	54	40	37	28	9	4
		SUCTION SUPERHEAT (°F)	11	7	8	8	1	1
		OUTDOOR UNIT CURRENT (A)	14.8	14.1	13.9	13.5	12.7	12.2
		COMPRESSOR CURRENT (A)	12.7	11.9	11.8	11.3	10.1	9.7
		INDOOR COIL TEMP RISE (°F)	25	21	20	17	14	11

FOR USE WITH MODELS WITH TXV:

YHG60B21S
CH6B6021S
TH6B6021S
RHP16L60B21S

YHG60B21S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	194 (8)	195 (7)	197 (7)	201 (8)
60	213 (8)	213 (7)	215 (8)	219 (8)
65	231 (8)	231 (8)	233 (8)	237 (8)
70	249 (8)	249 (8)	250 (8)	255 (8)
75	267 (8)	266 (8)	268 (8)	272 (8)
80	289 (8)	288 (8)	291 (8)	295 (8)
85	311 (8)	310 (8)	313 (8)	317 (8)
90	333 (8)	332 (8)	335 (8)	340 (8)
95	354 (8)	354 (8)	358 (8)	362 (8)
100	382 (8)	382 (8)	386 (8)	391 (8)
105	410 (8)	410 (8)	414 (8)	419 (8)
110	438 (8)	438 (8)	442 (8)	447 (8)
115	466 (8)	466 (8)	470 (8)	475 (8)
120	494 (8)	493 (8)	498 (8)	503 (8)
125	521 (8)	521 (8)	526 (8)	532 (8)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHG60B21S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1500	LIQUID PRESSURE (PSIG)	196	231	267	311	355	410	466	521
		LIQUID TEMPERATURE (°F)	60	70	80	90	100	109	119	129
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	119	120	122	124	127	130	133	136
		SUCTION TEMPERATURE (°F)	50	52	53	55	56	58	60	62
		SUCTION SUPERHEAT (°F)	10	11	12	12	12	13	14	15
		OUTDOOR UNIT CURRENT (A)	11	12.3	13.6	15.3	17	19.5	22	24.4
		COMPRESSOR CURRENT (A)	9	10.3	11.6	13.4	15.1	17.6	20.1	22.6
		INDOOR COIL TEMP DROP (°F)	25	24	24	23	23	22	21	20
	2000	LIQUID PRESSURE (PSIG)	197	232	267	311	356	411	467	522
		LIQUID TEMPERATURE (°F)	60	70	80	90	100	110	119	129
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	122	124	125	128	131	133	136	138
		SUCTION TEMPERATURE (°F)	52	53	54	56	57	59	61	63
		SUCTION SUPERHEAT (°F)	11	11	12	12	12	13	14	15
		OUTDOOR UNIT CURRENT (A)	11.1	12.3	13.6	15.3	17.1	19.5	22	24.5
		COMPRESSOR CURRENT (A)	9.1	10.4	11.7	13.4	15.2	17.6	20.1	22.6
		INDOOR COIL TEMP DROP (°F)	23	23	22	22	21	20	20	19
	1750	LIQUID PRESSURE (PSIG)	198	233	268	312	356	412	468	523
		LIQUID TEMPERATURE (°F)	61	70	80	90	100	110	120	129
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	126	127	128	131	134	136	139	141
		SUCTION TEMPERATURE (°F)	54	55	56	57	59	61	62	64
		SUCTION SUPERHEAT (°F)	11	11	11	12	12	13	14	15
		OUTDOOR UNIT CURRENT (A)	11.1	12.4	13.6	15.3	17.1	19.5	22	24.5
		COMPRESSOR CURRENT (A)	9.1	10.4	11.7	13.4	15.2	17.7	20.2	22.6
		INDOOR COIL TEMP DROP (°F)	21	21	20	20	20	19	18	17

Continued on next page.

YHG60B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/57	1500	LIQUID PRESSURE (PSIG)	193	229	265	309	353	409	464	520
		LIQUID TEMPERATURE (°F)	59	69	80	89	99	109	119	129
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	110	113	115	119	123	127	131	135
		SUCTION TEMPERATURE (°F)	46	47	48	51	53	56	58	61
		SUCTION SUPERHEAT (°F)	9	10	10	10	11	12	13	14
		OUTDOOR UNIT CURRENT (A)	11	12.2	13.5	15.2	17	19.5	21.9	24.4
		COMPRESSOR CURRENT (A)	9	10.3	11.5	13.3	15.1	17.6	20	22.5
		INDOOR COIL TEMP DROP (°F)	33	32	31	30	29	27	26	24
	2000	LIQUID PRESSURE (PSIG)	194	231	267	311	354	410	466	521
		LIQUID TEMPERATURE (°F)	60	70	80	90	100	110	119	129
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	116	118	120	124	128	132	136	140
		SUCTION TEMPERATURE (°F)	48	50	51	53	55	58	60	63
		SUCTION SUPERHEAT (°F)	9	10	10	11	11	12	13	14
		OUTDOOR UNIT CURRENT (A)	11	12.3	13.6	15.3	17.1	19.5	22	24.4
		COMPRESSOR CURRENT (A)	9	10.3	11.6	13.4	15.2	17.6	20.1	22.5
		INDOOR COIL TEMP DROP (°F)	30	29	28	27	26	25	23	22
	1750	LIQUID PRESSURE (PSIG)	196	232	268	312	356	411	467	522
		LIQUID TEMPERATURE (°F)	61	70	80	90	100	110	120	129
		LIQUID SUBCOOLING (°F)	7	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	122	124	125	129	134	137	141	145
		SUCTION TEMPERATURE (°F)	51	52	54	56	58	60	63	65
		SUCTION SUPERHEAT (°F)	10	10	11	11	11	12	13	14
		OUTDOOR UNIT CURRENT (A)	11	12.3	13.6	15.4	17.1	19.6	22	24.4
		COMPRESSOR CURRENT (A)	9	10.4	11.7	13.5	15.2	17.7	20.1	22.5
		INDOOR COIL TEMP DROP (°F)	27	26	25	24	24	22	21	20
80/62	1500	LIQUID PRESSURE (PSIG)	194	230	266	310	353	409	464	520
		LIQUID TEMPERATURE (°F)	60	70	80	90	100	109	119	129
		LIQUID SUBCOOLING (°F)	7	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	119	120	122	125	128	131	134	136
		SUCTION TEMPERATURE (°F)	51	52	53	54	56	58	60	62
		SUCTION SUPERHEAT (°F)	11	11	11	11	12	12	13	14
		OUTDOOR UNIT CURRENT (A)	11	12.3	13.5	15.3	17	19.5	21.9	24.4
		COMPRESSOR CURRENT (A)	9	10.3	11.6	13.3	15.1	17.6	20	22.5
		INDOOR COIL TEMP DROP (°F)	29	28	28	27	27	26	25	24
	2000	LIQUID PRESSURE (PSIG)	195	231	266	310	354	410	466	521
		LIQUID TEMPERATURE (°F)	60	70	80	90	100	110	120	129
		LIQUID SUBCOOLING (°F)	7	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	122	124	125	128	131	134	138	141
		SUCTION TEMPERATURE (°F)	53	53	54	56	57	59	61	63
		SUCTION SUPERHEAT (°F)	11	11	11	12	12	13	13	14
		OUTDOOR UNIT CURRENT (A)	11	12.3	13.6	15.3	17.1	19.5	22	24.4
		COMPRESSOR CURRENT (A)	9	10.3	11.6	13.4	15.1	17.6	20.1	22.5
		INDOOR COIL TEMP DROP (°F)	27	26	26	25	25	24	23	22
	1750	LIQUID PRESSURE (PSIG)	196	231	267	311	355	411	467	522
		LIQUID TEMPERATURE (°F)	61	71	80	90	100	110	120	130
		LIQUID SUBCOOLING (°F)	7	7	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	126	128	129	132	135	138	142	145
		SUCTION TEMPERATURE (°F)	55	55	56	57	59	61	63	65
		SUCTION SUPERHEAT (°F)	11	11	11	12	12	13	13	14
		OUTDOOR UNIT CURRENT (A)	11.1	12.3	13.6	15.3	17.1	19.5	22	24.4
		COMPRESSOR CURRENT (A)	9.1	10.3	11.6	13.4	15.1	17.6	20.1	22.5
		INDOOR COIL TEMP DROP (°F)	25	25	24	24	23	22	21	20

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YHG60B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
80/67	1500	LIQUID PRESSURE (PSIG)	196	232	268	312	357	413	469	525
		LIQUID TEMPERATURE (°F)	61	71	81	90	100	110	120	129
		LIQUID SUBCOOLING (°F)	7	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	129	131	134	136	139	141	144	147
		SUCTION TEMPERATURE (°F)	56	57	58	60	61	63	65	67
		SUCTION SUPERHEAT (°F)	11	11	12	12	13	13	14	15
		OUTDOOR UNIT CURRENT (A)	11.1	12.4	13.6	15.3	17.1	19.6	22	24.5
		COMPRESSOR CURRENT (A)	9.1	10.4	11.7	13.4	15.2	17.7	20.2	22.7
		INDOOR COIL TEMP DROP (°F)	25	24	23	23	22	22	21	20
	2000	LIQUID PRESSURE (PSIG)	197	233	268	313	358	414	470	526
		LIQUID TEMPERATURE (°F)	61	71	81	90	100	110	120	130
		LIQUID SUBCOOLING (°F)	7	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	133	135	137	139	141	144	147	150
		SUCTION TEMPERATURE (°F)	58	59	60	61	62	64	66	68
		SUCTION SUPERHEAT (°F)	12	12	12	13	13	14	14	15
		OUTDOOR UNIT CURRENT (A)	11.2	12.4	13.6	15.4	17.1	19.6	22.1	24.5
		COMPRESSOR CURRENT (A)	9.2	10.4	11.7	13.5	15.2	17.7	20.2	22.7
		INDOOR COIL TEMP DROP (°F)	23	22	22	21	21	20	19	19
	1750	LIQUID PRESSURE (PSIG)	198	233	269	313	358	414	470	526
		LIQUID TEMPERATURE (°F)	61	71	81	90	100	110	120	130
		LIQUID SUBCOOLING (°F)	7	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	136	138	140	142	144	147	150	153
		SUCTION TEMPERATURE (°F)	61	61	62	63	64	66	68	69
		SUCTION SUPERHEAT (°F)	14	13	13	13	13	14	15	15
		OUTDOOR UNIT CURRENT (A)	11.2	12.4	13.7	15.4	17.1	19.6	22.1	24.6
		COMPRESSOR CURRENT (A)	9.2	10.5	11.7	13.5	15.2	17.7	20.2	22.7
		INDOOR COIL TEMP DROP (°F)	21	20	20	20	19	19	18	17
80/72	1500	LIQUID PRESSURE (PSIG)	200	236	272	317	362	418	474	531
		LIQUID TEMPERATURE (°F)	61	71	81	91	101	111	120	130
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	139	142	145	148	150	154	157	160
		SUCTION TEMPERATURE (°F)	63	64	64	65	66	68	70	72
		SUCTION SUPERHEAT (°F)	15	14	13	13	13	14	15	16
		OUTDOOR UNIT CURRENT (A)	11.3	12.5	13.8	15.5	17.3	19.8	22.3	24.7
		COMPRESSOR CURRENT (A)	9.3	10.6	11.9	13.7	15.4	17.9	20.4	22.9
		INDOOR COIL TEMP DROP (°F)	20	19	19	18	17	17	16	16
	2000	LIQUID PRESSURE (PSIG)	201	237	272	317	362	419	475	532
		LIQUID TEMPERATURE (°F)	61	71	81	91	101	111	121	130
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	141	145	148	151	153	156	159	162
		SUCTION TEMPERATURE (°F)	66	66	66	67	67	69	71	73
		SUCTION SUPERHEAT (°F)	16	15	14	13	13	14	15	16
		OUTDOOR UNIT CURRENT (A)	11.3	12.6	13.9	15.6	17.3	19.8	22.3	24.8
		COMPRESSOR CURRENT (A)	9.3	10.7	12	13.7	15.4	17.9	20.5	23
		INDOOR COIL TEMP DROP (°F)	18	18	17	17	16	15	15	14
	1750	LIQUID PRESSURE (PSIG)	201	237	273	318	363	419	476	532
		LIQUID TEMPERATURE (°F)	61	71	82	91	101	111	121	130
		LIQUID SUBCOOLING (°F)	9	8	8	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	142	147	152	154	156	159	162	165
		SUCTION TEMPERATURE (°F)	68	68	68	68	69	71	72	74
		SUCTION SUPERHEAT (°F)	18	16	14	14	14	15	15	16
		OUTDOOR UNIT CURRENT (A)	11.3	12.6	13.9	15.6	17.3	19.8	22.3	24.8
		COMPRESSOR CURRENT (A)	9.4	10.7	12	13.7	15.5	18	20.5	23
		INDOOR COIL TEMP DROP (°F)	16	16	16	15	15	14	14	13

YHG60B21S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1500	LIQUID PRESSURE (PSIG)	362	346	346	330	296	275
		LIQUID TEMPERATURE (°F)	79	71	64	60	59	60
		LIQUID SUBCOOLING (°F)	30	37	45	47	36	30
		SUCTION PRESSURE (PSIG)	127	103	85	69	59	56
		SUCTION TEMPERATURE (°F)	48	38	30	21	11	8
		SUCTION SUPERHEAT (°F)	4	5	6	6	2	2
		OUTDOOR UNIT CURRENT (A)	18.7	17.2	17.2	17.2	15.7	14.7
		COMPRESSOR CURRENT (A)	16.5	15.1	15.1	14	13.4	12.4
		INDOOR COIL TEMP RISE (°F)	44	38	39	28	24	23
	2000	LIQUID PRESSURE (PSIG)	339	326	325	305	283	265
		LIQUID TEMPERATURE (°F)	76	69	63	59	58	58
		LIQUID SUBCOOLING (°F)	27	35	41	42	33	29
		SUCTION PRESSURE (PSIG)	127	102	85	62	58	53
		SUCTION TEMPERATURE (°F)	48	38	30	14	11	5
		SUCTION SUPERHEAT (°F)	4	5	6	3	2	2
		OUTDOOR UNIT CURRENT (A)	17.2	16.1	16.1	16.1	14.7	13.6
		COMPRESSOR CURRENT (A)	15.1	14	14	12.9	12.4	11.3
		INDOOR COIL TEMP RISE (°F)	39	33	31	23	20	19
	1750	LIQUID PRESSURE (PSIG)	316	305	304	282	271	256
		LIQUID TEMPERATURE (°F)	77	69	64	60	58	57
		LIQUID SUBCOOLING (°F)	22	28	32	32	31	28
		SUCTION PRESSURE (PSIG)	132	106	90	58	58	50
		SUCTION TEMPERATURE (°F)	50	39	32	7	12	2
		SUCTION SUPERHEAT (°F)	4	4	5	0	3	2
		OUTDOOR UNIT CURRENT (A)	16	15.7	15.4	14.7	15	14.5
		COMPRESSOR CURRENT (A)	14	13.5	13.2	12.3	12.4	11.5
		INDOOR COIL TEMP RISE (°F)	32	28	24	17	18	16
70	1500	LIQUID PRESSURE (PSIG)	410	395	398	380	327	312
		LIQUID TEMPERATURE (°F)	87	79	72	69	70	69
		LIQUID SUBCOOLING (°F)	30	37	47	48	31	29
		SUCTION PRESSURE (PSIG)	128	104	85	69	61	56
		SUCTION TEMPERATURE (°F)	48	38	31	21	9	5
		SUCTION SUPERHEAT (°F)	3	5	6	8	1	1
		OUTDOOR UNIT CURRENT (A)	20.4	19.3	19.3	19.3	16.8	15.7
		COMPRESSOR CURRENT (A)	18.3	17.3	17.3	16.2	14.4	13.4
		INDOOR COIL TEMP RISE (°F)	43	37	34	27	24	21
	2000	LIQUID PRESSURE (PSIG)	386	370	376	354	315	303
		LIQUID TEMPERATURE (°F)	88	78	73	70	69	67
		LIQUID SUBCOOLING (°F)	23	32	36	36	29	28
		SUCTION PRESSURE (PSIG)	132	103	89	69	61	54
		SUCTION TEMPERATURE (°F)	49	37	32	18	9	3
		SUCTION SUPERHEAT (°F)	2	4	5	4	1	1
		OUTDOOR UNIT CURRENT (A)	18.4	18.2	17.4	17.4	15.7	15.7
		COMPRESSOR CURRENT (A)	16.3	16.2	15.3	14.3	13.4	12.4
		INDOOR COIL TEMP RISE (°F)	36	32	28	21	20	18
	1750	LIQUID PRESSURE (PSIG)	361	344	353	330	304	294
		LIQUID TEMPERATURE (°F)	82	77	71	67	68	66
		LIQUID SUBCOOLING (°F)	26	27	38	37	28	27
		SUCTION PRESSURE (PSIG)	127	103	86	66	61	52
		SUCTION TEMPERATURE (°F)	48	36	31	16	9	1
		SUCTION SUPERHEAT (°F)	4	3	6	5	2	1
		OUTDOOR UNIT CURRENT (A)	18.2	17.2	18.2	17.2	15.7	15.7
		COMPRESSOR CURRENT (A)	16.2	15.1	15.1	15.1	13.4	12.4
		INDOOR COIL TEMP RISE (°F)	32	27	25	19	18	16

Continued on next page.

YHG60B21S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1500	LIQUID PRESSURE (PSIG)	458	445	450	430	358	349
		LIQUID TEMPERATURE (°F)	100	92	84	81	82	79
		LIQUID SUBCOOLING (°F)	27	33	41	42	27	28
		SUCTION PRESSURE (PSIG)	134	109	90	72	64	56
		SUCTION TEMPERATURE (°F)	49	40	33	22	8	2
		SUCTION SUPERHEAT (°F)	2	4	6	7	1	1
		OUTDOOR UNIT CURRENT (A)	21.9	21.5	21.5	20.7	19.1	18.1
		COMPRESSOR CURRENT (A)	19.9	19.4	19.3	18.5	16.2	15.5
		INDOOR COIL TEMP RISE (°F)	40	35	30	25	24	21
	2000	LIQUID PRESSURE (PSIG)	433	414	427	404	348	341
		LIQUID TEMPERATURE (°F)	93	88	79	76	81	78
		LIQUID SUBCOOLING (°F)	29	31	44	43	26	27
		SUCTION PRESSURE (PSIG)	128	104	86	73	64	55
		SUCTION TEMPERATURE (°F)	48	36	32	23	8	1
		SUCTION SUPERHEAT (°F)	3	3	8	9	1	1
		OUTDOOR UNIT CURRENT (A)	21.4	20.4	21.4	20.4	17.8	17.8
		COMPRESSOR CURRENT (A)	19.4	18.3	18.3	18.3	15.5	14.4
		INDOOR COIL TEMP RISE (°F)	37	31	27	23	20	18
	1750	LIQUID PRESSURE (PSIG)	407	384	403	379	338	333
		LIQUID TEMPERATURE (°F)	91	89	79	76	80	77
		LIQUID SUBCOOLING (°F)	26	24	41	38	25	27
		SUCTION PRESSURE (PSIG)	128	104	87	76	64	55
		SUCTION TEMPERATURE (°F)	48	34	32	25	8	1
		SUCTION SUPERHEAT (°F)	4	0	8	10	1	1
		OUTDOOR UNIT CURRENT (A)	20.7	19.6	20.4	19.3	18.1	17.9
		COMPRESSOR CURRENT (A)	18.6	17.4	18.2	17.2	15.4	15.2
		INDOOR COIL TEMP RISE (°F)	32	27	24	20	18	16

FOR USE WITH MODELS WITH TXV:

YHM24B21S
CH16B2421SA
TH16B2421SA

IMPORTANT

The main control must be moved to "H", which will lock it into 100% capacity for charge and operation evaluation before the below numbers will apply.

This data is only applicable when the main control is put on "H". If the main control jumper is not moved to "H" the data will not be applicable. After system evaluation remember to return the jumper to its normal orientation position.

YHM24B21S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	186(3)	202(7)	205(7)	207(7)
60	204(3)	220(7)	222(7)	225(7)
65	223(4)	238(7)	241(7)	244(7)
70	243(4)	256(7)	260(7)	263(7)
75	264(5)	276(7)	279(7)	283(7)
80	286(5)	296(7)	300(7)	304(6)
85	308(5)	317(7)	321(7)	325(6)
90	331(6)	339(7)	343(7)	347(6)
95	355(6)	362(7)	365(6)	370(6)
100	380(6)	385(7)	388(6)	393(6)
105	405(6)	410(7)	412(6)	417(6)
110	432(6)	434(6)	437(6)	441(5)
115	459(6)	460(6)	462(6)	466(5)
120	487(6)	487(6)	489(6)	492(5)
125	515(5)	514(5)	515(5)	518(5)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHM24B21S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	550	LIQUID PRESSURE (PSIG)	200	235	273	315	359	406	457	510
		LIQUID TEMPERATURE (°F)	62	72	83	93	102	111	121	130
		LIQUID SUBCOOLING (°F)	8	8	7	7	7	7	6	6
		SUCTION PRESSURE (PSIG)	109	111	113	116	120	125	131	137
		SUCTION TEMPERATURE (°F)	47	48	50	52	56	59	64	69
		SUCTION SUPERHEAT (°F)	11	11	12	13	15	16	19	21
		OUTDOOR UNIT CURRENT (A)	5.6	6.8	7.7	8.5	9	9.3	9.4	9.2
		COMPRESSOR CURRENT (A)	5.6	6.7	7.7	8.5	9	9.3	9.4	9.2
		INDOOR COIL TEMP DROP (°F)	28	27	27	26	25	24	22	20
	750	LIQUID PRESSURE (PSIG)	202	237	275	317	361	408	459	512
		LIQUID TEMPERATURE (°F)	62	72	83	93	102	111	121	130
		LIQUID SUBCOOLING (°F)	8	8	7	7	7	7	6	6
		SUCTION PRESSURE (PSIG)	115	117	119	122	126	131	137	143
		SUCTION TEMPERATURE (°F)	50	50	52	55	58	61	67	71
		SUCTION SUPERHEAT (°F)	11	11	12	13	15	16	19	21
		OUTDOOR UNIT CURRENT (A)	5.6	6.8	7.7	8.5	9	9.3	9.4	9.2
		COMPRESSOR CURRENT (A)	5.6	6.7	7.7	8.5	9.0	9.3	9.4	9.2
		INDOOR COIL TEMP DROP (°F)	25	24	24	23	22	21	19	17
	950	LIQUID PRESSURE (PSIG)	204	239	277	319	363	410	461	514
		LIQUID TEMPERATURE (°F)	63	73	84	93	103	112	122	130
		LIQUID SUBCOOLING (°F)	8	8	7	7	7	7	6	6
		SUCTION PRESSURE (PSIG)	121	123	125	128	132	137	143	149
		SUCTION TEMPERATURE (°F)	52	53	55	57	61	64	69	74
		SUCTION SUPERHEAT (°F)	11	11	12	13	15	16	19	21
		OUTDOOR UNIT CURRENT (A)	5.6	6.8	7.7	8.5	9	9.3	9.4	9.2
		COMPRESSOR CURRENT (A)	5.6	6.7	7.7	8.5	9.0	9.3	9.4	9.2
		INDOOR COIL TEMP DROP (°F)	22	21	21	20	19	18	16	14

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YHM24B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/57	550	LIQUID PRESSURE (PSIG)	196	231	270	311	356	405	456	511
		LIQUID TEMPERATURE (°F)	61	71	81	91	100	111	120	130
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	7	7	6
		SUCTION PRESSURE (PSIG)	97	98	101	105	111	119	128	139
		SUCTION TEMPERATURE (°F)	40	43	46	50	54	59	64	69
		SUCTION SUPERHEAT (°F)	10	12	14	16	17	19	20	20
		OUTDOOR UNIT CURRENT (A)	5.6	6.8	7.7	8.4	8.9	9.3	9.4	9.3
		COMPRESSOR CURRENT (A)	5.6	6.8	7.7	8.4	8.9	9.2	9.4	9.3
		INDOOR COIL TEMP DROP (°F)	35	35	34	33	31	29	26	23
	750	LIQUID PRESSURE (PSIG)	199	234	273	314	359	408	459	514
		LIQUID TEMPERATURE (°F)	62	73	83	92	102	112	121	131
		LIQUID SUBCOOLING (°F)	7	7	7	7	7	6	6	5
		SUCTION PRESSURE (PSIG)	107	108	111	115	121	129	138	149
		SUCTION TEMPERATURE (°F)	44	46	50	54	57	63	67	72
		SUCTION SUPERHEAT (°F)	9	11	13	15	16	18	19	19
		OUTDOOR UNIT CURRENT (A)	5.6	6.8	7.7	8.4	8.9	9.3	9.4	9.3
		COMPRESSOR CURRENT (A)	5.6	6.8	7.7	8.4	8.9	9.2	9.4	9.3
		INDOOR COIL TEMP DROP (°F)	31	31	30	29	27	25	22	19
	950	LIQUID PRESSURE (PSIG)	202	237	276	317	362	411	462	517
		LIQUID TEMPERATURE (°F)	64	74	85	94	103	114	123	133
		LIQUID SUBCOOLING (°F)	6	6	6	6	6	5	5	4
		SUCTION PRESSURE (PSIG)	117	118	121	125	131	139	148	159
		SUCTION TEMPERATURE (°F)	48	51	54	58	61	67	71	75
		SUCTION SUPERHEAT (°F)	9	11	13	15	16	18	19	19
		OUTDOOR UNIT CURRENT (A)	5.6	6.8	7.7	8.4	8.9	9.3	9.4	9.3
		COMPRESSOR CURRENT (A)	5.6	6.8	7.7	8.4	8.9	9.2	9.4	9.3
		INDOOR COIL TEMP DROP (°F)	27	27	26	25	23	21	18	15
80/62	550	LIQUID PRESSURE (PSIG)	200	236	274	315	360	408	458	512
		LIQUID TEMPERATURE (°F)	62	72	82	92	101	110	120	130
		LIQUID SUBCOOLING (°F)	8	8	8	8	8	8	7	6
		SUCTION PRESSURE (PSIG)	109	109	111	114	119	125	132	141
		SUCTION TEMPERATURE (°F)	45	46	49	51	54	59	64	69
		SUCTION SUPERHEAT (°F)	9	10	12	13	14	16	18	20
		OUTDOOR UNIT CURRENT (A)	5.6	6.8	7.7	8.5	9	9.3	9.4	9.3
		COMPRESSOR CURRENT (A)	5.6	6.7	7.7	8.5	9	9.3	9.4	9.3
		INDOOR COIL TEMP DROP (°F)	32	32	31	30	29	27	25	23
	750	LIQUID PRESSURE (PSIG)	202	238	276	317	362	410	460	514
		LIQUID TEMPERATURE (°F)	63	74	84	93	102	112	121	131
		LIQUID SUBCOOLING (°F)	7	7	7	7	7	7	6	5
		SUCTION PRESSURE (PSIG)	116	116	118	121	126	132	139	148
		SUCTION TEMPERATURE (°F)	48	49	52	54	57	62	67	72
		SUCTION SUPERHEAT (°F)	9	10	12	13	14	16	18	20
		OUTDOOR UNIT CURRENT (A)	5.6	6.8	7.7	8.5	9	9.3	9.4	9.3
		COMPRESSOR CURRENT (A)	5.6	6.7	7.7	8.5	9	9.3	9.4	9.3
		INDOOR COIL TEMP DROP (°F)	29	29	28	27	26	24	22	20
	950	LIQUID PRESSURE (PSIG)	204	240	278	319	364	412	462	516
		LIQUID TEMPERATURE (°F)	65	75	85	94	104	113	123	133
		LIQUID SUBCOOLING (°F)	6	6	6	6	6	6	5	4
		SUCTION PRESSURE (PSIG)	123	123	125	128	133	139	146	155
		SUCTION TEMPERATURE (°F)	51	52	55	57	60	65	69	75
		SUCTION SUPERHEAT (°F)	9	10	12	13	14	16	18	20
		OUTDOOR UNIT CURRENT (A)	5.6	6.8	7.7	8.5	9	9.3	9.4	9.3
		COMPRESSOR CURRENT (A)	5.6	6.7	7.7	8.5	9	9.3	9.4	9.3
		INDOOR COIL TEMP DROP (°F)	26	26	25	24	23	21	19	17

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YHM24B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/67	550	LIQUID PRESSURE (PSIG)	203	239	277	319	363	410	460	513
		LIQUID TEMPERATURE (°F)	64	74	84	93	104	113	121	131
		LIQUID SUBCOOLING (°F)	7	7	7	7	6	6	6	5
		SUCTION PRESSURE (PSIG)	119	121	123	126	131	137	144	152
		SUCTION TEMPERATURE (°F)	51	53	54	56	59	64	68	73
		SUCTION SUPERHEAT (°F)	11	12	12	13	14	16	17	19
		OUTDOOR UNIT CURRENT (A)	5.4	6.7	7.7	8.5	9.1	9.4	9.5	9.3
		COMPRESSOR CURRENT (A)	5.4	6.7	7.7	8.5	9	9.4	9.5	9.3
		INDOOR COIL TEMP DROP (°F)	28	27	27	26	25	24	22	21
	750	LIQUID PRESSURE (PSIG)	205	241	279	321	365	412	462	515
		LIQUID TEMPERATURE (°F)	64	75	84	94	104	113	122	131
		LIQUID SUBCOOLING (°F)	7	7	7	7	6	6	6	5
		SUCTION PRESSURE (PSIG)	124	126	128	131	136	142	149	157
		SUCTION TEMPERATURE (°F)	54	55	56	58	61	66	70	74
		SUCTION SUPERHEAT (°F)	11	12	12	13	14	16	17	19
		OUTDOOR UNIT CURRENT (A)	5.4	6.7	7.7	8.5	9.1	9.4	9.5	9.3
		COMPRESSOR CURRENT (A)	5.4	6.7	7.7	8.5	9	9.4	9.5	9.3
		INDOOR COIL TEMP DROP (°F)	25	24	24	23	22	21	19	18
	950	LIQUID PRESSURE (PSIG)	207	243	281	323	367	414	464	517
		LIQUID TEMPERATURE (°F)	65	75	85	94	104	113	122	132
		LIQUID SUBCOOLING (°F)	7	7	7	7	6	6	6	5
		SUCTION PRESSURE (PSIG)	129	131	133	136	141	147	154	162
		SUCTION TEMPERATURE (°F)	57	58	59	61	64	69	72	77
		SUCTION SUPERHEAT (°F)	12	13	13	14	15	17	18	20
		OUTDOOR UNIT CURRENT (A)	5.4	6.7	7.7	8.5	9.1	9.4	9.5	9.3
		COMPRESSOR CURRENT (A)	5.4	6.7	7.7	8.5	9	9.4	9.5	9.3
		INDOOR COIL TEMP DROP (°F)	22	21	21	20	19	18	16	15
80/72	550	LIQUID PRESSURE (PSIG)	205	242	281	323	368	415	464	516
		LIQUID TEMPERATURE (°F)	64	75	85	95	105	114	123	132
		LIQUID SUBCOOLING (°F)	7	7	7	6	6	6	5	5
		SUCTION PRESSURE (PSIG)	129	131	135	139	143	149	156	164
		SUCTION TEMPERATURE (°F)	59	58	60	62	63	67	70	75
		SUCTION SUPERHEAT (°F)	14	13	13	13	13	14	15	17
		OUTDOOR UNIT CURRENT (A)	5.3	6.6	7.7	8.5	9.1	9.4	9.6	9.4
		COMPRESSOR CURRENT (A)	5.3	6.6	7.7	8.5	9.1	9.4	9.6	9.4
		INDOOR COIL TEMP DROP (°F)	23	22	22	21	20	19	18	16
	750	LIQUID PRESSURE (PSIG)	207	244	283	325	370	417	466	518
		LIQUID TEMPERATURE (°F)	65	75	85	96	105	114	123	132
		LIQUID SUBCOOLING (°F)	7	7	7	6	6	6	5	5
		SUCTION PRESSURE (PSIG)	135	137	141	145	149	155	162	170
		SUCTION TEMPERATURE (°F)	61	61	62	64	66	69	72	77
		SUCTION SUPERHEAT (°F)	14	13	13	13	13	14	15	17
		OUTDOOR UNIT CURRENT (A)	5.3	6.6	7.7	8.5	9.1	9.4	9.6	9.4
		COMPRESSOR CURRENT (A)	5.3	6.6	7.7	8.5	9.1	9.4	9.6	9.4
		INDOOR COIL TEMP DROP (°F)	20	19	19	18	17	16	15	13
	950	LIQUID PRESSURE (PSIG)	209	246	285	327	372	419	468	520
		LIQUID TEMPERATURE (°F)	66	76	86	96	105	114	124	132
		LIQUID SUBCOOLING (°F)	7	7	7	6	6	6	5	5
		SUCTION PRESSURE (PSIG)	141	143	147	151	155	161	168	176
		SUCTION TEMPERATURE (°F)	64	64	66	67	69	72	75	80
		SUCTION SUPERHEAT (°F)	15	14	14	14	14	15	16	18
		OUTDOOR UNIT CURRENT (A)	5.3	6.6	7.7	8.5	9.1	9.4	9.6	9.4
		COMPRESSOR CURRENT (A)	5.3	6.6	7.7	8.5	9.1	9.4	9.6	9.4
		INDOOR COIL TEMP DROP (°F)	17	16	16	15	14	13	12	10

YHM24B21S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	**47**	**40**	**30**	**17**	**10**
60	550	SUCTION PRESS (PSIG)	129	103	91	39	20	33
		SUCTION TEMP (F)	145	33	27	-8	-28	-13
		SUCTION SUPERHEAT (F)	14	14	13	22	24	12
		LIQUID SUBCOOLING (F)	17	22	24	26	28	28
		LIQUID PRESS (PSIG)	385	352	335	250	217	236
		LIQUID TEMP(F)	97	85	80	58	47	53
		ID AIR DB TEMP. RISE	44	38	35	18	11	15
		TOTAL / COMPR. AMPS	10 / 10	9 / 9	9 / 9	7 / 7	6 / 6	7 / 7
	750	SUCTION PRESS (PSIG)	127	102	89	37	24	41
		SUCTION TEMP (F)	44	33	26	13	2	-7
		SUCTION SUPERHEAT (F)	15	14	13	23	20	11
		LIQUID SUBCOOLING (F)	15	19	21	23	25	27
		LIQUID PRESS (PSIG)	345	318	302	234	212	234
		LIQUID TEMP(F)	90	80	75	56	48	53
		ID AIR DB TEMP. RISE	36	31	28	14	9	14
		TOTAL / COMPR. AMPS	9 / 9	9 / 9	8 / 8	7 / 7	6 / 6	7 / 7
	950	SUCTION PRESS (PSIG)	125	102	87	36	27	49
		SUCTION TEMP (F)	43	32	25	-11	-20	0
		SUCTION SUPERHEAT (F)	16	14	13	23	15	11
		LIQUID SUBCOOLING (F)	13	16	18	20	23	26
		LIQUID PRESS (PSIG)	304	284	270	217	207	233
		LIQUID TEMP(F)	84	76	71	55	49	53
		ID AIR DB TEMP. RISE	28	24	21	10	8	13
		TOTAL / COMPR. AMPS	8 / 8	8 / 8	8 / 8	6 / 6	6 / 6	7 / 7
70	550	SUCTION PRESS (PSIG)	130	103	89	42	28	42
		SUCTION TEMP (F)	45	33	26	14	-19	-6
		SUCTION SUPERHEAT (F)	14	14	13	19	21	12
		LIQUID SUBCOOLING (F)	19	24	24	28	31	31
		LIQUID PRESS (PSIG)	427	394	368	292	266	291
		LIQUID TEMP(F)	103	92	86	66	57	62
		ID AIR DB TEMP. RISE	43	37	33	18	13	18
		TOTAL / COMPR. AMPS	11 / 11	10 / 10	9 / 9	8 / 8	7 / 7	8 / 8
	750	SUCTION PRESS (PSIG)	128	103	88	48	27	46
		SUCTION TEMP (F)	44	33	25	-1	-20	-3
		SUCTION SUPERHEAT (F)	15	14	13	18	20	11
		LIQUID SUBCOOLING (F)	17	21	21	25	29	30
		LIQUID PRESS (PSIG)	386	359	336	282	254	280
		LIQUID TEMP(F)	97	87	82	67	55	61
		ID AIR DB TEMP. RISE	35	30	26	16	10	15
		TOTAL / COMPR. AMPS	10 / 10	9 / 9	9 / 9	8 / 8	7 / 7	8 / 7
	950	SUCTION PRESS (PSIG)	127	102	86	54	26	49
		SUCTION TEMP (F)	44	33	24	2	-21	1
		SUCTION SUPERHEAT (F)	15	14	13	18	19	11
		LIQUID SUBCOOLING (F)	14	18	18	21	27	28
		LIQUID PRESS (PSIG)	345	325	305	273	242	270
		LIQUID TEMP(F)	91	83	78	67	54	61
		ID AIR DB TEMP. RISE	27	23	20	13	8	13
		TOTAL / COMPR. AMPS	9 / 9	8 / 10	8 / 8	8 / 8	7 / 7	7 / 7

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YHM24B21S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	550	SUCTION PRESS (PSIG)	130	104	87	46	36	51
		SUCTION TEMP (F)	45	34	25	-2	-11	2
		SUCTION SUPERHEAT (F)	14	14	13	17	18	12
		LIQUID SUBCOOLING (F)	20	25	24	30	33	35
		LIQUID PRESS (PSIG)	470	437	401	334	316	346
		LIQUID TEMP(F)	109	98	93	73	66	71
		ID AIR DB TEMP. RISE	41	35	30	18	15	20
		TOTAL / COMPR. AMPS	12 / 12	11 / 11	10 / 10	8 / 8	8 / 8	8 / 8
	750	SUCTION PRESS (PSIG)	129	104	86	59	30	50
		SUCTION TEMP (F)	145	33	24	7	-17	1
		SUCTION SUPERHEAT (F)	14	14	13	14	20	12
		LIQUID SUBCOOLING (F)	18	23	21	26	32	32
		LIQUID PRESS (PSIG)	428	401	370	331	296	326
		LIQUID TEMP(F)	104	94	90	77	63	70
		ID AIR DB TEMP. RISE	33	29	24	17	11	16
		TOTAL / COMPR. AMPS	11 / 11	10 / 10	9 / 9	8 / 8	7 / 7	8 / 8
	950	SUCTION PRESS (PSIG)	128	103	85	71	24	50
		SUCTION TEMP (F)	44	33	24	16	-23	1
		SUCTION SUPERHEAT (F)	15	14	12	12	22	12
		LIQUID SUBCOOLING (F)	16	21	19	22	31	29
		LIQUID PRESS (PSIG)	386	365	339	328	277	306
		LIQUID TEMP(F)	98	89	86	80	60	68
		ID AIR DB TEMP. RISE	26	22	18	16	7	12
		TOTAL / COMPR. AMPS	10 / 10	10 / 10	9 / 9	9 / 9	7 / 7	8 / 8

FOR USE WITH MODELS WITH TXV:

YHM36B21S
CH16B3621SA
TH16B3621SA

IMPORTANT

The main control must be moved to "H", which will lock it into 100% capacity for charge and operation evaluation before the below numbers will apply.

This data is only applicable when the main control is put on "H". If the main control jumper is not moved to "H" the data will not be applicable. After system evaluation remember to return the jumper to its normal orientation position.

YHM36B21S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	218(4)	225(9)	233(11)	238(11)
60	231(4)	240(9)	248(10)	254(11)
65	246(3)	256(9)	265(10)	271(11)
70	262(3)	273(8)	282(10)	288(11)
75	279(2)	291(8)	300(10)	306(11)
80	297(2)	309(8)	319(9)	325(11)
85	317(2)	329(7)	339(9)	345(10)
90	338(2)	349(7)	359(9)	365(10)
95	360(1)	370(6)	381(8)	386(10)
100	383(1)	392(6)	403(8)	408(10)
105	408(1)	415(5)	425(8)	431(10)
110	434(1)	438(5)	449(8)	454(9)
115	462(1)	463(5)	473(7)	478(9)
120	490(1)	488(4)	499(7)	502(9)
125	520(1)	514(4)	525(7)	528(8)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHM36B21S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1000	LIQUID PRESSURE (PSIG)	225	258	294	332	372	414	458	505
		LIQUID TEMPERATURE (°F)	68	77	86	95	105	114	124	134
		LIQUID SUBCOOLING (°F)	9	9	9	8	6	5	3	1
		SUCTION PRESSURE (PSIG)	116	115	116	119	125	133	143	156
		SUCTION TEMPERATURE (°F)	42	42	42	43	45	48	51	55
		SUCTION SUPERHEAT (°F)	3	3	3	3	2	2	1	1
		OUTDOOR UNIT CURRENT (A)	7.5	10.1	11.9	13	13.4	13	11.9	10.1
		COMPRESSOR CURRENT (A)	7.5	10.1	11.9	13	13.4	13	11.9	10.1
		INDOOR COIL TEMP DROP (°F)	24	24	24	23	22	20	18	15
	1200	LIQUID PRESSURE (PSIG)	227	260	296	334	374	416	460	507
		LIQUID TEMPERATURE (°F)	68	77	85	95	105	114	123	133
		LIQUID SUBCOOLING (°F)	10	10	10	9	7	6	4	2
		SUCTION PRESSURE (PSIG)	119	118	119	122	128	136	146	159
		SUCTION TEMPERATURE (°F)	43	43	43	45	46	49	52	56
		SUCTION SUPERHEAT (°F)	3	3	3	3	2	2	1	1
		OUTDOOR UNIT CURRENT (A)	7.6	10.2	12	13.1	13.5	13.1	12	10.2
		COMPRESSOR CURRENT (A)	7.6	10.2	12	13.1	13.5	13.1	12.0	10.2
		INDOOR COIL TEMP DROP (°F)	22	22	22	21	20	18	16	13
	1400	LIQUID PRESSURE (PSIG)	229	262	298	336	376	418	462	509
		LIQUID TEMPERATURE (°F)	74	83	92	101	111	120	128	135
		LIQUID SUBCOOLING (°F)	4	4	4	3	1	0	0	0
		SUCTION PRESSURE (PSIG)	122	121	122	125	131	139	149	162
		SUCTION TEMPERATURE (°F)	45	44	45	46	47	51	54	57
		SUCTION SUPERHEAT (°F)	3	3	3	3	2	2	1	1
		OUTDOOR UNIT CURRENT (A)	7.7	10.3	12.1	13.2	13.6	13.2	12.1	10.3
		COMPRESSOR CURRENT (A)	7.7	10.3	12.1	13.2	13.6	13.2	12.1	10.3
		INDOOR COIL TEMP DROP (°F)	20	20	20	19	18	16	14	11

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YHM36B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/57	1000	LIQUID PRESSURE (PSIG)	214	242	275	313	356	404	458	516
		LIQUID TEMPERATURE (°F)	72	81	90	99	108	118	127	137
		LIQUID SUBCOOLING (°F)	2	1	0	0	0	0	0	0
		SUCTION PRESSURE (PSIG)	108	108	110	115	121	130	141	155
		SUCTION TEMPERATURE (°F)	36	36	37	40	42	46	50	56
		SUCTION SUPERHEAT (°F)	1	1	1	1	1	1	1	1
		OUTDOOR UNIT CURRENT (A)	7.4	9.5	11.2	12.4	13.2	13.4	13.3	12.6
		COMPRESSOR CURRENT (A)	7.4	9.5	11.2	12.4	13.2	13.4	13.3	12.6
		INDOOR COIL TEMP DROP (°F)	31	31	31	30	28	26	23	19
	1200	LIQUID PRESSURE (PSIG)	218	246	279	317	360	408	462	520
		LIQUID TEMPERATURE (°F)	71	80	89	98	108	117	127	136
		LIQUID SUBCOOLING (°F)	4	3	2	2	1	1	1	1
		SUCTION PRESSURE (PSIG)	113	113	115	120	126	135	146	160
		SUCTION TEMPERATURE (°F)	39	39	40	42	44	48	52	58
		SUCTION SUPERHEAT (°F)	1	1	1	1	1	1	1	1
		OUTDOOR UNIT CURRENT (A)	7.5	9.6	11.3	12.5	13.3	13.5	13.4	12.7
		COMPRESSOR CURRENT (A)	7.5	9.6	11.3	12.5	13.3	13.5	13.4	12.7
		INDOOR COIL TEMP DROP (°F)	28	28	28	27	25	23	20	16
	1400	LIQUID PRESSURE (PSIG)	222	250	283	321	364	412	466	524
		LIQUID TEMPERATURE (°F)	74	83	92	101	110	119	128	138
		LIQUID SUBCOOLING (°F)	2	1	1	1	1	1	1	1
		SUCTION PRESSURE (PSIG)	118	118	120	125	131	140	151	165
		SUCTION TEMPERATURE (°F)	41	41	42	44	46	50	54	59
		SUCTION SUPERHEAT (°F)	1	1	1	1	1	1	1	1
		OUTDOOR UNIT CURRENT (A)	7.6	9.7	11.4	12.6	13.4	13.6	13.5	12.8
		COMPRESSOR CURRENT (A)	7.6	9.7	11.4	12.6	13.4	13.6	13.5	12.8
		INDOOR COIL TEMP DROP (°F)	25	25	25	24	22	20	17	13
80/62	1000	LIQUID PRESSURE (PSIG)	222	253	288	326	367	412	460	511
		LIQUID TEMPERATURE (°F)	68	77	86	96	105	115	123	133
		LIQUID SUBCOOLING (°F)	8	8	7	6	5	4	4	3
		SUCTION PRESSURE (PSIG)	116	114	115	118	125	135	148	164
		SUCTION TEMPERATURE (°F)	41	40	41	41	44	48	53	59
		SUCTION SUPERHEAT (°F)	2	2	2	1	1	1	1	1
		OUTDOOR UNIT CURRENT (A)	7.5	10	11.8	12.9	13.3	13	11.9	10.2
		COMPRESSOR CURRENT (A)	7.5	10	11.8	12.9	13.3	13	11.9	10.2
		INDOOR COIL TEMP DROP (°F)	27	28	29	28	26	24	21	16
	1200	LIQUID PRESSURE (PSIG)	225	256	291	329	370	415	463	514
		LIQUID TEMPERATURE (°F)	68	76	86	96	105	115	123	132
		LIQUID SUBCOOLING (°F)	9	9	8	7	6	5	5	4
		SUCTION PRESSURE (PSIG)	119	117	118	121	128	138	151	167
		SUCTION TEMPERATURE (°F)	42	41	42	42	45	49	54	60
		SUCTION SUPERHEAT (°F)	2	2	2	1	1	1	1	1
		OUTDOOR UNIT CURRENT (A)	7.6	10.1	11.9	13	13.4	13.1	12	10.3
		COMPRESSOR CURRENT (A)	7.6	10.1	11.9	13	13.4	13.1	12	10.3
		INDOOR COIL TEMP DROP (°F)	25	26	27	26	24	22	19	14
	1400	LIQUID PRESSURE (PSIG)	228	259	294	332	373	418	466	517
		LIQUID TEMPERATURE (°F)	76	84	94	103	112	120	128	137
		LIQUID SUBCOOLING (°F)	2	2	1	0	0	0	0	0
		SUCTION PRESSURE (PSIG)	122	120	121	124	131	141	154	170
		SUCTION TEMPERATURE (°F)	44	43	43	44	46	50	55	61
		SUCTION SUPERHEAT (°F)	2	2	2	1	1	1	1	1
		OUTDOOR UNIT CURRENT (A)	7.7	10.2	12	13.1	13.5	13.2	12.1	10.4
		COMPRESSOR CURRENT (A)	7.7	10.2	12	13.1	13.5	13.2	12.1	10.4
		INDOOR COIL TEMP DROP (°F)	23	24	25	24	22	20	17	12

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YHM36B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
80/67	1000	LIQUID PRESSURE (PSIG)	232	264	299	338	380	424	472	524
		LIQUID TEMPERATURE (°F)	68	78	86	96	105	113	122	131
		LIQUID SUBCOOLING (°F)	11	10	10	9	8	8	7	7
		SUCTION PRESSURE (PSIG)	127	126	127	130	134	141	150	161
		SUCTION TEMPERATURE (°F)	47	47	48	49	51	53	57	60
		SUCTION SUPERHEAT (°F)	3	4	4	4	4	4	4	3
		OUTDOOR UNIT CURRENT (A)	7.7	10.3	12.1	13.3	13.7	13.4	12.3	10.5
		COMPRESSOR CURRENT (A)	7.7	10.3	12.1	13.3	13.7	13.4	12.3	10.5
		INDOOR COIL TEMP DROP (°F)	23	23	23	23	22	20	19	16
	1200	LIQUID PRESSURE (PSIG)	233	265	300	339	381	425	473	525
		LIQUID TEMPERATURE (°F)	68	78	86	96	105	113	123	131
		LIQUID SUBCOOLING (°F)	11	10	10	9	8	8	7	7
		SUCTION PRESSURE (PSIG)	130	129	130	133	137	144	153	164
		SUCTION TEMPERATURE (°F)	49	50	50	51	53	56	59	62
		SUCTION SUPERHEAT (°F)	4	5	5	5	5	5	5	4
		OUTDOOR UNIT CURRENT (A)	7.7	10.3	12.1	13.3	13.7	13.4	12.3	10.5
		COMPRESSOR CURRENT (A)	7.7	10.3	12.1	13.3	13.7	13.4	12.3	10.5
		INDOOR COIL TEMP DROP (°F)	21	21	21	21	20	18	17	14
	1400	LIQUID PRESSURE (PSIG)	234	266	301	340	382	426	474	526
		LIQUID TEMPERATURE (°F)	78	87	95	105	113	122	130	138
		LIQUID SUBCOOLING (°F)	2	1	1	1	1	1	1	1
		SUCTION PRESSURE (PSIG)	133	132	133	136	140	147	156	167
		SUCTION TEMPERATURE (°F)	51	52	52	53	55	58	61	64
		SUCTION SUPERHEAT (°F)	5	6	6	6	6	6	6	5
		OUTDOOR UNIT CURRENT (A)	7.7	10.3	12.1	13.3	13.7	13.4	12.3	10.5
		COMPRESSOR CURRENT (A)	7.7	10.3	12.1	13.3	13.7	13.4	12.3	10.5
		INDOOR COIL TEMP DROP (°F)	19	19	19	19	18	16	15	12
80/72	1000	LIQUID PRESSURE (PSIG)	237	270	305	344	385	430	477	527
		LIQUID TEMPERATURE (°F)	69	78	86	96	104	112	121	130
		LIQUID SUBCOOLING (°F)	11	11	11	10	10	10	9	8
		SUCTION PRESSURE (PSIG)	139	138	139	142	147	155	165	177
		SUCTION TEMPERATURE (°F)	57	55	56	57	59	61	64	68
		SUCTION SUPERHEAT (°F)	8	7	7	7	7	6	6	6
		OUTDOOR UNIT CURRENT (A)	7.6	10.3	12.3	13.5	13.9	13.5	12.4	10.5
		COMPRESSOR CURRENT (A)	7.6	10.3	12.3	13.5	13.9	13.5	12.4	10.5
		INDOOR COIL TEMP DROP (°F)	18	18	18	18	17	15	14	12
	1200	LIQUID PRESSURE (PSIG)	238	271	306	345	386	431	478	528
		LIQUID TEMPERATURE (°F)	70	78	87	96	104	112	121	130
		LIQUID SUBCOOLING (°F)	11	11	11	10	10	10	9	8
		SUCTION PRESSURE (PSIG)	143	142	143	146	151	159	169	181
		SUCTION TEMPERATURE (°F)	58	57	57	58	60	62	66	70
		SUCTION SUPERHEAT (°F)	8	7	7	7	7	6	6	6
		OUTDOOR UNIT CURRENT (A)	7.6	10.3	12.3	13.5	13.9	13.5	12.4	10.5
		COMPRESSOR CURRENT (A)	7.6	10.3	12.3	13.5	13.9	13.5	12.4	10.5
		INDOOR COIL TEMP DROP (°F)	16	16	16	16	15	13	12	10
	1400	LIQUID PRESSURE (PSIG)	239	272	307	346	387	432	479	529
		LIQUID TEMPERATURE (°F)	75	84	92	101	109	118	127	136
		LIQUID SUBCOOLING (°F)	6	6	6	5	5	5	4	3
		SUCTION PRESSURE (PSIG)	147	146	147	150	155	163	173	185
		SUCTION TEMPERATURE (°F)	60	58	59	60	62	64	67	71
		SUCTION SUPERHEAT (°F)	8	7	7	7	7	6	6	6
		OUTDOOR UNIT CURRENT (A)	7.6	10.3	12.3	13.5	13.9	13.5	12.4	10.5
		COMPRESSOR CURRENT (A)	7.6	10.3	12.3	13.5	13.9	13.5	12.4	10.5
		INDOOR COIL TEMP DROP (°F)	14	14	14	14	13	11	10	8

YHM36B21S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	**47**	**40**	**30**	**17**	**10**
60	1000	SUCTION PRESS (PSIG)	112	101	91	76	60	39
		SUCTION TEMP (F)	181	145	141	136	128	100
		SUCTION SUPERHEAT (F)	14	11	11	12	12	11
		LIQUID SUBCOOLING (F)	21	21	22	24	27	25
		LIQUID PRESS (PSIG)	433	332	319	301	276	241
		LIQUID TEMP(F)	102	82	79	72	64	56
		ID AIR DB TEMP. RISE	48	31	29	25	21	15
		TOTAL / COMPR. AMPS	22 / 22	12 / 12	11 / 11	11 / 11	10 / 10	9 / 9
	1200	SUCTION PRESS (PSIG)	111	101	90	76	59	43
		SUCTION TEMP (F)	174	139	136	132	125	105
		SUCTION SUPERHEAT (F)	14	11	11	11	12	11
		LIQUID SUBCOOLING (F)	20	20	21	23	26	25
		LIQUID PRESS (PSIG)	401	313	302	286	265	239
		LIQUID TEMP(F)	97	79	76	69	62	56
		ID AIR DB TEMP. RISE	42	27	25	22	18	14
		TOTAL / COMPR. AMPS	21 / 21	11 / 11	11 / 11	10 / 10	10 / 10	9 / 9
	1400	SUCTION PRESS (PSIG)	111	100	89	75	59	48
		SUCTION TEMP (F)	166	134	131	127	122	109
		SUCTION SUPERHEAT (F)	13	10	11	11	11	11
		LIQUID SUBCOOLING (F)	19	19	20	22	25	25
		LIQUID PRESS (PSIG)	368	295	284	271	253	237
		LIQUID TEMP(F)	92	76	73	67	60	56
		ID AIR DB TEMP. RISE	36	23	21	19	15	13
		TOTAL / COMPR. AMPS	20 / 20	11 / 11	10 / 10	10 / 10	9 / 9	9 / 9
70	1000	SUCTION PRESS (PSIG)	114	103	92	77	60	44
		SUCTION TEMP (F)	189	156	152	147	140	118
		SUCTION SUPERHEAT (F)	15	12	13	13	13	13
		LIQUID SUBCOOLING (F)	21	21	23	25	28	28
		LIQUID PRESS (PSIG)	473	377	363	343	317	288
		LIQUID TEMP(F)	109	91	87	80	72	65
		ID AIR DB TEMP. RISE	46	30	28	24	20	15
		TOTAL / COMPR. AMPS	23 / 23	13 / 13	12 / 12	12 / 12	11 / 11	10 / 10
	1200	SUCTION PRESS (PSIG)	113	102	91	77	60	47
		SUCTION TEMP (F)	182	151	148	143	136	120
		SUCTION SUPERHEAT (F)	15	12	12	13	13	12
		LIQUID SUBCOOLING (F)	20	21	22	24	27	27
		LIQUID PRESS (PSIG)	443	357	345	327	304	283
		LIQUID TEMP(F)	104	88	84	78	70	65
		ID AIR DB TEMP. RISE	40	26	24	21	17	14
		TOTAL / COMPR. AMPS	22 / 22	12 / 12	12 / 12	11 / 11	10 / 10	10 / 10
	1400	SUCTION PRESS (PSIG)	112	101	91	76	60	49
		SUCTION TEMP (F)	176	146	143	139	133	122
		SUCTION SUPERHEAT (F)	14	11	12	12	13	12
		LIQUID SUBCOOLING (F)	19	20	21	23	26	27
		LIQUID PRESS (PSIG)	413	337	326	311	292	278
		LIQUID TEMP(F)	100	84	82	75	69	64
		ID AIR DB TEMP. RISE	35	22	21	18	15	12
		TOTAL / COMPR. AMPS	21 / 21	11 / 13	11 / 11	11 / 11	10 / 10	10 / 10

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YHM36B21S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1000	SUCTION PRESS (PSIG)	116	104	93	78	60	49
		SUCTION TEMP (F)	196	167	164	159	151	136
		SUCTION SUPERHEAT (F)	16	13	14	14	14	14
		LIQUID SUBCOOLING (F)	21	21	23	25	28	30
		LIQUID PRESS (PSIG)	513	422	407	385	357	336
		LIQUID TEMP(F)	115	100	95	89	80	74
		ID AIR DB TEMP. RISE	43	30	27	24	19	16
		TOTAL / COMPR. AMPS	23 / 23	14 / 14	13 / 13	12 / 12	11 / 11	11 / 11
	1200	SUCTION PRESS (PSIG)	115	103	93	77	60	50
		SUCTION TEMP (F)	191	162	159	154	147	136
		SUCTION SUPERHEAT (F)	15	13	13	14	14	13
		LIQUID SUBCOOLING (F)	20	21	22	24	27	29
		LIQUID PRESS (PSIG)	485	401	387	368	344	327
		LIQUID TEMP(F)	112	96	93	87	79	73
		ID AIR DB TEMP. RISE	38	26	24	21	17	14
		TOTAL / COMPR. AMPS	23 / 23	13 / 13	13 / 13	12 / 12	11 / 11	11 / 11
	1400	SUCTION PRESS (PSIG)	113	102	92	77	60	51
		SUCTION TEMP (F)	186	157	154	150	144	135
		SUCTION SUPERHEAT (F)	15	12	13	13	14	13
		LIQUID SUBCOOLING (F)	19	20	21	23	26	28
		LIQUID PRESS (PSIG)	457	379	368	351	331	319
		LIQUID TEMP(F)	108	93	90	84	77	72
		ID AIR DB TEMP. RISE	34	22	20	17	14	12
		TOTAL / COMPR. AMPS	22 / 22	13 / 13	12 / 12	12 / 12	10 / 10	10 / 10

FOR USE WITH MODELS WITH TXV:

YHM48B21S
CH16B4821SA
TH16B4821SA

IMPORTANT

The main control must be moved to "H", which will lock it into 100% capacity for charge and operation evaluation before the below numbers will apply.

This data is only applicable when the main control is put on "H". If the main control jumper is not moved to "H" the data will not be applicable. After system evaluation remember to return the jumper to its normal orientation position.

YHM48B21S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	204(11)	207(11)	211(12)	214(12)
60	223(12)	226(12)	231(12)	233(12)
65	243(12)	246(12)	251(12)	253(12)
70	264(12)	267(12)	272(12)	274(12)
75	285(12)	288(12)	293(12)	295(12)
80	308(13)	310(12)	315(12)	317(12)
85	330(13)	333(12)	337(12)	339(12)
90	354(13)	356(12)	360(12)	362(12)
95	378(12)	380(12)	384(12)	386(12)
100	402(12)	404(12)	408(12)	410(11)
105	428(12)	429(12)	433(11)	434(11)
110	454(12)	455(11)	458(11)	460(11)
115	481(11)	481(11)	484(11)	485(10)
120	508(11)	508(11)	510(10)	512(10)
125	536(10)	536(10)	538(10)	539(10)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHM48B21S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1200	LIQUID PRESSURE (PSIG)	207	246	287	331	378	427	478	532
		LIQUID TEMPERATURE (°F)	61	71	80	90	101	110	119	129
		LIQUID SUBCOOLING (°F)	11	12	13	13	12	12	11	10
		SUCTION PRESSURE (PSIG)	106	107	108	112	117	123	131	141
		SUCTION TEMPERATURE (°F)	42	44	45	48	51	56	61	68
		SUCTION SUPERHEAT (°F)	8	9	10	11	12	14	16	19
		OUTDOOR UNIT CURRENT (A)	12.0	14.4	16.2	17.4	18	17.9	17.3	16
		COMPRESSOR CURRENT (A)	12.0	14.4	16.2	17.4	18	17.9	17.3	16
		INDOOR COIL TEMP DROP (°F)	26	26	26	25	24	23	21	19
	1400	LIQUID PRESSURE (PSIG)	208	247	288	332	379	428	479	533
		LIQUID TEMPERATURE (°F)	61	71	80	90	101	110	120	129
		LIQUID SUBCOOLING (°F)	11	12	13	13	12	12	11	10
		SUCTION PRESSURE (PSIG)	109	110	111	115	120	126	134	144
		SUCTION TEMPERATURE (°F)	44	45	47	50	53	57	63	70
		SUCTION SUPERHEAT (°F)	8	9	10	11	12	14	16	19
		OUTDOOR UNIT CURRENT (A)	12.0	14.4	16.2	17.4	18	17.9	17.3	16
		COMPRESSOR CURRENT (A)	12.0	14.4	16.2	17.4	18.0	17.9	17.3	16.0
		INDOOR COIL TEMP DROP (°F)	24	24	24	23	22	21	19	17
	1600	LIQUID PRESSURE (PSIG)	209	248	289	333	380	429	480	534
		LIQUID TEMPERATURE (°F)	62	71	81	90	101	110	120	129
		LIQUID SUBCOOLING (°F)	11	12	13	13	12	12	11	10
		SUCTION PRESSURE (PSIG)	112	113	114	118	123	129	137	147
		SUCTION TEMPERATURE (°F)	45	47	48	51	54	59	64	71
		SUCTION SUPERHEAT (°F)	8	9	10	11	12	14	16	19
		OUTDOOR UNIT CURRENT (A)	12.0	14.4	16.2	17.4	18	17.9	17.3	16
		COMPRESSOR CURRENT (A)	12.0	14.4	16.2	17.4	18.0	17.9	17.3	16.0
		INDOOR COIL TEMP DROP (°F)	22	22	22	21	20	19	17	15

Continued on next page.

YHM48B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
80/57	1200	LIQUID PRESSURE (PSIG)	205	244	286	330	378	428	481	537
		LIQUID TEMPERATURE (°F)	60	70	81	90	101	110	120	130
		LIQUID SUBCOOLING (°F)	11	12	12	13	12	12	11	10
		SUCTION PRESSURE (PSIG)	102	100	101	104	110	119	130	144
		SUCTION TEMPERATURE (°F)	41	41	43	46	50	56	62	69
		SUCTION SUPERHEAT (°F)	8	9	11	13	14	16	17	18
		OUTDOOR UNIT CURRENT (A)	12.1	14.4	16.2	17.4	18	18	17.4	16.3
		COMPRESSOR CURRENT (A)	12.1	14.4	16.2	17.4	18	18	17.4	16.3
		INDOOR COIL TEMP DROP (°F)	31	32	32	31	30	28	24	20
	1400	LIQUID PRESSURE (PSIG)	205	244	286	330	378	428	481	537
		LIQUID TEMPERATURE (°F)	60	70	81	90	101	110	120	130
		LIQUID SUBCOOLING (°F)	11	12	12	13	12	12	11	10
		SUCTION PRESSURE (PSIG)	106	104	105	108	114	123	134	148
		SUCTION TEMPERATURE (°F)	43	43	46	49	53	59	65	71
		SUCTION SUPERHEAT (°F)	9	10	12	14	15	17	18	19
		OUTDOOR UNIT CURRENT (A)	12.1	14.4	16.2	17.4	18	18	17.4	16.3
		COMPRESSOR CURRENT (A)	12.1	14.4	16.2	17.4	18	18	17.4	16.3
		INDOOR COIL TEMP DROP (°F)	29	30	30	29	28	26	22	18
	1600	LIQUID PRESSURE (PSIG)	205	244	286	330	378	428	481	537
		LIQUID TEMPERATURE (°F)	60	70	81	90	101	110	120	130
		LIQUID SUBCOOLING (°F)	11	12	12	13	12	12	11	10
		SUCTION PRESSURE (PSIG)	110	108	109	112	118	127	138	152
		SUCTION TEMPERATURE (°F)	46	46	49	52	56	62	67	74
		SUCTION SUPERHEAT (°F)	10	11	13	15	16	18	19	20
		OUTDOOR UNIT CURRENT (A)	12.1	14.4	16.2	17.4	18	18	17.4	16.3
		COMPRESSOR CURRENT (A)	12.1	14.4	16.2	17.4	18	18	17.4	16.3
		INDOOR COIL TEMP DROP (°F)	27	28	28	27	26	24	20	16
80/62	1200	LIQUID PRESSURE (PSIG)	207	246	288	333	380	429	481	536
		LIQUID TEMPERATURE (°F)	61	71	81	91	101	110	120	130
		LIQUID SUBCOOLING (°F)	11	12	12	12	12	12	11	10
		SUCTION PRESSURE (PSIG)	105	105	107	111	116	124	133	144
		SUCTION TEMPERATURE (°F)	43	43	44	48	51	57	62	70
		SUCTION SUPERHEAT (°F)	9	9	9	11	12	14	16	19
		OUTDOOR UNIT CURRENT (A)	12.1	14.5	16.4	17.6	18.2	18.2	17.6	16.4
		COMPRESSOR CURRENT (A)	12.1	14.5	16.3	17.6	18.2	18.2	17.6	16.4
		INDOOR COIL TEMP DROP (°F)	31	31	30	29	28	26	24	21
	1400	LIQUID PRESSURE (PSIG)	207	246	288	333	380	429	481	536
		LIQUID TEMPERATURE (°F)	61	71	81	91	101	110	120	130
		LIQUID SUBCOOLING (°F)	11	12	12	12	12	12	11	10
		SUCTION PRESSURE (PSIG)	109	109	111	115	120	128	137	148
		SUCTION TEMPERATURE (°F)	45	45	46	50	53	58	64	71
		SUCTION SUPERHEAT (°F)	9	9	9	11	12	14	16	19
		OUTDOOR UNIT CURRENT (A)	12.1	14.5	16.4	17.6	18.2	18.2	17.6	16.4
		COMPRESSOR CURRENT (A)	12.1	14.5	16.3	17.6	18.2	18.2	17.6	16.4
		INDOOR COIL TEMP DROP (°F)	29	29	28	27	26	24	22	19
	1600	LIQUID PRESSURE (PSIG)	207	246	288	333	380	429	481	536
		LIQUID TEMPERATURE (°F)	61	71	81	91	101	110	120	130
		LIQUID SUBCOOLING (°F)	11	12	12	12	12	12	11	10
		SUCTION PRESSURE (PSIG)	113	113	115	119	124	132	141	152
		SUCTION TEMPERATURE (°F)	48	48	49	52	56	61	66	74
		SUCTION SUPERHEAT (°F)	10	10	10	12	13	15	17	20
		OUTDOOR UNIT CURRENT (A)	12.1	14.5	16.4	17.6	18.2	18.2	17.6	16.4
		COMPRESSOR CURRENT (A)	12.1	14.5	16.3	17.6	18.2	18.2	17.6	16.4
		INDOOR COIL TEMP DROP (°F)	27	27	26	25	24	22	20	17

Continued on next page.

YHM48B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/67	1200	LIQUID PRESSURE (PSIG)	210	250	292	336	383	432	483	537
		LIQUID TEMPERATURE (°F)	61	72	82	92	102	112	120	130
		LIQUID SUBCOOLING (°F)	12	12	12	12	12	11	11	10
		SUCTION PRESSURE (PSIG)	116	117	119	123	128	135	143	153
		SUCTION TEMPERATURE (°F)	49	49	50	52	55	60	64	71
		SUCTION SUPERHEAT (°F)	10	10	10	10	11	13	14	17
		OUTDOOR UNIT CURRENT (A)	12.1	14.6	16.5	17.7	18.3	18.3	17.5	16.2
		COMPRESSOR CURRENT (A)	12.1	14.6	16.5	17.7	18.3	18.2	17.5	16.2
		INDOOR COIL TEMP DROP (°F)	26	26	25	25	24	22	21	19
	1400	LIQUID PRESSURE (PSIG)	211	251	293	337	384	433	484	538
		LIQUID TEMPERATURE (°F)	61	72	83	92	102	112	120	130
		LIQUID SUBCOOLING (°F)	12	12	12	12	12	11	11	10
		SUCTION PRESSURE (PSIG)	119	120	122	126	131	138	146	156
		SUCTION TEMPERATURE (°F)	50	51	52	53	56	61	65	72
		SUCTION SUPERHEAT (°F)	10	10	10	10	11	13	14	17
		OUTDOOR UNIT CURRENT (A)	12.1	14.6	16.5	17.7	18.3	18.3	17.5	16.2
		COMPRESSOR CURRENT (A)	12.1	14.6	16.5	17.7	18.3	18.2	17.5	16.2
		INDOOR COIL TEMP DROP (°F)	24	24	23	23	22	20	19	17
	1600	LIQUID PRESSURE (PSIG)	212	252	294	338	385	434	485	539
		LIQUID TEMPERATURE (°F)	61	72	83	93	102	112	121	130
		LIQUID SUBCOOLING (°F)	12	12	12	12	12	11	11	10
		SUCTION PRESSURE (PSIG)	122	123	125	129	134	141	149	159
		SUCTION TEMPERATURE (°F)	52	52	53	55	58	62	67	73
		SUCTION SUPERHEAT (°F)	10	10	10	10	11	13	14	17
		OUTDOOR UNIT CURRENT (A)	12.1	14.6	16.5	17.7	18.3	18.3	17.5	16.2
		COMPRESSOR CURRENT (A)	12.1	14.6	16.5	17.7	18.3	18.2	17.5	16.2
		INDOOR COIL TEMP DROP (°F)	22	22	21	21	20	18	17	15
80/72	1200	LIQUID PRESSURE (PSIG)	213	252	294	338	385	433	484	538
		LIQUID TEMPERATURE (°F)	62	72	83	93	102	112	121	130
		LIQUID SUBCOOLING (°F)	12	12	12	12	12	11	10	10
		SUCTION PRESSURE (PSIG)	122	125	128	133	139	147	155	165
		SUCTION TEMPERATURE (°F)	59	56	55	55	58	62	67	73
		SUCTION SUPERHEAT (°F)	17	13	11	9	9	10	12	15
		OUTDOOR UNIT CURRENT (A)	12.1	14.7	16.6	17.9	18.5	18.4	17.7	16.3
		COMPRESSOR CURRENT (A)	12.1	14.7	16.6	17.9	18.5	18.4	17.7	16.2
		INDOOR COIL TEMP DROP (°F)	20	20	20	19	18	17	16	14
	1400	LIQUID PRESSURE (PSIG)	214	253	295	339	386	434	485	539
		LIQUID TEMPERATURE (°F)	62	73	83	93	102	112	122	130
		LIQUID SUBCOOLING (°F)	12	12	12	12	12	11	10	10
		SUCTION PRESSURE (PSIG)	125	128	131	136	142	150	158	168
		SUCTION TEMPERATURE (°F)	60	57	56	56	59	63	68	74
		SUCTION SUPERHEAT (°F)	17	13	11	9	9	10	12	15
		OUTDOOR UNIT CURRENT (A)	12.1	14.7	16.6	17.9	18.5	18.4	17.7	16.3
		COMPRESSOR CURRENT (A)	12.1	14.7	16.6	17.9	18.5	18.4	17.7	16.2
		INDOOR COIL TEMP DROP (°F)	19	19	19	18	17	16	15	13
	1600	LIQUID PRESSURE (PSIG)	215	254	296	340	387	435	486	540
		LIQUID TEMPERATURE (°F)	62	73	83	93	102	112	122	130
		LIQUID SUBCOOLING (°F)	12	12	12	12	12	11	10	10
		SUCTION PRESSURE (PSIG)	128	131	134	139	145	153	161	171
		SUCTION TEMPERATURE (°F)	62	59	59	59	61	65	70	76
		SUCTION SUPERHEAT (°F)	18	14	12	10	10	11	13	16
		OUTDOOR UNIT CURRENT (A)	12.1	14.7	16.6	17.9	18.5	18.4	17.7	16.3
		COMPRESSOR CURRENT (A)	12.1	14.7	16.6	17.9	18.5	18.4	17.7	16.2
		INDOOR COIL TEMP DROP (°F)	18	18	18	17	16	15	14	12

YHM48B21S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	**47**	**40**	**30**	**17**	**10**
60	1200	SUCTION PRESS (PSIG)	107	86	75	59	47	39
		SUCTION TEMP(F)	35	24	18	8	-1	-8
		SUCTION SUPERHEAT(F)	20	19	17	17	18	18
		LIQUID SUBCOOLING(F)	22	25	27	28	31	32
		LIQUID PRESS (PSIG)	392	360	342	313	292	278
		LIQUID TEMP(F)	94	84	79	71	64	59
		ID AIR DB TEMP. RISE	45	39	35	30	25	22
		TOTAL / COMPR. AMPS	23 / 23	20 / 20	19 / 19	18 / 18	17 / 17	15 / 15
	1400	SUCTION PRESS (PSIG)	106	85	75	60	46	39
		SUCTION TEMP(F)	34	24	18	8	-2	-8
		SUCTION SUPERHEAT(F)	20	19	18	18	18	18
		LIQUID SUBCOOLING(F)	21	24	25	27	30	31
		LIQUID PRESS (PSIG)	366	338	323	299	281	269
		LIQUID TEMP(F)	89	80	76	69	62	57
		ID AIR DB TEMP. RISE	40	34	31	27	22	20
		TOTAL / COMPR. AMPS	22 / 22	20 / 20	19 / 19	17 / 17	16 / 16	15 / 15
	1600	SUCTION PRESS (PSIG)	104	84	74	61	46	39
		SUCTION TEMP(F)	34	23	18	9	-2	-8
		SUCTION SUPERHEAT(F)	21	19	18	18	19	17
		LIQUID SUBCOOLING(F)	20	23	24	26	29	31
		LIQUID PRESS (PSIG)	341	317	305	286	270	259
		LIQUID TEMP(F)	85	77	73	67	60	55
		ID AIR DB TEMP. RISE	38	30	27	23	19	17
		TOTAL / COMPR. AMPS	20 / 20	19 / 19	18 / 18	17 / 17	16 / 16	15 / 15
70	1200	SUCTION PRESS (PSIG)	110	87	76	62	46	37
		SUCTION TEMP(F)	36	25	18	10	-2	-10
		SUCTION SUPERHEAT(F)	19	18	17	17	18	19
		LIQUID SUBCOOLING(F)	22	26	28	30	32	33
		LIQUID PRESS (PSIG)	432	407	387	363	333	315
		LIQUID TEMP(F)	101	92	86	79	71	66
		ID AIR DB TEMP. RISE	43	38	35	27	24	21
		TOTAL / COMPR. AMPS	24 / 24	22 / 22	21 / 21	19 / 19	18 / 18	16 / 16
	1400	SUCTION PRESS (PSIG)	108	86	76	62	47	38
		SUCTION TEMP(F)	35	25	18	10	-1	-9
		SUCTION SUPERHEAT(F)	20	18	18	17	18	18
		LIQUID SUBCOOLING(F)	21	25	27	29	31	32
		LIQUID PRESS (PSIG)	409	384	369	347	323	307
		LIQUID TEMP(F)	97	89	84	77	70	65
		ID AIR DB TEMP. RISE	39	34	31	27	22	19
		TOTAL / COMPR. AMPS	23 / 23	21 / 21	20 / 20	19 / 19	17 / 17	16 / 16
	1600	SUCTION PRESS (PSIG)	106	86	76	63	47	40
		SUCTION TEMP(F)	35	24	18	10	-1	-7
		SUCTION SUPERHEAT(F)	21	19	18	18	19	17
		LIQUID SUBCOOLING(F)	20	24	26	28	30	31
		LIQUID PRESS (PSIG)	386	361	350	331	312	299
		LIQUID TEMP(F)	93	85	81	75	69	64
		ID AIR DB TEMP. RISE	36	30	27	23	19	17
		TOTAL / COMPR. AMPS	23 / 23	19 / 22	20 / 20	18 / 18	17 / 17	16 / 16

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YHM48B21S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1200	SUCTION PRESS (PSIG)	112	89	76	65	45	35
		SUCTION TEMP(F)	37	26	19	11	-3	-12
		SUCTION SUPERHEAT(F)	18	18	17	17	18	19
		LIQUID SUBCOOLING(F)	21	27	28	31	33	34
		LIQUID PRESS (PSIG)	472	453	433	412	374	351
		LIQUID TEMP(F)	108	100	94	88	79	74
		ID AIR DB TEMP. RISE	40	37	34	23	23	19
		TOTAL / COMPR. AMPS	25 / 25	24 / 24	23 / 23	21 / 21	19 / 19	17 / 17
	1400	SUCTION PRESS (PSIG)	110	88	77	64	47	38
		SUCTION TEMP(F)	36	25	19	11	-1	-9
		SUCTION SUPERHEAT(F)	19	18	17	17	18	18
		LIQUID SUBCOOLING(F)	21	25	28	30	32	32
		LIQUID PRESS (PSIG)	452	430	414	394	365	345
		LIQUID TEMP(F)	105	97	92	85	78	74
		ID AIR DB TEMP. RISE	37	33	30	26	21	18
		TOTAL / COMPR. AMPS	25 / 25	23 / 23	22 / 22	20 / 20	18 / 18	17 / 17
	1600	SUCTION PRESS (PSIG)	108	87	77	64	49	41
		SUCTION TEMP(F)	36	25	19	11	0	-7
		SUCTION SUPERHEAT(F)	20	18	18	17	18	17
		LIQUID SUBCOOLING(F)	21	24	27	29	31	31
		LIQUID PRESS (PSIG)	432	406	395	376	355	339
		LIQUID TEMP(F)	101	94	89	83	77	74
		ID AIR DB TEMP. RISE	33	29	26	23	19	16
		TOTAL / COMPR. AMPS	25 / 25	22 / 22	21 / 21	20 / 20	18 / 18	17 / 17

FOR USE WITH MODELS WITH TXV:

YHM60B21S
CH16B6021SA
TH16B6021SA

IMPORTANT

The main control must be moved to "H", which will lock it into 100% capacity for charge and operation evaluation before the below numbers will apply.

This data is only applicable when the main control is put on "H". If the main control jumper is not moved to "H" the data will not be applicable. After system evaluation remember to return the jumper to its normal orientation position.

YHM60B21S SUBCOOLING CHARGING CHART

OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	206(9)	209(9)	211(8)	212(8)
60	225(9)	228(9)	230(9)	232(8)
65	244(9)	247(9)	249(9)	252(8)
70	264(9)	267(10)	269(9)	272(9)
75	285(10)	287(10)	289(9)	294(9)
80	306(10)	308(10)	311(9)	315(9)
85	328(10)	330(10)	332(10)	338(9)
90	351(9)	352(10)	354(10)	360(9)
95	374(9)	374(10)	377(9)	384(9)
100	398(9)	398(10)	401(9)	408(9)
105	423(9)	422(9)	424(9)	432(9)
110	448(8)	446(9)	449(9)	457(9)
115	475(8)	471(9)	474(9)	482(8)
120	502(7)	497(8)	499(8)	509(8)
125	529(7)	523(7)	526(8)	535(8)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YHM60B21S W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1600	LIQUID PRESSURE (PSIG)	208	245	285	328	373	422	472	526
		LIQUID TEMPERATURE (°F)	63	74	83	92	102	111	120	130
		LIQUID SUBCOOLING (°F)	9	9	10	10	10	10	9	8
		SUCTION PRESSURE (PSIG)	114	115	116	119	123	129	135	143
		SUCTION TEMPERATURE (°F)	47	49	49	51	53	56	58	61
		SUCTION SUPERHEAT (°F)	9	10	10	11	11	11	11	11
		OUTDOOR UNIT CURRENT (A)	13.3	15.7	17.6	18.9	19.7	20	19.7	18.9
		COMPRESSOR CURRENT (A)	13.2	15.7	17.6	18.9	19.7	20	19.7	18.8
		INDOOR COIL TEMP DROP (°F)	25	24	24	23	22	21	19	18
	1800	LIQUID PRESSURE (PSIG)	209	246	286	329	374	423	473	527
		LIQUID TEMPERATURE (°F)	64	74	83	93	102	111	121	130
		LIQUID SUBCOOLING (°F)	9	9	10	10	10	10	9	8
		SUCTION PRESSURE (PSIG)	116	117	118	121	125	131	137	145
		SUCTION TEMPERATURE (°F)	48	49	50	52	54	56	59	62
		SUCTION SUPERHEAT (°F)	9	10	10	11	11	11	11	11
		OUTDOOR UNIT CURRENT (A)	13.3	15.7	17.6	18.9	19.7	20	19.7	18.9
		COMPRESSOR CURRENT (A)	13.2	15.7	17.6	18.9	19.7	20.0	19.7	18.8
		INDOOR COIL TEMP DROP (°F)	24	23	23	22	21	20	18	17
	2000	LIQUID PRESSURE (PSIG)	210	247	287	330	375	424	474	528
		LIQUID TEMPERATURE (°F)	64	74	83	93	102	111	121	130
		LIQUID SUBCOOLING (°F)	9	9	10	10	10	10	9	8
		SUCTION PRESSURE (PSIG)	118	119	120	123	127	133	139	147
		SUCTION TEMPERATURE (°F)	49	50	51	53	55	57	60	63
		SUCTION SUPERHEAT (°F)	9	10	10	11	11	11	11	11
		OUTDOOR UNIT CURRENT (A)	13.3	15.7	17.6	18.9	19.7	20	19.7	18.9
		COMPRESSOR CURRENT (A)	13.2	15.7	17.6	18.9	19.7	20.0	19.7	18.8
		INDOOR COIL TEMP DROP (°F)	23	22	22	21	20	19	17	16

Continued on next page.

YHM60B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/57	1600	LIQUID PRESSURE (PSIG)	212	277	337	391	440	484	521	554
		LIQUID TEMPERATURE (°F)	65	83	96	107	117	124	130	136
		LIQUID SUBCOOLING (°F)	8	8	8	8	7	7	7	6
		SUCTION PRESSURE (PSIG)	106	116	125	134	143	150	158	165
		SUCTION TEMPERATURE (°F)	42	50	56	62	67	71	74	76
		SUCTION SUPERHEAT (°F)	8	11	13	15	17	18	18	18
		OUTDOOR UNIT CURRENT (A)	12.8	13.8	14.5	15.1	15.4	15.5	15.4	15
		COMPRESSOR CURRENT (A)	12.7	13.7	14.5	15.1	15.4	15.5	15.4	15
		INDOOR COIL TEMP DROP (°F)	31	29	26	23	21	19	18	16
	1800	LIQUID PRESSURE (PSIG)	194	259	319	373	422	466	503	536
		LIQUID TEMPERATURE (°F)	59	77	91	103	113	120	126	133
		LIQUID SUBCOOLING (°F)	9	9	9	9	8	8	8	7
		SUCTION PRESSURE (PSIG)	104	114	123	132	141	148	156	163
		SUCTION TEMPERATURE (°F)	41	49	55	61	66	70	73	76
		SUCTION SUPERHEAT (°F)	8	11	13	15	17	18	18	18
		OUTDOOR UNIT CURRENT (A)	13.4	14.4	15.1	15.7	16	16.1	16	15.6
		COMPRESSOR CURRENT (A)	13.3	14.3	15.1	15.7	16	16.1	16	15.6
		INDOOR COIL TEMP DROP (°F)	31	29	26	23	21	19	18	16
	2000	LIQUID PRESSURE (PSIG)	176	241	301	355	404	448	485	518
		LIQUID TEMPERATURE (°F)	53	73	87	99	110	117	124	130
		LIQUID SUBCOOLING (°F)	9	9	9	9	8	8	8	7
		SUCTION PRESSURE (PSIG)	102	112	121	130	139	146	154	161
		SUCTION TEMPERATURE (°F)	41	48	54	60	66	69	72	75
		SUCTION SUPERHEAT (°F)	8	11	13	15	17	18	18	18
		OUTDOOR UNIT CURRENT (A)	14.0	15	15.7	16.3	16.6	16.7	16.6	16.2
		COMPRESSOR CURRENT (A)	13.9	14.9	15.7	16.3	16.6	16.7	16.6	16.2
		INDOOR COIL TEMP DROP (°F)	31	29	26	23	21	19	18	16
80/62	1600	LIQUID PRESSURE (PSIG)	208	246	286	329	373	421	470	522
		LIQUID TEMPERATURE (°F)	63	74	83	93	102	112	120	130
		LIQUID SUBCOOLING (°F)	9	9	10	10	10	9	9	7
		SUCTION PRESSURE (PSIG)	115	114	116	119	124	131	139	149
		SUCTION TEMPERATURE (°F)	48	48	49	51	54	56	59	63
		SUCTION SUPERHEAT (°F)	9	10	10	11	11	11	10	10
		OUTDOOR UNIT CURRENT (A)	13.2	15.8	17.7	19	19.7	19.7	19.1	17.8
		COMPRESSOR CURRENT (A)	13.2	15.7	17.7	19	19.6	19.7	19	17.8
		INDOOR COIL TEMP DROP (°F)	28	28	28	27	26	24	22	20
	1800	LIQUID PRESSURE (PSIG)	209	247	287	330	374	422	471	523
		LIQUID TEMPERATURE (°F)	64	74	83	93	102	112	120	131
		LIQUID SUBCOOLING (°F)	9	9	10	10	10	9	9	7
		SUCTION PRESSURE (PSIG)	118	117	119	122	127	134	142	152
		SUCTION TEMPERATURE (°F)	49	49	50	53	55	58	60	64
		SUCTION SUPERHEAT (°F)	9	10	10	11	11	11	10	10
		OUTDOOR UNIT CURRENT (A)	13.2	15.8	17.7	19	19.7	19.7	19.1	17.8
		COMPRESSOR CURRENT (A)	13.2	15.7	17.7	19	19.6	19.7	19	17.8
		INDOOR COIL TEMP DROP (°F)	27	27	27	26	25	23	21	19
	2000	LIQUID PRESSURE (PSIG)	210	248	288	331	375	423	472	524
		LIQUID TEMPERATURE (°F)	64	74	83	93	102	112	120	131
		LIQUID SUBCOOLING (°F)	9	9	10	10	10	9	9	7
		SUCTION PRESSURE (PSIG)	121	120	122	125	130	137	145	155
		SUCTION TEMPERATURE (°F)	50	51	52	54	56	59	61	65
		SUCTION SUPERHEAT (°F)	9	10	10	11	11	11	10	10
		OUTDOOR UNIT CURRENT (A)	13.2	15.8	17.7	19	19.7	19.7	19.1	17.8
		COMPRESSOR CURRENT (A)	13.2	15.7	17.7	19	19.6	19.7	19	17.8
		INDOOR COIL TEMP DROP (°F)	26	26	26	25	24	22	20	18

Continued on next page.

YHM60B21S W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/67	1600	LIQUID PRESSURE (PSIG)	211	249	289	332	377	424	474	526
		LIQUID TEMPERATURE (°F)	65	75	85	93	103	112	121	130
		LIQUID SUBCOOLING (°F)	8	9	9	10	9	9	9	8
		SUCTION PRESSURE (PSIG)	125	125	127	130	134	140	147	156
		SUCTION TEMPERATURE (°F)	53	53	54	56	58	60	63	66
		SUCTION SUPERHEAT (°F)	10	10	10	11	11	11	11	11
		OUTDOOR UNIT CURRENT (A)	13.2	16	18	19.3	20	19.9	19.1	17.6
		COMPRESSOR CURRENT (A)	13.2	15.9	18	19.3	19.9	19.8	19.1	17.6
		INDOOR COIL TEMP DROP (°F)	24	24	24	23	22	21	20	18
	1800	LIQUID PRESSURE (PSIG)	211	249	289	332	377	424	474	526
		LIQUID TEMPERATURE (°F)	65	75	85	93	103	112	121	130
		LIQUID SUBCOOLING (°F)	8	9	9	10	9	9	9	8
		SUCTION PRESSURE (PSIG)	128	128	130	133	137	143	150	159
		SUCTION TEMPERATURE (°F)	54	54	55	57	59	61	64	67
		SUCTION SUPERHEAT (°F)	10	10	10	11	11	11	11	11
		OUTDOOR UNIT CURRENT (A)	13.2	16	18	19.3	20	19.9	19.1	17.6
		COMPRESSOR CURRENT (A)	13.2	15.9	18	19.3	19.9	19.8	19.1	17.6
		INDOOR COIL TEMP DROP (°F)	23	23	23	22	21	20	19	17
	2000	LIQUID PRESSURE (PSIG)	211	249	289	332	377	424	474	526
		LIQUID TEMPERATURE (°F)	65	75	85	93	103	112	121	130
		LIQUID SUBCOOLING (°F)	8	9	9	10	9	9	9	8
		SUCTION PRESSURE (PSIG)	131	131	133	136	140	146	153	162
		SUCTION TEMPERATURE (°F)	55	55	56	58	60	62	65	68
		SUCTION SUPERHEAT (°F)	10	10	10	11	11	11	11	11
		OUTDOOR UNIT CURRENT (A)	13.2	16	18	19.3	20	19.9	19.1	17.6
		COMPRESSOR CURRENT (A)	13.2	15.9	18	19.3	19.9	19.8	19.1	17.6
		INDOOR COIL TEMP DROP (°F)	22	22	22	21	20	19	18	16
80/72	1600	LIQUID PRESSURE (PSIG)	212	251	292	335	380	427	476	526
		LIQUID TEMPERATURE (°F)	65	76	85	95	104	114	122	131
		LIQUID SUBCOOLING (°F)	8	8	9	9	9	8	8	7
		SUCTION PRESSURE (PSIG)	131	134	138	142	148	154	161	169
		SUCTION TEMPERATURE (°F)	57	58	59	60	62	64	68	71
		SUCTION SUPERHEAT (°F)	12	11	11	10	10	10	11	11
		OUTDOOR UNIT CURRENT (A)	13.2	16.1	18.2	19.6	20.3	20.2	19.3	17.7
		COMPRESSOR CURRENT (A)	13.2	16.1	18.2	19.6	20.2	20.1	19.3	17.7
		INDOOR COIL TEMP DROP (°F)	22	21	20	19	18	16	15	13
	1800	LIQUID PRESSURE (PSIG)	213	252	293	336	381	428	477	527
		LIQUID TEMPERATURE (°F)	66	76	86	95	104	114	122	131
		LIQUID SUBCOOLING (°F)	8	8	9	9	9	8	8	7
		SUCTION PRESSURE (PSIG)	133	136	140	144	150	156	163	171
		SUCTION TEMPERATURE (°F)	58	58	60	61	63	65	69	71
		SUCTION SUPERHEAT (°F)	12	11	11	10	10	10	11	11
		OUTDOOR UNIT CURRENT (A)	13.2	16.1	18.2	19.6	20.3	20.2	19.3	17.7
		COMPRESSOR CURRENT (A)	13.2	16.1	18.2	19.6	20.2	20.1	19.3	17.7
		INDOOR COIL TEMP DROP (°F)	21	20	19	18	17	15	14	12
	2000	LIQUID PRESSURE (PSIG)	214	253	294	337	382	429	478	528
		LIQUID TEMPERATURE (°F)	66	77	86	95	104	114	122	131
		LIQUID SUBCOOLING (°F)	8	8	9	9	9	8	8	7
		SUCTION PRESSURE (PSIG)	135	138	142	146	152	158	165	173
		SUCTION TEMPERATURE (°F)	59	59	61	61	64	66	69	72
		SUCTION SUPERHEAT (°F)	12	11	11	10	10	10	11	11
		OUTDOOR UNIT CURRENT (A)	13.2	16.1	18.2	19.6	20.3	20.2	19.3	17.7
		COMPRESSOR CURRENT (A)	13.2	16.1	18.2	19.6	20.2	20.1	19.3	17.7
		INDOOR COIL TEMP DROP (°F)	20	19	18	17	16	14	13	11

YHM60B21S W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	**47**	**40**	**30**	**17**	**10**
60	1600	SUCTION PRESS (PSIG)	117	93	81	68	51	41
		SUCTION TEMP(F)	39	28	21	14	2	-6
		SUCTION SUPERHEAT(F)	11	11	12	12	15	15
		LIQUID SUBCOOLING(F)	21	22	23	25	25	24
		LIQUID PRESS (PSIG)	345	320	301	289	264	247
		LIQUID TEMP(F)	85	72	74	68	63	60
		ID AIR DB TEMP. RISE	38	33	29	25	20	17
		TOTAL / COMPR. AMPS	19 / 19	17 / 18	17 / 17	16 / 16	15 / 15	14 / 14
	1800	SUCTION PRESS (PSIG)	116	93	79	68	51	41
		SUCTION TEMP(F)	39	28	20	13	2	-6
		SUCTION SUPERHEAT(F)	11	11	12	12	15	15
		LIQUID SUBCOOLING(F)	21	22	21	23	24	23
		LIQUID PRESS (PSIG)	329	306	286	276	256	241
		LIQUID TEMP(F)	82	72	72	67	62	59
		ID AIR DB TEMP. RISE	35	30	26	23	18	15
		TOTAL / COMPR. AMPS	19 / 19	17 / 17	16 / 16	16 / 16	14 / 14	14 / 14
	2000	SUCTION PRESS (PSIG)	115	92	77	67	51	40
		SUCTION TEMP(F)	39	28	19	13	2	-7
		SUCTION SUPERHEAT(F)	11	11	11	12	14	15
		LIQUID SUBCOOLING(F)	20	22	19	21	22	21
		LIQUID PRESS (PSIG)	313	292	270	264	249	235
		LIQUID TEMP(F)	79	72	71	66	61	58
		ID AIR DB TEMP. RISE	31	26	23	20	16	14
		TOTAL / COMPR. AMPS	18 / 18	17 / 17	16 / 16	15 / 15	14 / 14	13 / 13
70	1600	SUCTION PRESS (PSIG)	118	94	83	69	52	43
		SUCTION TEMP(F)	40	28	23	14	2	-4
		SUCTION SUPERHEAT(F)	12	12	13	14	15	15
		LIQUID SUBCOOLING(F)	21	21	24	25	25	24
		LIQUID PRESS (PSIG)	390	362	349	330	304	290
		LIQUID TEMP(F)	93	84	82	77	72	69
		ID AIR DB TEMP. RISE	37	31	29	25	20	17
		TOTAL / COMPR. AMPS	21 / 21	19 / 19	19 / 19	17 / 17	16 / 16	15 / 15
	1800	SUCTION PRESS (PSIG)	117	94	82	69	51	43
		SUCTION TEMP(F)	40	28	22	14	2	-5
		SUCTION SUPERHEAT(F)	12	12	13	13	15	15
		LIQUID SUBCOOLING(F)	21	22	23	24	24	23
		LIQUID PRESS (PSIG)	374	349	334	318	295	282
		LIQUID TEMP(F)	91	83	81	76	71	68
		ID AIR DB TEMP. RISE	34	29	26	23	18	15
		TOTAL / COMPR. AMPS	21 / 20	19 / 19	18 / 18	17 / 17	16 / 16	15 / 15
	2000	SUCTION PRESS (PSIG)	116	94	81	68	51	43
		SUCTION TEMP(F)	39	28	21	14	2	-5
		SUCTION SUPERHEAT(F)	12	12	12	13	15	15
		LIQUID SUBCOOLING(F)	20	22	21	22	23	22
		LIQUID PRESS (PSIG)	357	336	319	307	287	275
		LIQUID TEMP(F)	88	81	79	75	70	68
		ID AIR DB TEMP. RISE	30	26	23	20	16	14
		TOTAL / COMPR. AMPS	20 / 20	17 / 20	18 / 18	17 / 17	15 / 15	14 / 14

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YHM60B21S W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	**47**	**40**	**30**	**17**	**10**
80	1600	SUCTION PRESS (PSIG)	119	95	85	70	53	45
		SUCTION TEMP(F)	40	29	24	15	3	-3
		SUCTION SUPERHEAT(F)	13	13	14	15	14	14
		LIQUID SUBCOOLING(F)	21	21	25	25	25	25
		LIQUID PRESS (PSIG)	435	404	396	371	344	332
		LIQUID TEMP(F)	102	97	91	87	81	79
		ID AIR DB TEMP. RISE	36	29	28	24	19	17
		TOTAL / COMPR. AMPS	23 / 23	21 / 21	20 / 20	19 / 19	17 / 17	16 / 16
	1800	SUCTION PRESS (PSIG)	118	95	84	70	52	45
		SUCTION TEMP(F)	40	29	23	15	2	-3
		SUCTION SUPERHEAT(F)	13	13	14	15	15	14
		LIQUID SUBCOOLING(F)	30	25	24	20	13	19
		LIQUID PRESS (PSIG)	418	392	382	360	334	324
		LIQUID TEMP(F)	100	94	89	85	80	78
		ID AIR DB TEMP. RISE	33	27	25	22	17	15
		TOTAL / COMPR. AMPS	22 / 22	20 / 20	20 / 20	18 / 18	17 / 17	16 / 16
	2000	SUCTION PRESS (PSIG)	118	95	84	69	51	45
		SUCTION TEMP(F)	40	29	23	15	2	-3
		SUCTION SUPERHEAT(F)	13	13	13	14	15	14
		LIQUID SUBCOOLING(F)	20	22	23	23	23	22
		LIQUID PRESS (PSIG)	401	380	368	350	325	315
		LIQUID TEMP(F)	97	91	87	84	79	77
		ID AIR DB TEMP. RISE	29	25	23	19	15	14
		TOTAL / COMPR. AMPS	22 / 22	20 / 20	19 / 19	18 / 18	16 / 16	16 / 16

FOR USE WITH MODELS WITH TXV:

YZT24B21S
HC19B2421S
HL19B2421S

YZT24B21S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	198 (12)	200 (8)	202 (8)	205 (7)
60	213 (12)	214 (8)	216 (8)	219 (7)
65	227 (11)	228 (8)	230 (8)	232 (7)
70	241 (10)	242 (8)	244 (8)	246 (7)
75	255 (9)	256 (8)	258 (8)	259 (7)
80	278 (9)	279 (8)	282 (8)	283 (7)
85	301 (9)	302 (8)	305 (8)	307 (7)
90	324 (9)	326 (8)	329 (8)	330 (7)
95	347 (8)	349 (8)	353 (8)	354 (7)
100	374 (8)	376 (7)	379 (7)	380 (7)
105	401 (9)	402 (7)	405 (7)	407 (7)
110	427 (9)	429 (7)	432 (7)	433 (7)
115	454 (9)	455 (7)	458 (7)	460 (7)
120	481 (9)	481 (7)	485 (7)	487 (7)
125	507 (9)	508 (7)	511 (7)	513 (7)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YZT24B21S W/ ANY COIL IN UPFLOW/HORIZONTAL LEFT

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	650	LIQUID PRESSURE (PSIG)	199	227	256	302	349	402	454	507
		LIQUID TEMPERATURE (°F)	60	69	78	88	98	108	118	127
		LIQUID SUBCOOLING (°F)	9	8	7	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	128	129	131	133	135	138	140	143
		SUCTION TEMPERATURE (°F)	53	55	58	59	61	61	61	61
		SUCTION SUPERHEAT (°F)	7	10	13	14	15	13	11	9
		OUTDOOR UNIT CURRENT (A)	4.0	4.7	5.4	6.0	6.6	7.6	8.7	9.7
		COMPRESSOR CURRENT (A)	3.5	3.9	4.2	5.0	5.8	6.6	7.5	8.3
		INDOOR COIL TEMP DROP (°F)	20	21	23	23	22	21	20	19
	850	LIQUID PRESSURE (PSIG)	200	228	256	303	350	403	456	509
		LIQUID TEMPERATURE (°F)	61	69	78	88	99	108	118	127
		LIQUID SUBCOOLING (°F)	9	8	7	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	133	135	136	138	140	142	144	147
		SUCTION TEMPERATURE (°F)	56	58	59	61	63	64	65	66
		SUCTION SUPERHEAT (°F)	8	9	11	13	14	14	14	14
		OUTDOOR UNIT CURRENT (A)	4.0	4.7	5.3	6.0	6.6	7.6	8.7	9.7
		COMPRESSOR CURRENT (A)	3.6	3.9	4.2	5.0	5.8	6.6	7.5	8.3
		INDOOR COIL TEMP DROP (°F)	20	20	21	20	20	19	18	17
	1050	LIQUID PRESSURE (PSIG)	202	229	257	304	351	404	457	510
		LIQUID TEMPERATURE (°F)	61	70	78	89	99	108	118	127
		LIQUID SUBCOOLING (°F)	9	8	7	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	138	140	141	143	145	147	149	151
		SUCTION TEMPERATURE (°F)	59	60	60	62	65	67	69	70
		SUCTION SUPERHEAT (°F)	9	9	9	11	14	16	17	19
		OUTDOOR UNIT CURRENT (A)	4.0	4.7	5.3	5.9	6.6	7.6	8.7	9.7
		COMPRESSOR CURRENT (A)	3.6	3.8	4.1	5.0	5.8	6.6	7.5	8.3
		INDOOR COIL TEMP DROP (°F)	20	19	18	18	18	17	16	15

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YZT24B21S W/ ANY COIL IN UPFLOW/HORIZONTAL LEFT (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	650	LIQUID PRESSURE (PSIG)	199	227	256	302	348	401	454	507
		LIQUID TEMPERATURE (°F)	60	69	78	88	99	108	118	127
		LIQUID SUBCOOLING (°F)	9	8	7	7	8	8	8	8
		SUCTION PRESSURE (PSIG)	127	129	131	133	135	138	141	144
		SUCTION TEMPERATURE (°F)	52	55	58	59	59	60	61	62
		SUCTION SUPERHEAT (°F)	5	9	13	13	12	12	11	10
		OUTDOOR UNIT CURRENT (A)	4.0	4.7	5.3	5.9	6.6	7.6	8.6	9.7
		COMPRESSOR CURRENT (A)	3.6	3.8	4.1	5.0	5.8	6.6	7.4	8.2
		INDOOR COIL TEMP DROP (°F)	29	28	28	27	26	25	24	23
	850	LIQUID PRESSURE (PSIG)	200	228	256	303	350	403	456	508
		LIQUID TEMPERATURE (°F)	61	69	78	88	99	108	118	127
		LIQUID SUBCOOLING (°F)	9	8	7	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	133	135	137	138	140	144	148	153
		SUCTION TEMPERATURE (°F)	55	58	60	61	63	64	66	68
		SUCTION SUPERHEAT (°F)	6	9	12	13	14	14	14	14
		OUTDOOR UNIT CURRENT (A)	4.0	4.7	5.3	5.9	6.6	7.6	8.6	9.7
		COMPRESSOR CURRENT (A)	3.6	3.8	4.1	5.0	5.8	6.6	7.4	8.2
		INDOOR COIL TEMP DROP (°F)	26	25	25	24	24	22	21	20
	1050	LIQUID PRESSURE (PSIG)	201	229	257	304	351	404	457	510
		LIQUID TEMPERATURE (°F)	61	70	78	88	99	108	118	127
		LIQUID SUBCOOLING (°F)	8	8	7	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	139	141	143	144	146	151	156	161
		SUCTION TEMPERATURE (°F)	59	60	62	64	66	68	71	73
		SUCTION SUPERHEAT (°F)	8	9	11	13	15	16	17	17
		OUTDOOR UNIT CURRENT (A)	4.0	4.7	5.3	6.0	6.6	7.6	8.6	9.6
		COMPRESSOR CURRENT (A)	3.6	3.8	4.1	5.0	5.9	6.6	7.4	8.2
		INDOOR COIL TEMP DROP (°F)	23	22	22	21	21	20	18	17
80/67	650	LIQUID PRESSURE (PSIG)	202	230	258	305	352	406	459	512
		LIQUID TEMPERATURE (°F)	61	70	79	89	99	108	118	127
		LIQUID SUBCOOLING (°F)	9	8	7	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	139	141	143	145	147	150	153	155
		SUCTION TEMPERATURE (°F)	59	60	60	64	67	69	71	73
		SUCTION SUPERHEAT (°F)	8	8	8	12	16	18	19	21
		OUTDOOR UNIT CURRENT (A)	4.0	4.7	5.3	6.0	6.6	7.6	8.7	9.8
		COMPRESSOR CURRENT (A)	3.5	3.9	4.2	5.0	5.8	6.6	7.5	8.3
		INDOOR COIL TEMP DROP (°F)	19	21	23	22	22	21	20	20
	850	LIQUID PRESSURE (PSIG)	203	231	259	306	353	406	459	512
		LIQUID TEMPERATURE (°F)	62	70	79	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	8	8	7	8	8	8	8	8
		SUCTION PRESSURE (PSIG)	145	147	149	150	152	155	157	160
		SUCTION TEMPERATURE (°F)	62	63	64	66	69	71	73	75
		SUCTION SUPERHEAT (°F)	9	9	9	12	15	17	19	21
		OUTDOOR UNIT CURRENT (A)	4.0	4.7	5.3	5.9	6.6	7.6	8.7	9.7
		COMPRESSOR CURRENT (A)	3.6	3.9	4.2	5.0	5.8	6.6	7.4	8.3
		INDOOR COIL TEMP DROP (°F)	19	20	21	20	20	19	18	18
	1050	LIQUID PRESSURE (PSIG)	203	231	259	306	353	406	459	511
		LIQUID TEMPERATURE (°F)	62	71	79	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	8	8	7	7	8	8	8	8
		SUCTION PRESSURE (PSIG)	151	152	154	156	158	160	162	164
		SUCTION TEMPERATURE (°F)	65	66	67	68	70	72	75	77
		SUCTION SUPERHEAT (°F)	10	11	11	12	14	16	19	21
		OUTDOOR UNIT CURRENT (A)	4.0	4.7	5.3	5.9	6.5	7.6	8.7	9.7
		COMPRESSOR CURRENT (A)	3.6	3.9	4.2	4.9	5.7	6.6	7.4	8.2
		INDOOR COIL TEMP DROP (°F)	19	19	19	18	18	17	17	16

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YZT24B21S W/ ANY COIL IN UPFLOW/HORIZONTAL LEFT (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	650	LIQUID PRESSURE (PSIG)	205	232	259	306	353	406	459	512
		LIQUID TEMPERATURE (°F)	63	72	81	90	100	109	119	128
		LIQUID SUBCOOLING (°F)	8	7	6	7	8	8	7	7
		SUCTION PRESSURE (PSIG)	154	155	157	159	162	165	168	170
		SUCTION TEMPERATURE (°F)	66	68	69	71	72	75	77	79
		SUCTION SUPERHEAT (°F)	10	11	12	14	15	17	19	21
		OUTDOOR UNIT CURRENT (A)	4.1	4.7	5.3	5.9	6.6	7.6	8.6	9.7
		COMPRESSOR CURRENT (A)	3.6	3.9	4.1	4.9	5.7	6.6	7.4	8.2
		INDOOR COIL TEMP DROP (°F)	14	16	18	18	17	16	16	15
	850	LIQUID PRESSURE (PSIG)	206	233	260	307	354	407	460	514
		LIQUID TEMPERATURE (°F)	63	72	81	90	100	110	119	128
		LIQUID SUBCOOLING (°F)	8	7	6	7	7	7	7	7
		SUCTION PRESSURE (PSIG)	159	161	163	165	167	170	172	175
		SUCTION TEMPERATURE (°F)	69	70	71	73	75	77	79	81
		SUCTION SUPERHEAT (°F)	12	12	12	14	15	17	19	21
		OUTDOOR UNIT CURRENT (A)	4.0	4.7	5.3	5.9	6.6	7.6	8.6	9.7
		COMPRESSOR CURRENT (A)	3.6	3.8	4.1	4.9	5.7	6.6	7.4	8.2
		INDOOR COIL TEMP DROP (°F)	14	15	16	16	15	14	14	13
	1050	LIQUID PRESSURE (PSIG)	206	234	261	308	355	409	462	515
		LIQUID TEMPERATURE (°F)	64	72	81	91	101	110	119	128
		LIQUID SUBCOOLING (°F)	7	6	6	6	7	7	7	8
		SUCTION PRESSURE (PSIG)	165	167	168	171	173	175	177	179
		SUCTION TEMPERATURE (°F)	73	73	73	75	77	79	81	83
		SUCTION SUPERHEAT (°F)	13	13	12	14	15	17	19	21
		OUTDOOR UNIT CURRENT (A)	4.0	4.6	5.3	5.9	6.5	7.6	8.6	9.7
		COMPRESSOR CURRENT (A)	3.6	3.8	4.1	4.9	5.7	6.6	7.4	8.2
		INDOOR COIL TEMP DROP (°F)	14	14	14	14	13	13	12	11

YZT24B21S W/ CF/CM/CU24, AE24, AVC24 COILS

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	650	LIQUID PRESSURE (PSIG)	356	327	310	281	270	267
		LIQUID TEMPERATURE (°F)	82	73	70	65	55	54
		LIQUID SUBCOOLING (°F)	27	30	30	28	35	36
		SUCTION PRESSURE (PSIG)	141	113	99	79	51	50
		SUCTION TEMPERATURE (°F)	62	48	42	31	16	15
		SUCTION SUPERHEAT (°F)	12	10	10	11	15	13
		OUTDOOR UNIT CURRENT (A)	7.6	6.3	6.3	6.3	6.3	6.3
		COMPRESSOR CURRENT (A)	6.0	5.2	5.2	4.4	4.4	4.4
		INDOOR COIL TEMP RISE (°F)	38	31	36	23	17	18
	850	LIQUID PRESSURE (PSIG)	324	301	287	269	266	260
		LIQUID TEMPERATURE (°F)	77	70	66	62	54	53
		LIQUID SUBCOOLING (°F)	23	27	28	27	35	33
		SUCTION PRESSURE (PSIG)	139	112	99	81	60	54
		SUCTION TEMPERATURE (°F)	61	48	42	31	21	16
		SUCTION SUPERHEAT (°F)	12	10	10	10	13	12
		OUTDOOR UNIT CURRENT (A)	7.0	6.3	6.4	6.3	6.1	6.1
		COMPRESSOR CURRENT (A)	5.5	5.0	5.0	4.4	4.6	4.4
		INDOOR COIL TEMP RISE (°F)	31	25	27	19	14	14
	1050	LIQUID PRESSURE (PSIG)	292	275	266	257	264	250
		LIQUID TEMPERATURE (°F)	73	67	63	60	54	53
		LIQUID SUBCOOLING (°F)	21	24	25	27	35	31
		SUCTION PRESSURE (PSIG)	137	112	99	83	68	55
		SUCTION TEMPERATURE (°F)	61	48	42	32	26	17
		SUCTION SUPERHEAT (°F)	13	11	10	10	12	12
		OUTDOOR UNIT CURRENT (A)	6.4	6.3	6.4	6.3	5.9	5.9
		COMPRESSOR CURRENT (A)	4.9	4.8	4.7	4.6	4.7	4.4
		INDOOR COIL TEMP RISE (°F)	24	21	19	16	14	12
70	650	LIQUID PRESSURE (PSIG)	403	374	358	334	327	321
		LIQUID TEMPERATURE (°F)	89	81	77	72	64	62
		LIQUID SUBCOOLING (°F)	28	31	32	32	37	40
		SUCTION PRESSURE (PSIG)	141	114	100	81	60	55
		SUCTION TEMPERATURE (°F)	62	49	42	32	21	16
		SUCTION SUPERHEAT (°F)	12	10	10	11	13	13
		OUTDOOR UNIT CURRENT (A)	8.4	7.6	7.5	7.4	7.1	7.0
		COMPRESSOR CURRENT (A)	6.9	6.2	6.1	5.5	5.5	5.4
		INDOOR COIL TEMP RISE (°F)	36	30	31	23	18	18
	850	LIQUID PRESSURE (PSIG)	368	345	333	316	317	308
		LIQUID TEMPERATURE (°F)	85	78	74	69	63	61
		LIQUID SUBCOOLING (°F)	24	28	29	30	37	37
		SUCTION PRESSURE (PSIG)	139	113	99	82	64	55
		SUCTION TEMPERATURE (°F)	61	48	42	32	24	17
		SUCTION SUPERHEAT (°F)	11	10	10	10	12	12
		OUTDOOR UNIT CURRENT (A)	7.8	7.3	7.3	7.2	6.9	6.8
		COMPRESSOR CURRENT (A)	6.3	5.9	5.8	5.4	5.5	5.3
		INDOOR COIL TEMP RISE (°F)	29	24	24	19	14	14
	1050	LIQUID PRESSURE (PSIG)	334	318	310	299	308	295
		LIQUID TEMPERATURE (°F)	81	75	71	68	62	60
		LIQUID SUBCOOLING (°F)	22	25	27	28	36	35
		SUCTION PRESSURE (PSIG)	138	112	99	82	68	56
		SUCTION TEMPERATURE (°F)	61	48	42	32	26	19
		SUCTION SUPERHEAT (°F)	12	11	10	10	12	12
		OUTDOOR UNIT CURRENT (A)	7.2	7.1	7.1	7.0	6.7	6.6
		COMPRESSOR CURRENT (A)	5.7	5.6	5.5	5.3	5.4	5.2
		INDOOR COIL TEMP RISE (°F)	23	19	17	15	13	11

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YZT24B21S W/ CF/CM/CU24, AE24, AVC24 COILS (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	650	LIQUID PRESSURE (PSIG)	450	421	407	388	384	373
		LIQUID TEMPERATURE (°F)	97	89	85	79	74	70
		LIQUID SUBCOOLING (°F)	30	33	34	36	41	45
		SUCTION PRESSURE (PSIG)	141	115	101	84	70	59
		SUCTION TEMPERATURE (°F)	62	50	43	34	26	19
		SUCTION SUPERHEAT (°F)	12	11	11	11	11	13
		OUTDOOR UNIT CURRENT (A)	9.3	8.9	8.7	8.4	7.9	7.8
		COMPRESSOR CURRENT (A)	7.7	7.3	7.1	6.8	6.6	6.4
		INDOOR COIL TEMP RISE (°F)	35	30	27	24	20	18
	850	LIQUID PRESSURE (PSIG)	413	391	380	363	369	356
		LIQUID TEMPERATURE (°F)	93	86	82	77	72	69
		LIQUID SUBCOOLING (°F)	27	30	31	33	40	41
		SUCTION PRESSURE (PSIG)	140	114	100	83	70	57
		SUCTION TEMPERATURE (°F)	61	49	43	33	26	19
		SUCTION SUPERHEAT (°F)	11	11	11	11	11	13
		OUTDOOR UNIT CURRENT (A)	8.6	8.4	8.3	8.1	7.7	7.5
		COMPRESSOR CURRENT (A)	7.1	6.8	6.7	6.4	6.4	6.2
		INDOOR COIL TEMP RISE (°F)	28	24	22	19	16	14
	1050	LIQUID PRESSURE (PSIG)	377	360	353	340	338	331
		LIQUID TEMPERATURE (°F)	90	83	79	76	71	68
		LIQUID SUBCOOLING (°F)	23	27	29	30	39	39
		SUCTION PRESSURE (PSIG)	139	113	99	82	70	57
		SUCTION TEMPERATURE (°F)	61	49	43	33	27	20
		SUCTION SUPERHEAT (°F)	11	11	11	11	12	13
		OUTDOOR UNIT CURRENT (A)	8.0	7.8	7.8	7.7	7.5	7.2
		COMPRESSOR CURRENT (A)	6.5	6.4	6.2	6.0	6.0	5.9
		INDOOR COIL TEMP RISE (°F)	22	19	17	15	13	11

YZT24B21S W/ CF/CM/CU30, AE30, AVC30 COILS

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	650	LIQUID PRESSURE (PSIG)	359	329	312	284	263	261
		LIQUID TEMPERATURE (°F)	80	71	68	63	55	54
		LIQUID SUBCOOLING (°F)	29	32	32	30	33	35
		SUCTION PRESSURE (PSIG)	141	113	100	79	51	50
		SUCTION TEMPERATURE (°F)	61	47	41	31	15	14
		SUCTION SUPERHEAT (°F)	12	10	10	11	14	12
		OUTDOOR UNIT CURRENT (A)	7.6	6.3	6.3	6.3	6.2	6.2
		COMPRESSOR CURRENT (A)	6.0	5.2	5.2	4.3	4.3	4.3
		INDOOR COIL TEMP RISE (°F)	38	31	36	23	16	18
	850	LIQUID PRESSURE (PSIG)	326	303	290	271	260	253
		LIQUID TEMPERATURE (°F)	75	68	64	60	54	53
		LIQUID SUBCOOLING (°F)	25	29	30	29	33	32
		SUCTION PRESSURE (PSIG)	139	112	100	81	60	54
		SUCTION TEMPERATURE (°F)	60	47	41	31	20	15
		SUCTION SUPERHEAT (°F)	12	10	10	10	12	11
		OUTDOOR UNIT CURRENT (A)	7.0	6.3	6.4	6.3	6.1	6.1
		COMPRESSOR CURRENT (A)	5.5	5.0	5.0	4.4	4.5	4.3
		INDOOR COIL TEMP RISE (°F)	31	25	27	19	14	14
	1050	LIQUID PRESSURE (PSIG)	294	277	268	259	257	243
		LIQUID TEMPERATURE (°F)	71	65	61	58	54	53
		LIQUID SUBCOOLING (°F)	23	26	27	29	33	29
		SUCTION PRESSURE (PSIG)	137	112	100	83	69	55
		SUCTION TEMPERATURE (°F)	60	47	41	32	25	17
		SUCTION SUPERHEAT (°F)	13	11	10	10	11	11
		OUTDOOR UNIT CURRENT (A)	6.4	6.3	6.4	6.3	5.9	5.9
		COMPRESSOR CURRENT (A)	4.9	4.8	4.8	4.6	4.6	4.3
		INDOOR COIL TEMP RISE (°F)	25	21	19	16	14	12
70	650	LIQUID PRESSURE (PSIG)	406	376	361	337	318	313
		LIQUID TEMPERATURE (°F)	87	79	75	70	64	62
		LIQUID SUBCOOLING (°F)	30	33	35	35	36	38
		SUCTION PRESSURE (PSIG)	141	114	101	81	60	55
		SUCTION TEMPERATURE (°F)	61	48	41	32	20	15
		SUCTION SUPERHEAT (°F)	12	10	10	11	12	12
		OUTDOOR UNIT CURRENT (A)	8.4	7.6	7.5	7.4	7.0	7.0
		COMPRESSOR CURRENT (A)	6.9	6.2	6.2	5.5	5.4	5.3
		INDOOR COIL TEMP RISE (°F)	36	30	31	23	18	18
	850	LIQUID PRESSURE (PSIG)	371	348	336	318	309	300
		LIQUID TEMPERATURE (°F)	83	76	72	67	63	61
		LIQUID SUBCOOLING (°F)	26	30	31	32	36	36
		SUCTION PRESSURE (PSIG)	139	113	100	82	64	55
		SUCTION TEMPERATURE (°F)	60	47	41	32	23	17
		SUCTION SUPERHEAT (°F)	11	10	10	10	11	11
		OUTDOOR UNIT CURRENT (A)	7.8	7.3	7.3	7.2	6.8	6.8
		COMPRESSOR CURRENT (A)	6.3	5.9	5.8	5.4	5.4	5.2
		INDOOR COIL TEMP RISE (°F)	29	24	24	19	14	14
	1050	LIQUID PRESSURE (PSIG)	337	320	312	301	300	287
		LIQUID TEMPERATURE (°F)	79	73	69	66	62	60
		LIQUID SUBCOOLING (°F)	24	27	29	30	35	33
		SUCTION PRESSURE (PSIG)	138	112	100	82	69	56
		SUCTION TEMPERATURE (°F)	60	47	41	32	25	18
		SUCTION SUPERHEAT (°F)	12	11	10	10	11	11
		OUTDOOR UNIT CURRENT (A)	7.2	7.1	7.1	7.0	6.6	6.5
		COMPRESSOR CURRENT (A)	5.7	5.6	5.5	5.3	5.3	5.1
		INDOOR COIL TEMP RISE (°F)	23	19	17	15	13	11

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YZT24B21S W/ CF/CM/CU30, AE30, AVC30 COILS (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	650	LIQUID PRESSURE (PSIG)	454	424	410	391	374	364
		LIQUID TEMPERATURE (°F)	94	87	83	77	74	70
		LIQUID SUBCOOLING (°F)	32	36	37	39	40	43
		SUCTION PRESSURE (PSIG)	141	115	102	84	70	59
		SUCTION TEMPERATURE (°F)	61	49	42	34	25	18
		SUCTION SUPERHEAT (°F)	12	11	11	11	10	12
		OUTDOOR UNIT CURRENT (A)	9.3	8.9	8.7	8.4	7.8	7.7
		COMPRESSOR CURRENT (A)	7.7	7.3	7.1	6.8	6.5	6.3
		INDOOR COIL TEMP RISE (°F)	36	31	27	24	20	18
	850	LIQUID PRESSURE (PSIG)	416	394	382	366	359	347
		LIQUID TEMPERATURE (°F)	91	84	80	75	72	69
		LIQUID SUBCOOLING (°F)	29	32	33	36	38	40
		SUCTION PRESSURE (PSIG)	140	114	101	83	70	58
		SUCTION TEMPERATURE (°F)	60	48	42	33	25	18
		SUCTION SUPERHEAT (°F)	11	11	11	11	10	12
		OUTDOOR UNIT CURRENT (A)	8.6	8.4	8.3	8.1	7.6	7.4
		COMPRESSOR CURRENT (A)	7.1	6.8	6.7	6.4	6.3	6.1
		INDOOR COIL TEMP RISE (°F)	28	24	22	19	15	14
	1050	LIQUID PRESSURE (PSIG)	379	363	356	343	338	331
		LIQUID TEMPERATURE (°F)	88	81	77	74	71	68
		LIQUID SUBCOOLING (°F)	25	29	31	32	37	37
		SUCTION PRESSURE (PSIG)	139	113	100	82	70	58
		SUCTION TEMPERATURE (°F)	60	48	42	33	26	19
		SUCTION SUPERHEAT (°F)	11	11	11	11	11	12
		OUTDOOR UNIT CURRENT (A)	8.0	7.8	7.8	7.7	7.4	7.2
		COMPRESSOR CURRENT (A)	6.5	6.4	6.2	6.0	6.0	5.8
		INDOOR COIL TEMP RISE (°F)	23	19	17	15	13	11

YZT24B21S W/ CF/CM/CU36 COILS

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	650	LIQUID PRESSURE (PSIG)	346	318	301	274	247	245
		LIQUID TEMPERATURE (°F)	81	72	69	64	55	54
		LIQUID SUBCOOLING (°F)	25	28	28	26	29	30
		SUCTION PRESSURE (PSIG)	142	113	100	80	50	50
		SUCTION TEMPERATURE (°F)	61	47	41	31	14	13
		SUCTION SUPERHEAT (°F)	11	9	9	10	12	11
		OUTDOOR UNIT CURRENT (A)	7.2	5.9	5.9	5.9	5.9	5.9
		COMPRESSOR CURRENT (A)	5.4	4.7	4.7	3.9	3.9	3.9
		INDOOR COIL TEMP RISE (°F)	39	32	37	24	17	18
	850	LIQUID PRESSURE (PSIG)	315	292	279	262	244	238
		LIQUID TEMPERATURE (°F)	76	69	65	61	54	53
		LIQUID SUBCOOLING (°F)	22	25	26	25	29	28
		SUCTION PRESSURE (PSIG)	140	112	100	82	59	54
		SUCTION TEMPERATURE (°F)	60	47	41	31	19	14
		SUCTION SUPERHEAT (°F)	11	9	9	9	11	10
		OUTDOOR UNIT CURRENT (A)	6.6	5.9	6.0	5.9	5.7	5.7
		COMPRESSOR CURRENT (A)	5.0	4.5	4.5	4.0	4.0	3.9
		INDOOR COIL TEMP RISE (°F)	32	26	28	19	14	14
	1050	LIQUID PRESSURE (PSIG)	283	268	259	250	242	228
		LIQUID TEMPERATURE (°F)	72	66	62	59	54	53
		LIQUID SUBCOOLING (°F)	20	23	24	25	29	25
		SUCTION PRESSURE (PSIG)	138	112	100	84	68	55
		SUCTION TEMPERATURE (°F)	60	47	41	32	23	16
		SUCTION SUPERHEAT (°F)	12	10	9	9	10	10
		OUTDOOR UNIT CURRENT (A)	6.1	5.9	6.1	5.9	5.6	5.6
		COMPRESSOR CURRENT (A)	4.5	4.3	4.3	4.2	4.1	3.9
		INDOOR COIL TEMP RISE (°F)	25	21	19	16	14	12
70	650	LIQUID PRESSURE (PSIG)	392	363	348	325	299	294
		LIQUID TEMPERATURE (°F)	88	80	76	71	64	62
		LIQUID SUBCOOLING (°F)	26	29	30	30	31	33
		SUCTION PRESSURE (PSIG)	142	114	101	82	59	55
		SUCTION TEMPERATURE (°F)	61	48	41	32	19	14
		SUCTION SUPERHEAT (°F)	11	9	9	10	11	11
		OUTDOOR UNIT CURRENT (A)	8.0	7.1	7.1	6.9	6.7	6.6
		COMPRESSOR CURRENT (A)	6.2	5.6	5.6	4.9	4.8	4.8
		INDOOR COIL TEMP RISE (°F)	37	31	32	24	18	18
	850	LIQUID PRESSURE (PSIG)	358	336	324	307	290	282
		LIQUID TEMPERATURE (°F)	84	77	73	68	63	61
		LIQUID SUBCOOLING (°F)	23	26	27	28	31	31
		SUCTION PRESSURE (PSIG)	140	113	100	83	64	55
		SUCTION TEMPERATURE (°F)	60	47	41	32	21	16
		SUCTION SUPERHEAT (°F)	10	9	9	9	10	10
		OUTDOOR UNIT CURRENT (A)	7.4	6.9	6.9	6.8	6.5	6.4
		COMPRESSOR CURRENT (A)	5.7	5.3	5.3	4.9	4.8	4.7
		INDOOR COIL TEMP RISE (°F)	30	25	25	19	14	14
	1050	LIQUID PRESSURE (PSIG)	325	309	301	290	282	270
		LIQUID TEMPERATURE (°F)	80	74	70	67	62	60
		LIQUID SUBCOOLING (°F)	21	24	25	26	30	29
		SUCTION PRESSURE (PSIG)	139	112	100	83	68	56
		SUCTION TEMPERATURE (°F)	60	47	41	32	23	17
		SUCTION SUPERHEAT (°F)	11	10	9	9	10	10
		OUTDOOR UNIT CURRENT (A)	6.8	6.7	6.7	6.6	6.3	6.2
		COMPRESSOR CURRENT (A)	5.2	5.0	4.9	4.8	4.8	4.5
		INDOOR COIL TEMP RISE (°F)	24	19	17	15	13	11

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YZT24B21S W/ CF/CM/CU36 COILS (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	650	LIQUID PRESSURE (PSIG)	438	409	396	377	351	341
		LIQUID TEMPERATURE (°F)	96	88	84	78	74	70
		LIQUID SUBCOOLING (°F)	28	31	32	34	34	38
		SUCTION PRESSURE (PSIG)	142	115	102	85	69	58
		SUCTION TEMPERATURE (°F)	61	49	42	34	23	17
		SUCTION SUPERHEAT (°F)	11	10	10	10	9	11
		OUTDOOR UNIT CURRENT (A)	8.8	8.4	8.2	7.9	7.4	7.3
		COMPRESSOR CURRENT (A)	7.0	6.6	6.4	6.2	5.8	5.7
		INDOOR COIL TEMP RISE (°F)	36	31	28	24	20	18
	850	LIQUID PRESSURE (PSIG)	402	380	369	353	337	326
		LIQUID TEMPERATURE (°F)	92	85	81	76	72	69
		LIQUID SUBCOOLING (°F)	25	28	29	31	33	34
		SUCTION PRESSURE (PSIG)	141	114	101	84	69	57
		SUCTION TEMPERATURE (°F)	60	48	42	33	23	17
		SUCTION SUPERHEAT (°F)	10	10	10	10	9	11
		OUTDOOR UNIT CURRENT (A)	8.1	7.9	7.8	7.6	7.2	7.1
		COMPRESSOR CURRENT (A)	6.4	6.2	6.0	5.8	5.6	5.4
		INDOOR COIL TEMP RISE (°F)	29	25	23	19	16	14
	1050	LIQUID PRESSURE (PSIG)	366	350	343	331	323	311
		LIQUID TEMPERATURE (°F)	89	82	78	75	71	68
		LIQUID SUBCOOLING (°F)	22	25	27	28	32	32
		SUCTION PRESSURE (PSIG)	140	113	100	83	69	57
		SUCTION TEMPERATURE (°F)	60	48	42	33	24	18
		SUCTION SUPERHEAT (°F)	10	10	10	10	10	11
		OUTDOOR UNIT CURRENT (A)	7.5	7.4	7.4	7.2	7.0	6.8
		COMPRESSOR CURRENT (A)	5.8	5.8	5.6	5.4	5.4	5.2
		INDOOR COIL TEMP RISE (°F)	23	20	18	15	13	11

YZT24B21S W/ AE36, AVC36 COILS

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	650	LIQUID PRESSURE (PSIG)	343	314	298	271	243	243
		LIQUID TEMPERATURE (°F)	82	73	70	65	56	55
		LIQUID SUBCOOLING (°F)	24	27	27	25	27	28
		SUCTION PRESSURE (PSIG)	141	112	99	79	49	51
		SUCTION TEMPERATURE (°F)	62	48	42	32	14	13
		SUCTION SUPERHEAT (°F)	13	11	11	12	14	12
		OUTDOOR UNIT CURRENT (A)	7.3	6.1	6.1	6.1	6.0	6.0
		COMPRESSOR CURRENT (A)	5.7	4.9	4.9	3.9	4.0	4.0
		INDOOR COIL TEMP RISE (°F)	38	31	36	23	16	17
	850	LIQUID PRESSURE (PSIG)	311	289	276	259	240	234
		LIQUID TEMPERATURE (°F)	77	70	66	62	55	54
		LIQUID SUBCOOLING (°F)	21	24	25	24	27	26
		SUCTION PRESSURE (PSIG)	139	111	99	81	57	52
		SUCTION TEMPERATURE (°F)	61	48	42	32	19	14
		SUCTION SUPERHEAT (°F)	13	11	11	11	12	11
		OUTDOOR UNIT CURRENT (A)	6.8	6.1	6.1	6.1	5.9	5.9
		COMPRESSOR CURRENT (A)	5.2	4.7	4.7	4.1	4.1	4.0
		INDOOR COIL TEMP RISE (°F)	31	25	27	19	14	14
	1050	LIQUID PRESSURE (PSIG)	280	265	256	247	238	225
		LIQUID TEMPERATURE (°F)	73	67	63	60	55	54
		LIQUID SUBCOOLING (°F)	19	22	23	24	27	24
		SUCTION PRESSURE (PSIG)	137	111	99	83	66	53
		SUCTION TEMPERATURE (°F)	61	48	42	33	23	15
		SUCTION SUPERHEAT (°F)	14	12	11	11	11	11
		OUTDOOR UNIT CURRENT (A)	6.2	6.1	6.2	6.1	5.7	5.7
		COMPRESSOR CURRENT (A)	4.6	4.5	4.5	4.3	4.2	4.0
		INDOOR COIL TEMP RISE (°F)	24	21	19	16	13	11
70	650	LIQUID PRESSURE (PSIG)	387	359	345	321	294	289
		LIQUID TEMPERATURE (°F)	89	81	77	72	65	63
		LIQUID SUBCOOLING (°F)	25	28	29	29	29	31
		SUCTION PRESSURE (PSIG)	141	113	100	81	57	53
		SUCTION TEMPERATURE (°F)	62	49	42	33	19	14
		SUCTION SUPERHEAT (°F)	13	11	11	12	12	12
		OUTDOOR UNIT CURRENT (A)	8.1	7.3	7.2	7.1	6.8	6.7
		COMPRESSOR CURRENT (A)	6.5	5.9	5.8	5.1	4.9	4.9
		INDOOR COIL TEMP RISE (°F)	36	30	31	23	17	17
	850	LIQUID PRESSURE (PSIG)	354	332	320	304	285	277
		LIQUID TEMPERATURE (°F)	85	78	74	69	64	62
		LIQUID SUBCOOLING (°F)	22	25	26	27	29	29
		SUCTION PRESSURE (PSIG)	139	112	99	82	61	53
		SUCTION TEMPERATURE (°F)	61	48	42	33	21	15
		SUCTION SUPERHEAT (°F)	12	11	11	11	11	11
		OUTDOOR UNIT CURRENT (A)	7.5	7.1	7.1	6.9	6.6	6.5
		COMPRESSOR CURRENT (A)	5.9	5.6	5.5	5.1	4.9	4.7
		INDOOR COIL TEMP RISE (°F)	29	24	24	19	14	14
	1050	LIQUID PRESSURE (PSIG)	321	306	298	287	277	265
		LIQUID TEMPERATURE (°F)	81	75	71	68	63	61
		LIQUID SUBCOOLING (°F)	20	23	24	25	28	27
		SUCTION PRESSURE (PSIG)	138	111	99	82	66	54
		SUCTION TEMPERATURE (°F)	61	48	42	33	23	16
		SUCTION SUPERHEAT (°F)	13	12	11	11	11	11
		OUTDOOR UNIT CURRENT (A)	7.0	6.8	6.9	6.7	6.4	6.3
		COMPRESSOR CURRENT (A)	5.4	5.2	5.1	5.0	4.9	4.6
		INDOOR COIL TEMP RISE (°F)	23	19	17	15	13	10

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YZT24B21S W/ AE36, AVC36 COILS (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	650	LIQUID PRESSURE (PSIG)	433	405	391	373	345	336
		LIQUID TEMPERATURE (°F)	97	89	85	79	75	71
		LIQUID SUBCOOLING (°F)	27	30	31	32	32	35
		SUCTION PRESSURE (PSIG)	141	114	101	84	67	56
		SUCTION TEMPERATURE (°F)	62	50	43	35	23	16
		SUCTION SUPERHEAT (°F)	13	12	12	12	10	12
		OUTDOOR UNIT CURRENT (A)	8.9	8.6	8.4	8.1	7.6	7.4
		COMPRESSOR CURRENT (A)	7.3	6.9	6.7	6.4	5.9	5.8
		INDOOR COIL TEMP RISE (°F)	35	30	27	24	19	17
	850	LIQUID PRESSURE (PSIG)	397	376	365	349	332	321
		LIQUID TEMPERATURE (°F)	93	86	82	77	73	70
		LIQUID SUBCOOLING (°F)	24	27	28	30	31	32
		SUCTION PRESSURE (PSIG)	140	113	100	83	67	55
		SUCTION TEMPERATURE (°F)	61	49	43	34	23	16
		SUCTION SUPERHEAT (°F)	12	12	12	12	10	12
		OUTDOOR UNIT CURRENT (A)	8.3	8.1	8.0	7.8	7.4	7.2
		COMPRESSOR CURRENT (A)	6.7	6.4	6.3	6.0	5.7	5.5
		INDOOR COIL TEMP RISE (°F)	28	24	22	19	15	14
	1050	LIQUID PRESSURE (PSIG)	362	347	340	327	318	306
		LIQUID TEMPERATURE (°F)	90	83	79	76	72	69
		LIQUID SUBCOOLING (°F)	21	24	26	27	30	30
		SUCTION PRESSURE (PSIG)	139	112	99	82	67	55
		SUCTION TEMPERATURE (°F)	61	49	43	34	24	18
		SUCTION SUPERHEAT (°F)	12	12	12	12	11	12
		OUTDOOR UNIT CURRENT (A)	7.7	7.6	7.5	7.4	7.2	7.0
		COMPRESSOR CURRENT (A)	6.1	6.0	5.8	5.6	5.5	5.3
		INDOOR COIL TEMP RISE (°F)	22	19	17	15	12	11

FOR USE WITH MODELS WITH TXV:

YZT36B21S
HC19B3621S
HL19B3621S

YZT36B21S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	192 (9)	193 (8)	196 (9)	196 (9)
60	207 (9)	208 (8)	210 (8)	211 (9)
65	222 (8)	223 (7)	225 (8)	226 (8)
70	237 (8)	238 (7)	239 (7)	241 (7)
75	251 (7)	253 (6)	254 (7)	256 (7)
80	273 (7)	274 (6)	275 (7)	278 (7)
85	294 (7)	294 (6)	297 (7)	300 (7)
90	315 (7)	315 (6)	318 (7)	321 (7)
95	336 (6)	336 (6)	340 (7)	343 (7)
100	363 (6)	364 (6)	366 (6)	370 (6)
105	391 (6)	391 (6)	394 (6)	397 (6)
110	418 (6)	418 (6)	421 (6)	424 (6)
115	445 (6)	446 (6)	448 (6)	452 (6)
120	472 (6)	473 (6)	475 (6)	479 (6)
125	499 (6)	500 (6)	503 (6)	506 (6)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YZT36B21S W/ ANY COIL IN UPFLOW/HORIZONTAL LEFT

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	950	LIQUID PRESSURE (PSIG)	193	223	253	295	337	391	445	499
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	9	8	7	7	6	6	6	6
		SUCTION PRESSURE (PSIG)	120	123	125	127	129	132	134	136
		SUCTION TEMPERATURE (°F)	53	54	55	56	58	60	63	65
		SUCTION SUPERHEAT (°F)	12	12	12	13	13	15	16	18
		OUTDOOR UNIT CURRENT (A)	6.3	7.2	8.0	8.9	9.9	11.3	12.8	14.2
		COMPRESSOR CURRENT (A)	5.6	6.0	6.5	7.4	8.4	9.8	11.2	12.7
		INDOOR COIL TEMP DROP (°F)	19	21	23	23	22	21	20	19
	1200	LIQUID PRESSURE (PSIG)	194	224	254	296	338	392	446	500
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	9	8	7	7	6	6	6	6
		SUCTION PRESSURE (PSIG)	125	127	129	131	133	136	138	141
		SUCTION TEMPERATURE (°F)	57	57	57	58	60	62	64	67
		SUCTION SUPERHEAT (°F)	14	13	12	13	13	15	16	18
		OUTDOOR UNIT CURRENT (A)	6.4	7.2	8.0	9.0	9.9	11.4	12.8	14.3
		COMPRESSOR CURRENT (A)	5.6	6.1	6.5	7.4	8.4	9.8	11.3	12.7
		INDOOR COIL TEMP DROP (°F)	19	20	21	21	20	19	19	18
	1450	LIQUID PRESSURE (PSIG)	195	225	254	297	339	393	447	501
		LIQUID TEMPERATURE (°F)	59	68	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	9	8	7	7	6	6	6	6
		SUCTION PRESSURE (PSIG)	129	131	134	136	138	140	142	145
		SUCTION TEMPERATURE (°F)	60	59	59	60	61	64	66	68
		SUCTION SUPERHEAT (°F)	16	14	12	13	13	15	16	18
		OUTDOOR UNIT CURRENT (A)	6.4	7.2	8.0	9.0	9.9	11.4	12.8	14.3
		COMPRESSOR CURRENT (A)	5.6	6.1	6.5	7.5	8.4	9.8	11.3	12.7
		INDOOR COIL TEMP DROP (°F)	19	19	19	18	18	17	17	16

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YZT36B21S W/ ANY COIL IN UPFLOW/HORIZONTAL LEFT (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	950	LIQUID PRESSURE (PSIG)	192	222	252	294	336	390	445	499
		LIQUID TEMPERATURE (°F)	58	68	77	87	97	107	118	128
		LIQUID SUBCOOLING (°F)	9	8	7	7	6	6	6	6
		SUCTION PRESSURE (PSIG)	121	123	125	127	129	132	135	138
		SUCTION TEMPERATURE (°F)	54	54	55	56	57	60	62	64
		SUCTION SUPERHEAT (°F)	13	12	12	12	13	14	15	16
		OUTDOOR UNIT CURRENT (A)	6.3	7.1	8.0	8.9	9.9	11.3	12.7	14.2
		COMPRESSOR CURRENT (A)	5.6	6.0	6.5	7.4	8.4	9.8	11.2	12.7
		INDOOR COIL TEMP DROP (°F)	28	28	28	27	26	25	24	23
	1200	LIQUID PRESSURE (PSIG)	194	223	253	295	337	392	446	501
		LIQUID TEMPERATURE (°F)	58	68	77	87	97	108	118	128
		LIQUID SUBCOOLING (°F)	9	8	7	7	7	6	6	6
		SUCTION PRESSURE (PSIG)	125	128	130	132	135	138	142	145
		SUCTION TEMPERATURE (°F)	57	57	57	58	60	62	65	67
		SUCTION SUPERHEAT (°F)	15	13	12	13	13	14	15	16
		OUTDOOR UNIT CURRENT (A)	6.4	7.2	8.0	8.9	9.9	11.3	12.8	14.2
		COMPRESSOR CURRENT (A)	5.6	6.1	6.5	7.5	8.4	9.8	11.3	12.7
		INDOOR COIL TEMP DROP (°F)	26	25	25	24	23	22	21	20
	1450	LIQUID PRESSURE (PSIG)	195	225	254	296	338	393	448	503
		LIQUID TEMPERATURE (°F)	59	68	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	9	8	7	7	7	6	6	6
		SUCTION PRESSURE (PSIG)	130	132	135	137	140	144	148	152
		SUCTION TEMPERATURE (°F)	61	60	60	61	62	65	67	70
		SUCTION SUPERHEAT (°F)	16	15	13	13	13	14	15	17
		OUTDOOR UNIT CURRENT (A)	6.4	7.2	8.0	9.0	9.9	11.4	12.8	14.3
		COMPRESSOR CURRENT (A)	5.6	6.1	6.6	7.5	8.4	9.8	11.3	12.7
		INDOOR COIL TEMP DROP (°F)	23	23	23	22	21	20	19	18
80/67	950	LIQUID PRESSURE (PSIG)	196	225	254	296	339	393	448	502
		LIQUID TEMPERATURE (°F)	59	68	77	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	9	8	7	7	7	7	6	6
		SUCTION PRESSURE (PSIG)	130	133	136	138	141	144	146	149
		SUCTION TEMPERATURE (°F)	61	61	60	62	63	65	68	70
		SUCTION SUPERHEAT (°F)	17	15	13	13	14	15	16	17
		OUTDOOR UNIT CURRENT (A)	6.4	7.2	8.1	9.0	9.9	11.4	12.8	14.3
		COMPRESSOR CURRENT (A)	5.7	6.1	6.5	7.5	8.4	9.8	11.3	12.7
		INDOOR COIL TEMP DROP (°F)	18	20	23	23	22	21	20	20
	1200	LIQUID PRESSURE (PSIG)	196	225	255	297	340	394	449	503
		LIQUID TEMPERATURE (°F)	59	68	77	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	9	8	7	7	7	7	7	6
		SUCTION PRESSURE (PSIG)	132	136	140	142	145	147	150	153
		SUCTION TEMPERATURE (°F)	66	65	63	64	66	67	69	71
		SUCTION SUPERHEAT (°F)	21	18	14	14	15	16	17	18
		OUTDOOR UNIT CURRENT (A)	6.4	7.2	8.1	9.0	10.0	11.4	12.9	14.3
		COMPRESSOR CURRENT (A)	5.7	6.1	6.6	7.5	8.4	9.9	11.3	12.7
		INDOOR COIL TEMP DROP (°F)	18	19	21	20	20	19	19	18
	1450	LIQUID PRESSURE (PSIG)	197	226	255	298	341	395	450	504
		LIQUID TEMPERATURE (°F)	58	68	77	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	10	8	7	7	7	7	7	6
		SUCTION PRESSURE (PSIG)	135	139	144	146	148	151	154	157
		SUCTION TEMPERATURE (°F)	71	69	66	67	68	70	71	73
		SUCTION SUPERHEAT (°F)	25	21	16	16	15	16	17	18
		OUTDOOR UNIT CURRENT (A)	6.4	7.3	8.1	9.0	10.0	11.4	12.9	14.3
		COMPRESSOR CURRENT (A)	5.7	6.1	6.6	7.5	8.4	9.9	11.3	12.8
		INDOOR COIL TEMP DROP (°F)	18	18	18	18	18	17	17	16

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YZT36B21S W/ ANY COIL IN UPFLOW/HORIZONTAL LEFT (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	950	LIQUID PRESSURE (PSIG)	196	226	256	299	342	397	451	505
		LIQUID TEMPERATURE (°F)	58	68	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	10	8	7	7	7	7	6	6
		SUCTION PRESSURE (PSIG)	134	140	147	150	153	156	158	161
		SUCTION TEMPERATURE (°F)	71	69	67	68	68	71	73	75
		SUCTION SUPERHEAT (°F)	26	21	15	15	14	16	17	18
		OUTDOOR UNIT CURRENT (A)	6.4	7.3	8.1	9.1	10.1	11.5	12.9	14.4
		COMPRESSOR CURRENT (A)	5.7	6.1	6.6	7.6	8.5	9.9	11.4	12.8
		INDOOR COIL TEMP DROP (°F)	13	16	19	18	17	17	16	15
	1200	LIQUID PRESSURE (PSIG)	196	227	257	300	343	398	452	507
		LIQUID TEMPERATURE (°F)	58	68	78	88	99	108	118	128
		LIQUID SUBCOOLING (°F)	10	9	7	7	7	7	7	6
		SUCTION PRESSURE (PSIG)	135	142	150	153	156	159	162	164
		SUCTION TEMPERATURE (°F)	74	72	69	70	70	72	75	77
		SUCTION SUPERHEAT (°F)	28	23	17	16	15	16	18	19
		OUTDOOR UNIT CURRENT (A)	6.4	7.3	8.2	9.1	10.1	11.5	13.0	14.4
		COMPRESSOR CURRENT (A)	5.6	6.1	6.6	7.6	8.5	10.0	11.4	12.9
		INDOOR COIL TEMP DROP (°F)	13	15	16	16	15	15	14	14
	1450	LIQUID PRESSURE (PSIG)	197	227	258	301	344	399	453	508
		LIQUID TEMPERATURE (°F)	58	68	78	88	99	109	119	128
		LIQUID SUBCOOLING (°F)	10	9	7	7	7	7	7	6
		SUCTION PRESSURE (PSIG)	135	144	153	157	160	162	165	167
		SUCTION TEMPERATURE (°F)	76	74	72	72	72	74	76	78
		SUCTION SUPERHEAT (°F)	31	24	18	17	16	17	18	19
		OUTDOOR UNIT CURRENT (A)	6.4	7.3	8.2	9.1	10.1	11.6	13.0	14.5
		COMPRESSOR CURRENT (A)	5.6	6.2	6.7	7.6	8.5	10.0	11.5	12.9
		INDOOR COIL TEMP DROP (°F)	13	13	14	14	14	13	13	12

YZT36B21S W/ CF/CM/CU36, AE36, AVC36 COILS

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	950	LIQUID PRESSURE (PSIG)	392	363	354	351	317	299
		LIQUID TEMPERATURE (°F)	80	72	67	60	56	54
		LIQUID SUBCOOLING (°F)	36	39	43	50	45	42
		SUCTION PRESSURE (PSIG)	133	107	94	73	59	52
		SUCTION TEMPERATURE (°F)	55	43	37	28	18	12
		SUCTION SUPERHEAT (°F)	9	9	9	11	10	10
		OUTDOOR UNIT CURRENT (A)	11.4	10.5	10.5	10.5	9.4	8.4
		COMPRESSOR CURRENT (A)	10.0	8.6	8.6	8.6	7.5	7.5
		INDOOR COIL TEMP RISE (°F)	42	35	38	26	21	19
	1200	LIQUID PRESSURE (PSIG)	364	337	331	321	297	282
		LIQUID TEMPERATURE (°F)	75	69	65	59	55	53
		LIQUID SUBCOOLING (°F)	35	36	40	43	39	39
		SUCTION PRESSURE (PSIG)	131	106	93	69	59	49
		SUCTION TEMPERATURE (°F)	54	43	37	26	17	11
		SUCTION SUPERHEAT (°F)	9	9	9	12	9	11
		OUTDOOR UNIT CURRENT (A)	10.7	10.0	10.0	9.9	9.1	8.5
		COMPRESSOR CURRENT (A)	9.3	8.3	8.3	8.1	7.4	7.2
		INDOOR COIL TEMP RISE (°F)	34	29	30	20	17	15
	1450	LIQUID PRESSURE (PSIG)	336	313	309	293	277	265
		LIQUID TEMPERATURE (°F)	71	66	63	58	55	52
		LIQUID SUBCOOLING (°F)	34	34	36	37	35	36
		SUCTION PRESSURE (PSIG)	130	105	93	65	59	46
		SUCTION TEMPERATURE (°F)	54	43	37	25	17	10
		SUCTION SUPERHEAT (°F)	10	9	9	13	9	13
		OUTDOOR UNIT CURRENT (A)	10.0	9.5	9.4	9.3	8.8	8.7
		COMPRESSOR CURRENT (A)	8.6	8.1	8.0	7.6	7.3	7.0
		INDOOR COIL TEMP RISE (°F)	28	24	21	16	14	12
70	950	LIQUID PRESSURE (PSIG)	438	412	407	396	369	344
		LIQUID TEMPERATURE (°F)	90	80	75	69	66	62
		LIQUID SUBCOOLING (°F)	35	39	44	49	46	43
		SUCTION PRESSURE (PSIG)	135	108	95	76	60	53
		SUCTION TEMPERATURE (°F)	55	44	38	29	19	13
		SUCTION SUPERHEAT (°F)	7	9	9	10	10	10
		OUTDOOR UNIT CURRENT (A)	12.6	11.9	11.9	11.7	10.8	9.9
		COMPRESSOR CURRENT (A)	11.2	10.2	10.2	10.0	9.2	8.8
		INDOOR COIL TEMP RISE (°F)	39	34	34	26	21	18
	1200	LIQUID PRESSURE (PSIG)	409	384	381	369	346	330
		LIQUID TEMPERATURE (°F)	84	77	73	68	63	61
		LIQUID SUBCOOLING (°F)	34	36	41	43	40	40
		SUCTION PRESSURE (PSIG)	133	107	94	74	60	51
		SUCTION TEMPERATURE (°F)	54	43	37	28	18	12
		SUCTION SUPERHEAT (°F)	7	9	9	11	9	10
		OUTDOOR UNIT CURRENT (A)	11.8	11.2	11.2	11.0	10.4	9.9
		COMPRESSOR CURRENT (A)	10.5	9.7	9.7	9.4	8.8	8.5
		INDOOR COIL TEMP RISE (°F)	33	28	27	20	17	15
	1450	LIQUID PRESSURE (PSIG)	379	358	357	343	323	316
		LIQUID TEMPERATURE (°F)	80	74	71	67	63	61
		LIQUID SUBCOOLING (°F)	33	34	37	39	37	37
		SUCTION PRESSURE (PSIG)	132	106	94	72	60	49
		SUCTION TEMPERATURE (°F)	54	43	37	27	18	12
		SUCTION SUPERHEAT (°F)	9	9	9	11	9	11
		OUTDOOR UNIT CURRENT (A)	11.1	10.6	10.6	10.4	9.9	9.8
		COMPRESSOR CURRENT (A)	9.7	9.2	9.2	8.9	8.4	8.3
		INDOOR COIL TEMP RISE (°F)	27	22	20	16	14	12

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YZT36B21S W/ CF/CM/CU36, AE36, AVC36 COILS (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	950	LIQUID PRESSURE (PSIG)	485	461	459	442	422	389
		LIQUID TEMPERATURE (°F)	99	89	83	78	75	71
		LIQUID SUBCOOLING (°F)	34	40	45	48	47	46
		SUCTION PRESSURE (PSIG)	138	110	96	79	62	54
		SUCTION TEMPERATURE (°F)	56	45	39	31	20	15
		SUCTION SUPERHEAT (°F)	7	9	10	10	10	10
		OUTDOOR UNIT CURRENT (A)	13.8	13.2	13.2	12.8	12.3	11.5
		COMPRESSOR CURRENT (A)	12.5	11.8	11.9	11.4	10.9	10.1
		INDOOR COIL TEMP RISE (°F)	39	33	30	26	22	19
	1200	LIQUID PRESSURE (PSIG)	453	431	431	417	395	379
		LIQUID TEMPERATURE (°F)	94	86	81	77	73	71
		LIQUID SUBCOOLING (°F)	33	37	42	44	42	42
		SUCTION PRESSURE (PSIG)	136	109	95	79	62	53
		SUCTION TEMPERATURE (°F)	55	44	38	30	19	14
		SUCTION SUPERHEAT (°F)	7	9	9	10	9	10
		OUTDOOR UNIT CURRENT (A)	13.0	12.5	12.5	12.1	11.6	11.2
		COMPRESSOR CURRENT (A)	11.6	11.1	11.1	10.8	10.2	9.8
		INDOOR COIL TEMP RISE (°F)	32	28	24	21	17	15
	1450	LIQUID PRESSURE (PSIG)	422	402	404	393	369	368
		LIQUID TEMPERATURE (°F)	90	83	79	76	72	72
		LIQUID SUBCOOLING (°F)	32	35	40	41	39	39
		SUCTION PRESSURE (PSIG)	135	108	95	79	62	53
		SUCTION TEMPERATURE (°F)	55	44	38	30	19	14
		SUCTION SUPERHEAT (°F)	9	9	9	10	9	10
		OUTDOOR UNIT CURRENT (A)	12.2	11.7	11.8	11.5	11.0	10.9
		COMPRESSOR CURRENT (A)	10.8	10.3	10.4	10.1	9.5	9.5
		INDOOR COIL TEMP RISE (°F)	27	22	20	17	14	12

YZT36B21S W/ CF/CM/CU42 COILS

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	950	LIQUID PRESSURE (PSIG)	385	357	348	345	309	292
		LIQUID TEMPERATURE (°F)	80	72	67	59	56	54
		LIQUID SUBCOOLING (°F)	35	38	42	49	43	41
		SUCTION PRESSURE (PSIG)	134	108	95	74	60	52
		SUCTION TEMPERATURE (°F)	55	43	37	28	18	12
		SUCTION SUPERHEAT (°F)	8	8	8	10	10	10
		OUTDOOR UNIT CURRENT (A)	11.2	10.4	10.4	10.4	9.3	8.3
		COMPRESSOR CURRENT (A)	9.7	8.4	8.4	8.4	7.2	7.2
		INDOOR COIL TEMP RISE (°F)	41	35	38	25	21	19
	1200	LIQUID PRESSURE (PSIG)	358	331	325	316	290	275
		LIQUID TEMPERATURE (°F)	75	69	65	58	55	53
		LIQUID SUBCOOLING (°F)	34	35	39	42	38	38
		SUCTION PRESSURE (PSIG)	132	107	94	70	60	49
		SUCTION TEMPERATURE (°F)	54	43	37	26	17	11
		SUCTION SUPERHEAT (°F)	8	8	8	11	9	12
		OUTDOOR UNIT CURRENT (A)	10.5	9.9	9.8	9.7	9.0	8.4
		COMPRESSOR CURRENT (A)	9.1	8.1	8.1	7.9	7.2	7.0
		INDOOR COIL TEMP RISE (°F)	34	29	30	20	17	15
	1450	LIQUID PRESSURE (PSIG)	330	307	303	288	270	259
		LIQUID TEMPERATURE (°F)	71	66	63	57	55	52
		LIQUID SUBCOOLING (°F)	33	33	35	37	34	35
		SUCTION PRESSURE (PSIG)	131	106	94	65	60	46
		SUCTION TEMPERATURE (°F)	54	43	37	25	17	10
		SUCTION SUPERHEAT (°F)	9	8	8	12	9	13
		OUTDOOR UNIT CURRENT (A)	9.9	9.4	9.3	9.1	8.7	8.6
		COMPRESSOR CURRENT (A)	8.4	7.9	7.8	7.4	7.1	6.8
		INDOOR COIL TEMP RISE (°F)	28	23	21	16	14	11
70	950	LIQUID PRESSURE (PSIG)	431	405	399	389	360	335
		LIQUID TEMPERATURE (°F)	89	80	75	69	65	62
		LIQUID SUBCOOLING (°F)	34	38	43	48	44	42
		SUCTION PRESSURE (PSIG)	136	109	96	77	61	53
		SUCTION TEMPERATURE (°F)	55	44	38	29	20	13
		SUCTION SUPERHEAT (°F)	7	8	8	9	10	10
		OUTDOOR UNIT CURRENT (A)	12.4	11.7	11.7	11.5	10.7	9.8
		COMPRESSOR CURRENT (A)	11.0	10.0	10.0	9.8	8.9	8.5
		INDOOR COIL TEMP RISE (°F)	39	34	34	25	21	18
	1200	LIQUID PRESSURE (PSIG)	401	377	374	363	337	322
		LIQUID TEMPERATURE (°F)	84	77	73	68	63	61
		LIQUID SUBCOOLING (°F)	33	35	40	42	39	39
		SUCTION PRESSURE (PSIG)	134	108	95	75	61	51
		SUCTION TEMPERATURE (°F)	54	43	37	28	18	12
		SUCTION SUPERHEAT (°F)	7	8	8	10	9	10
		OUTDOOR UNIT CURRENT (A)	11.6	11.1	11.1	10.8	10.2	9.7
		COMPRESSOR CURRENT (A)	10.2	9.5	9.5	9.2	8.5	8.3
		INDOOR COIL TEMP RISE (°F)	33	28	26	20	17	15
	1450	LIQUID PRESSURE (PSIG)	372	351	350	337	315	308
		LIQUID TEMPERATURE (°F)	80	74	71	67	63	61
		LIQUID SUBCOOLING (°F)	32	33	37	38	36	36
		SUCTION PRESSURE (PSIG)	133	107	95	73	61	49
		SUCTION TEMPERATURE (°F)	54	43	37	27	18	12
		SUCTION SUPERHEAT (°F)	8	8	8	10	9	12
		OUTDOOR UNIT CURRENT (A)	10.9	10.4	10.4	10.2	9.7	9.7
		COMPRESSOR CURRENT (A)	9.5	9.0	9.0	8.7	8.2	8.0
		INDOOR COIL TEMP RISE (°F)	26	22	20	16	14	12

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YZT36B21S W/ CF/CM/CU42 COILS (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	950	LIQUID PRESSURE (PSIG)	477	453	451	434	411	379
		LIQUID TEMPERATURE (°F)	98	88	83	78	74	70
		LIQUID SUBCOOLING (°F)	33	39	44	46	45	44
		SUCTION PRESSURE (PSIG)	139	111	97	80	63	54
		SUCTION TEMPERATURE (°F)	57	45	39	31	21	15
		SUCTION SUPERHEAT (°F)	7	8	9	9	10	10
		OUTDOOR UNIT CURRENT (A)	13.6	13.0	13.0	12.6	12.1	11.3
		COMPRESSOR CURRENT (A)	12.2	11.6	11.6	11.2	10.6	9.8
		INDOOR COIL TEMP RISE (°F)	39	33	30	26	21	19
	1200	LIQUID PRESSURE (PSIG)	445	423	423	410	386	369
		LIQUID TEMPERATURE (°F)	93	85	81	77	72	70
		LIQUID SUBCOOLING (°F)	32	37	41	43	41	41
		SUCTION PRESSURE (PSIG)	137	110	96	80	63	53
		SUCTION TEMPERATURE (°F)	55	44	38	30	20	14
		SUCTION SUPERHEAT (°F)	7	8	8	9	9	10
		OUTDOOR UNIT CURRENT (A)	12.8	12.2	12.3	11.9	11.4	11.0
		COMPRESSOR CURRENT (A)	11.4	10.8	10.9	10.5	9.9	9.5
		INDOOR COIL TEMP RISE (°F)	32	28	24	21	17	15
	1450	LIQUID PRESSURE (PSIG)	415	395	397	386	360	359
		LIQUID TEMPERATURE (°F)	89	83	79	76	71	71
		LIQUID SUBCOOLING (°F)	31	34	39	40	38	38
		SUCTION PRESSURE (PSIG)	136	109	96	80	63	53
		SUCTION TEMPERATURE (°F)	55	44	38	30	20	14
		SUCTION SUPERHEAT (°F)	8	8	8	9	9	10
		OUTDOOR UNIT CURRENT (A)	12.0	11.5	11.6	11.3	10.8	10.8
		COMPRESSOR CURRENT (A)	10.5	10.1	10.2	9.9	9.3	9.3
		INDOOR COIL TEMP RISE (°F)	27	22	20	17	14	12

YZT36B21S W/ CF/CM/CU48, AE42, AVC42, AVC48 COILS

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	950	LIQUID PRESSURE (PSIG)	365	338	330	327	294	277
		LIQUID TEMPERATURE (°F)	80	71	66	59	53	51
		LIQUID SUBCOOLING (°F)	32	34	38	44	42	40
		SUCTION PRESSURE (PSIG)	135	109	96	74	58	51
		SUCTION TEMPERATURE (°F)	56	43	37	28	18	12
		SUCTION SUPERHEAT (°F)	8	8	8	10	11	11
		OUTDOOR UNIT CURRENT (A)	10.7	9.9	9.9	9.9	9.0	8.0
		COMPRESSOR CURRENT (A)	9.2	8.0	8.0	8.0	6.9	6.9
		INDOOR COIL TEMP RISE (°F)	41	35	38	25	21	19
	1200	LIQUID PRESSURE (PSIG)	339	314	308	299	275	261
		LIQUID TEMPERATURE (°F)	75	68	64	58	52	50
		LIQUID SUBCOOLING (°F)	31	32	35	38	37	37
		SUCTION PRESSURE (PSIG)	132	108	94	70	58	48
		SUCTION TEMPERATURE (°F)	55	43	37	26	17	11
		SUCTION SUPERHEAT (°F)	8	8	8	11	10	12
		OUTDOOR UNIT CURRENT (A)	10.1	9.5	9.4	9.3	8.7	8.2
		COMPRESSOR CURRENT (A)	8.6	7.7	7.7	7.5	6.9	6.7
		INDOOR COIL TEMP RISE (°F)	34	29	30	20	17	15
	1450	LIQUID PRESSURE (PSIG)	313	292	288	273	257	246
		LIQUID TEMPERATURE (°F)	70	65	62	57	52	49
		LIQUID SUBCOOLING (°F)	30	30	32	33	33	34
		SUCTION PRESSURE (PSIG)	131	107	94	66	58	45
		SUCTION TEMPERATURE (°F)	55	43	37	25	17	9
		SUCTION SUPERHEAT (°F)	9	8	8	12	10	13
		OUTDOOR UNIT CURRENT (A)	9.4	9.0	8.9	8.7	8.4	8.3
		COMPRESSOR CURRENT (A)	8.0	7.5	7.4	7.0	6.8	6.5
		INDOOR COIL TEMP RISE (°F)	28	24	21	16	14	11
70	950	LIQUID PRESSURE (PSIG)	409	384	379	369	342	318
		LIQUID TEMPERATURE (°F)	89	80	75	68	62	59
		LIQUID SUBCOOLING (°F)	31	34	39	43	43	41
		SUCTION PRESSURE (PSIG)	137	110	97	77	59	52
		SUCTION TEMPERATURE (°F)	56	44	38	29	19	13
		SUCTION SUPERHEAT (°F)	7	8	8	9	11	11
		OUTDOOR UNIT CURRENT (A)	11.9	11.2	11.2	11.0	10.4	9.5
		COMPRESSOR CURRENT (A)	10.4	9.5	9.5	9.3	8.5	8.1
		INDOOR COIL TEMP RISE (°F)	39	34	34	25	21	18
	1200	LIQUID PRESSURE (PSIG)	381	358	355	344	320	306
		LIQUID TEMPERATURE (°F)	84	77	72	67	60	58
		LIQUID SUBCOOLING (°F)	30	32	36	38	38	38
		SUCTION PRESSURE (PSIG)	135	109	96	75	59	50
		SUCTION TEMPERATURE (°F)	55	43	37	28	18	12
		SUCTION SUPERHEAT (°F)	7	8	8	10	10	11
		OUTDOOR UNIT CURRENT (A)	11.2	10.6	10.6	10.4	9.9	9.4
		COMPRESSOR CURRENT (A)	9.7	9.0	9.0	8.7	8.2	7.9
		INDOOR COIL TEMP RISE (°F)	33	28	27	20	17	15
	1450	LIQUID PRESSURE (PSIG)	353	333	332	319	299	293
		LIQUID TEMPERATURE (°F)	80	74	70	66	60	58
		LIQUID SUBCOOLING (°F)	29	30	33	34	35	35
		SUCTION PRESSURE (PSIG)	134	108	96	73	59	48
		SUCTION TEMPERATURE (°F)	55	43	37	27	18	12
		SUCTION SUPERHEAT (°F)	8	8	8	10	10	12
		OUTDOOR UNIT CURRENT (A)	10.4	10.0	10.0	9.8	9.4	9.4
		COMPRESSOR CURRENT (A)	9.0	8.5	8.5	8.2	7.8	7.7
		INDOOR COIL TEMP RISE (°F)	27	22	20	16	14	11

Continued on next page.

YZT36B21S W/ CF/CM/CU48, AE42, AVC42, AVC48 COILS (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	950	LIQUID PRESSURE (PSIG)	452	429	427	411	391	360
		LIQUID TEMPERATURE (°F)	98	88	83	78	71	67
		LIQUID SUBCOOLING (°F)	30	35	40	42	44	43
		SUCTION PRESSURE (PSIG)	140	112	98	80	61	53
		SUCTION TEMPERATURE (°F)	57	45	39	31	20	15
		SUCTION SUPERHEAT (°F)	7	8	9	9	11	11
		OUTDOOR UNIT CURRENT (A)	13.0	12.4	12.4	12.0	11.7	10.9
		COMPRESSOR CURRENT (A)	11.6	11.0	11.0	10.6	10.1	9.3
		INDOOR COIL TEMP RISE (°F)	39	33	30	26	21	18
	1200	LIQUID PRESSURE (PSIG)	422	402	402	389	366	351
		LIQUID TEMPERATURE (°F)	93	85	81	77	69	67
		LIQUID SUBCOOLING (°F)	29	33	37	39	40	40
		SUCTION PRESSURE (PSIG)	138	111	97	80	61	52
		SUCTION TEMPERATURE (°F)	56	44	38	30	19	14
		SUCTION SUPERHEAT (°F)	7	8	8	9	10	11
		OUTDOOR UNIT CURRENT (A)	12.2	11.7	11.8	11.4	11.1	10.7
		COMPRESSOR CURRENT (A)	10.8	10.3	10.3	10.0	9.5	9.1
		INDOOR COIL TEMP RISE (°F)	32	28	24	21	17	15
	1450	LIQUID PRESSURE (PSIG)	394	375	377	366	342	341
		LIQUID TEMPERATURE (°F)	89	83	79	76	68	68
		LIQUID SUBCOOLING (°F)	28	31	35	36	37	37
		SUCTION PRESSURE (PSIG)	137	110	97	80	61	52
		SUCTION TEMPERATURE (°F)	56	44	38	30	19	14
		SUCTION SUPERHEAT (°F)	8	8	8	9	10	11
		OUTDOOR UNIT CURRENT (A)	11.4	11.0	11.1	10.8	10.5	10.4
		COMPRESSOR CURRENT (A)	10.0	9.5	9.6	9.4	8.9	8.9
		INDOOR COIL TEMP RISE (°F)	27	22	20	17	14	12

YZT36B21S W/ AVC49 COILS

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	950	LIQUID PRESSURE (PSIG)	354	328	320	317	267	252
		LIQUID TEMPERATURE (°F)	77	69	64	57	57	55
		LIQUID SUBCOOLING (°F)	32	34	38	44	31	29
		SUCTION PRESSURE (PSIG)	133	107	94	73	58	51
		SUCTION TEMPERATURE (°F)	55	42	36	27	17	11
		SUCTION SUPERHEAT (°F)	8	8	8	10	10	10
		OUTDOOR UNIT CURRENT (A)	10.4	9.7	9.7	9.7	8.3	7.3
		COMPRESSOR CURRENT (A)	9.0	7.8	7.8	7.8	6.4	6.4
		INDOOR COIL TEMP RISE (°F)	38	33	36	24	19	17
	1200	LIQUID PRESSURE (PSIG)	329	305	299	290	250	237
		LIQUID TEMPERATURE (°F)	72	66	62	56	56	54
		LIQUID SUBCOOLING (°F)	31	32	35	38	27	27
		SUCTION PRESSURE (PSIG)	131	106	93	69	58	48
		SUCTION TEMPERATURE (°F)	54	42	36	25	16	10
		SUCTION SUPERHEAT (°F)	8	8	8	11	9	11
		OUTDOOR UNIT CURRENT (A)	9.8	9.2	9.2	9.1	8.0	7.5
		COMPRESSOR CURRENT (A)	8.4	7.6	7.5	7.3	6.3	6.2
		INDOOR COIL TEMP RISE (°F)	32	27	28	19	15	13
	1450	LIQUID PRESSURE (PSIG)	304	283	279	264	233	223
		LIQUID TEMPERATURE (°F)	68	63	60	55	56	53
		LIQUID SUBCOOLING (°F)	30	30	32	33	24	25
		SUCTION PRESSURE (PSIG)	130	105	93	65	58	45
		SUCTION TEMPERATURE (°F)	54	42	36	24	16	9
		SUCTION SUPERHEAT (°F)	9	8	8	12	9	12
		OUTDOOR UNIT CURRENT (A)	9.2	8.7	8.6	8.5	7.7	7.6
		COMPRESSOR CURRENT (A)	7.8	7.3	7.3	6.9	6.3	6.0
		INDOOR COIL TEMP RISE (°F)	26	22	20	15	13	10
70	950	LIQUID PRESSURE (PSIG)	396	372	367	358	310	289
		LIQUID TEMPERATURE (°F)	86	77	72	66	66	63
		LIQUID SUBCOOLING (°F)	31	34	39	43	32	30
		SUCTION PRESSURE (PSIG)	135	108	95	76	60	52
		SUCTION TEMPERATURE (°F)	55	43	37	28	18	12
		SUCTION SUPERHEAT (°F)	7	8	8	9	10	10
		OUTDOOR UNIT CURRENT (A)	11.5	10.9	10.9	10.7	9.5	8.7
		COMPRESSOR CURRENT (A)	10.2	9.3	9.3	9.1	7.9	7.5
		INDOOR COIL TEMP RISE (°F)	37	32	32	24	19	16
	1200	LIQUID PRESSURE (PSIG)	369	347	344	334	291	277
		LIQUID TEMPERATURE (°F)	81	74	70	65	64	62
		LIQUID SUBCOOLING (°F)	30	32	36	38	28	28
		SUCTION PRESSURE (PSIG)	133	107	94	74	60	50
		SUCTION TEMPERATURE (°F)	54	42	36	27	17	11
		SUCTION SUPERHEAT (°F)	7	8	8	10	9	10
		OUTDOOR UNIT CURRENT (A)	10.9	10.3	10.3	10.1	9.1	8.7
		COMPRESSOR CURRENT (A)	9.5	8.8	8.8	8.6	7.5	7.3
		INDOOR COIL TEMP RISE (°F)	31	26	25	19	15	13
	1450	LIQUID PRESSURE (PSIG)	342	323	322	309	271	266
		LIQUID TEMPERATURE (°F)	77	71	68	64	64	62
		LIQUID SUBCOOLING (°F)	29	30	33	34	26	26
		SUCTION PRESSURE (PSIG)	132	106	94	72	60	48
		SUCTION TEMPERATURE (°F)	54	42	36	26	17	11
		SUCTION SUPERHEAT (°F)	8	8	8	10	9	11
		OUTDOOR UNIT CURRENT (A)	10.2	9.7	9.7	9.5	8.7	8.6
		COMPRESSOR CURRENT (A)	8.8	8.3	8.3	8.0	7.2	7.1
		INDOOR COIL TEMP RISE (°F)	25	21	19	15	12	10

Continued on next page.

YZT36B21S W/ AVC49 COILS (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	950	LIQUID PRESSURE (PSIG)	438	416	414	399	355	327
		LIQUID TEMPERATURE (°F)	95	85	80	75	76	72
		LIQUID SUBCOOLING (°F)	30	35	40	42	32	32
		SUCTION PRESSURE (PSIG)	138	110	96	79	62	53
		SUCTION TEMPERATURE (°F)	56	44	38	30	19	14
		SUCTION SUPERHEAT (°F)	7	8	9	9	10	10
		OUTDOOR UNIT CURRENT (A)	12.7	12.1	12.1	11.7	10.8	10.0
		COMPRESSOR CURRENT (A)	11.3	10.7	10.8	10.4	9.3	8.6
		INDOOR COIL TEMP RISE (°F)	36	31	28	24	19	17
	1200	LIQUID PRESSURE (PSIG)	409	389	389	377	333	318
		LIQUID TEMPERATURE (°F)	90	82	78	74	74	72
		LIQUID SUBCOOLING (°F)	29	33	37	39	29	29
		SUCTION PRESSURE (PSIG)	136	109	95	79	62	52
		SUCTION TEMPERATURE (°F)	55	43	37	29	18	13
		SUCTION SUPERHEAT (°F)	7	8	8	9	9	10
		OUTDOOR UNIT CURRENT (A)	11.9	11.4	11.4	11.1	10.2	9.8
		COMPRESSOR CURRENT (A)	10.6	10.0	10.1	9.8	8.7	8.4
		INDOOR COIL TEMP RISE (°F)	30	26	23	20	15	13
	1450	LIQUID PRESSURE (PSIG)	382	363	365	355	310	309
		LIQUID TEMPERATURE (°F)	86	80	76	73	73	73
		LIQUID SUBCOOLING (°F)	28	31	35	36	27	27
		SUCTION PRESSURE (PSIG)	135	108	95	79	62	52
		SUCTION TEMPERATURE (°F)	55	43	37	29	18	13
		SUCTION SUPERHEAT (°F)	8	8	8	9	9	10
		OUTDOOR UNIT CURRENT (A)	11.1	10.7	10.8	10.5	9.6	9.6
		COMPRESSOR CURRENT (A)	9.8	9.4	9.4	9.2	8.2	8.2
		INDOOR COIL TEMP RISE (°F)	25	21	19	16	13	11

YZT36B21S W/ CF/CM/CU50, CF/CM/CU61 COILS

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	950	LIQUID PRESSURE (PSIG)	356	330	322	319	278	262
		LIQUID TEMPERATURE (°F)	80	72	67	60	56	54
		LIQUID SUBCOOLING (°F)	29	31	35	40	35	33
		SUCTION PRESSURE (PSIG)	133	108	94	73	57	50
		SUCTION TEMPERATURE (°F)	55	43	37	27	17	11
		SUCTION SUPERHEAT (°F)	8	8	8	10	10	10
		OUTDOOR UNIT CURRENT (A)	10.5	9.7	9.7	9.7	8.6	7.6
		COMPRESSOR CURRENT (A)	9.1	7.9	7.9	7.9	6.6	6.6
		INDOOR COIL TEMP RISE (°F)	41	35	38	25	21	19
	1200	LIQUID PRESSURE (PSIG)	331	307	301	292	261	248
		LIQUID TEMPERATURE (°F)	75	69	65	59	55	53
		LIQUID SUBCOOLING (°F)	28	29	32	35	30	30
		SUCTION PRESSURE (PSIG)	131	107	93	69	57	47
		SUCTION TEMPERATURE (°F)	54	43	37	25	16	10
		SUCTION SUPERHEAT (°F)	8	8	8	11	9	11
		OUTDOOR UNIT CURRENT (A)	9.9	9.3	9.2	9.1	8.3	7.8
		COMPRESSOR CURRENT (A)	8.5	7.6	7.6	7.4	6.5	6.4
		INDOOR COIL TEMP RISE (°F)	34	29	30	20	17	15
	1450	LIQUID PRESSURE (PSIG)	306	284	281	266	243	233
		LIQUID TEMPERATURE (°F)	71	66	63	58	55	52
		LIQUID SUBCOOLING (°F)	27	27	29	30	27	28
		SUCTION PRESSURE (PSIG)	130	106	93	65	57	44
		SUCTION TEMPERATURE (°F)	54	43	37	24	16	9
		SUCTION SUPERHEAT (°F)	9	8	8	12	9	12
		OUTDOOR UNIT CURRENT (A)	9.3	8.8	8.7	8.6	8.0	7.9
		COMPRESSOR CURRENT (A)	7.9	7.4	7.3	6.9	6.5	6.2
		INDOOR COIL TEMP RISE (°F)	28	23	21	16	14	11
70	950	LIQUID PRESSURE (PSIG)	399	374	370	360	324	301
		LIQUID TEMPERATURE (°F)	90	80	75	69	66	62
		LIQUID SUBCOOLING (°F)	28	31	36	39	35	34
		SUCTION PRESSURE (PSIG)	135	109	95	76	58	51
		SUCTION TEMPERATURE (°F)	55	44	38	28	18	12
		SUCTION SUPERHEAT (°F)	7	8	8	9	10	10
		OUTDOOR UNIT CURRENT (A)	11.6	11.0	11.0	10.8	9.9	9.0
		COMPRESSOR CURRENT (A)	10.3	9.3	9.4	9.2	8.1	7.8
		INDOOR COIL TEMP RISE (°F)	39	34	34	25	21	18
	1200	LIQUID PRESSURE (PSIG)	372	349	346	336	303	289
		LIQUID TEMPERATURE (°F)	85	77	73	68	64	61
		LIQUID SUBCOOLING (°F)	27	29	33	35	31	31
		SUCTION PRESSURE (PSIG)	133	108	94	74	58	49
		SUCTION TEMPERATURE (°F)	54	43	37	27	17	11
		SUCTION SUPERHEAT (°F)	7	8	8	10	9	10
		OUTDOOR UNIT CURRENT (A)	10.9	10.4	10.4	10.2	9.4	9.0
		COMPRESSOR CURRENT (A)	9.6	8.9	8.9	8.6	7.8	7.5
		INDOOR COIL TEMP RISE (°F)	33	27	26	20	17	15
	1450	LIQUID PRESSURE (PSIG)	344	325	324	312	283	277
		LIQUID TEMPERATURE (°F)	80	74	71	67	64	61
		LIQUID SUBCOOLING (°F)	27	27	30	31	29	29
		SUCTION PRESSURE (PSIG)	132	107	94	72	58	47
		SUCTION TEMPERATURE (°F)	54	43	37	26	17	11
		SUCTION SUPERHEAT (°F)	8	8	8	10	9	11
		OUTDOOR UNIT CURRENT (A)	10.2	9.8	9.8	9.6	9.0	8.9
		COMPRESSOR CURRENT (A)	8.9	8.4	8.4	8.1	7.5	7.3
		INDOOR COIL TEMP RISE (°F)	26	22	20	16	13	11

Continued on next page.

YZT36B21S W/ CF/CM/CU50, CF/CM/CU61 COILS (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	950	LIQUID PRESSURE (PSIG)	441	419	417	402	370	341
		LIQUID TEMPERATURE (°F)	99	89	84	78	75	71
		LIQUID SUBCOOLING (°F)	27	32	37	38	36	35
		SUCTION PRESSURE (PSIG)	138	111	96	79	60	52
		SUCTION TEMPERATURE (°F)	56	45	39	30	19	14
		SUCTION SUPERHEAT (°F)	7	8	9	9	10	10
		OUTDOOR UNIT CURRENT (A)	12.8	12.2	12.2	11.8	11.2	10.4
		COMPRESSOR CURRENT (A)	11.4	10.8	10.8	10.4	9.6	8.9
		INDOOR COIL TEMP RISE (°F)	39	33	30	26	21	18
	1200	LIQUID PRESSURE (PSIG)	412	392	392	379	347	332
		LIQUID TEMPERATURE (°F)	94	86	81	77	73	71
		LIQUID SUBCOOLING (°F)	27	30	34	36	33	33
		SUCTION PRESSURE (PSIG)	136	110	95	79	60	51
		SUCTION TEMPERATURE (°F)	55	44	38	29	18	13
		SUCTION SUPERHEAT (°F)	7	8	8	9	9	10
		OUTDOOR UNIT CURRENT (A)	12.0	11.5	11.5	11.2	10.6	10.2
		COMPRESSOR CURRENT (A)	10.6	10.1	10.2	9.8	9.0	8.7
		INDOOR COIL TEMP RISE (°F)	32	27	24	21	17	15
	1450	LIQUID PRESSURE (PSIG)	384	366	368	357	324	323
		LIQUID TEMPERATURE (°F)	90	84	79	76	72	72
		LIQUID SUBCOOLING (°F)	26	28	32	33	30	30
		SUCTION PRESSURE (PSIG)	135	109	95	79	60	51
		SUCTION TEMPERATURE (°F)	55	44	38	29	18	13
		SUCTION SUPERHEAT (°F)	8	8	8	9	9	10
		OUTDOOR UNIT CURRENT (A)	11.2	10.8	10.9	10.6	10.0	9.9
		COMPRESSOR CURRENT (A)	9.9	9.4	9.5	9.3	8.4	8.4
		INDOOR COIL TEMP RISE (°F)	26	22	20	17	14	12

FOR USE WITH MODELS WITH TXV:

YZT48B21S
HC19B4821S
HL19B4821S

YZT48B21S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	200 (10)	206 (11)	209 (12)	213 (13)
60	215 (10)	221 (11)	224 (11)	227 (12)
65	229 (9)	236 (10)	239 (10)	242 (11)
70	243 (8)	251 (9)	255 (10)	257 (10)
75	257 (7)	266 (8)	270 (9)	272 (9)
80	280 (8)	288 (8)	292 (9)	294 (9)
85	302 (8)	311 (8)	315 (9)	317 (9)
90	324 (8)	333 (8)	337 (9)	340 (9)
95	346 (8)	355 (8)	360 (9)	362 (9)
100	374 (8)	384 (8)	388 (9)	391 (9)
105	403 (8)	412 (8)	417 (9)	420 (9)
110	431 (8)	441 (8)	445 (9)	448 (9)
115	459 (8)	469 (8)	473 (9)	477 (9)
120	487 (8)	498 (8)	501 (8)	505 (9)
125	515 (7)	526 (8)	530 (8)	534 (9)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YZT48B21S W/ ANY COIL IN UPFLOW/HORIZONTAL LEFT

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1350	LIQUID PRESSURE (PSIG)	206	236	266	311	356	412	468	524
		LIQUID TEMPERATURE (°F)	60	69	79	89	99	109	119	129
		LIQUID SUBCOOLING (°F)	12	11	9	9	9	9	8	8
		SUCTION PRESSURE (PSIG)	121	122	123	125	128	130	133	136
		SUCTION TEMPERATURE (°F)	57	58	58	60	63	65	68	71
		SUCTION SUPERHEAT (°F)	16	17	18	19	19	21	23	25
		OUTDOOR UNIT CURRENT (A)	9.5	10.6	11.7	13.2	14.7	16.8	19.0	21.1
		COMPRESSOR CURRENT (A)	8.6	9.5	10.3	11.8	13.2	15.3	17.3	19.3
		INDOOR COIL TEMP DROP (°F)	20	21	23	22	22	21	21	20
	1600	LIQUID PRESSURE (PSIG)	208	237	267	312	357	413	469	525
		LIQUID TEMPERATURE (°F)	60	70	79	89	99	109	119	129
		LIQUID SUBCOOLING (°F)	12	11	9	9	9	9	9	8
		SUCTION PRESSURE (PSIG)	124	125	127	129	131	134	137	140
		SUCTION TEMPERATURE (°F)	59	60	60	62	64	66	69	72
		SUCTION SUPERHEAT (°F)	17	17	17	18	19	21	23	24
		OUTDOOR UNIT CURRENT (A)	9.6	10.7	11.8	13.2	14.7	16.9	19.1	21.2
		COMPRESSOR CURRENT (A)	8.7	9.6	10.4	11.8	13.3	15.3	17.4	19.4
		INDOOR COIL TEMP DROP (°F)	20	21	21	21	20	20	19	19
	1850	LIQUID PRESSURE (PSIG)	209	238	268	313	358	414	470	527
		LIQUID TEMPERATURE (°F)	60	70	79	89	99	109	119	129
		LIQUID SUBCOOLING (°F)	12	11	9	9	9	9	9	9
		SUCTION PRESSURE (PSIG)	127	129	130	132	134	137	140	144
		SUCTION TEMPERATURE (°F)	62	62	62	63	65	68	70	73
		SUCTION SUPERHEAT (°F)	18	18	17	18	19	20	22	24
		OUTDOOR UNIT CURRENT (A)	9.7	10.7	11.8	13.3	14.8	17.0	19.1	21.3
		COMPRESSOR CURRENT (A)	8.8	9.6	10.5	11.9	13.3	15.3	17.4	19.5
		INDOOR COIL TEMP DROP (°F)	20	20	19	19	19	18	18	17

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YZT48B21S W/ ANY COIL IN UPFLOW/HORIZONTAL LEFT (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/62	1350	LIQUID PRESSURE (PSIG)	206	236	265	310	355	411	468	525
		LIQUID TEMPERATURE (°F)	60	69	79	89	99	109	119	129
		LIQUID SUBCOOLING (°F)	12	10	9	9	9	9	8	8
		SUCTION PRESSURE (PSIG)	120	120	120	123	126	130	134	138
		SUCTION TEMPERATURE (°F)	56	57	58	60	63	65	68	71
		SUCTION SUPERHEAT (°F)	16	17	18	19	20	21	23	24
		OUTDOOR UNIT CURRENT (A)	9.5	10.6	11.8	13.2	14.7	16.9	19.1	21.3
		COMPRESSOR CURRENT (A)	8.6	9.5	10.4	11.8	13.2	15.3	17.4	19.5
		INDOOR COIL TEMP DROP (°F)	29	28	28	27	26	26	25	25
	1600	LIQUID PRESSURE (PSIG)	207	237	266	311	356	413	470	526
		LIQUID TEMPERATURE (°F)	60	69	79	89	99	109	119	129
		LIQUID SUBCOOLING (°F)	12	10	9	9	9	9	8	8
		SUCTION PRESSURE (PSIG)	123	124	126	128	130	135	139	143
		SUCTION TEMPERATURE (°F)	59	60	60	62	64	67	70	73
		SUCTION SUPERHEAT (°F)	17	17	17	18	19	20	22	24
		OUTDOOR UNIT CURRENT (A)	9.5	10.7	11.8	13.3	14.7	16.9	19.1	21.3
		COMPRESSOR CURRENT (A)	8.7	9.6	10.5	11.8	13.2	15.3	17.4	19.5
		INDOOR COIL TEMP DROP (°F)	27	26	25	25	24	24	23	22
	1850	LIQUID PRESSURE (PSIG)	208	238	268	312	357	414	471	528
		LIQUID TEMPERATURE (°F)	60	70	79	89	99	109	119	129
		LIQUID SUBCOOLING (°F)	12	10	9	9	9	9	9	8
		SUCTION PRESSURE (PSIG)	127	129	131	132	134	139	144	149
		SUCTION TEMPERATURE (°F)	62	62	62	63	65	68	71	75
		SUCTION SUPERHEAT (°F)	18	18	17	17	18	20	21	23
		OUTDOOR UNIT CURRENT (A)	9.6	10.7	11.9	13.3	14.8	17.0	19.2	21.4
		COMPRESSOR CURRENT (A)	8.7	9.6	10.5	11.9	13.3	15.4	17.5	19.6
		INDOOR COIL TEMP DROP (°F)	25	24	23	23	23	22	21	20
80/67	1350	LIQUID PRESSURE (PSIG)	209	239	269	314	360	416	473	530
		LIQUID TEMPERATURE (°F)	60	70	80	89	99	109	119	129
		LIQUID SUBCOOLING (°F)	12	11	9	9	9	9	9	9
		SUCTION PRESSURE (PSIG)	129	132	135	138	140	144	147	151
		SUCTION TEMPERATURE (°F)	63	63	64	65	67	70	74	77
		SUCTION SUPERHEAT (°F)	19	18	17	17	18	20	23	25
		OUTDOOR UNIT CURRENT (A)	9.7	10.9	12.0	13.4	14.8	17.0	19.2	21.4
		COMPRESSOR CURRENT (A)	8.8	9.7	10.6	12.0	13.3	15.4	17.5	19.6
		INDOOR COIL TEMP DROP (°F)	19	21	23	22	21	21	20	19
	1600	LIQUID PRESSURE (PSIG)	210	240	270	315	361	417	474	530
		LIQUID TEMPERATURE (°F)	60	70	80	89	99	109	119	129
		LIQUID SUBCOOLING (°F)	12	11	9	9	9	9	9	9
		SUCTION PRESSURE (PSIG)	132	136	139	141	143	147	150	153
		SUCTION TEMPERATURE (°F)	67	66	66	67	68	71	74	77
		SUCTION SUPERHEAT (°F)	22	19	17	17	18	20	22	24
		OUTDOOR UNIT CURRENT (A)	9.8	10.9	12.0	13.5	14.9	17.0	19.2	21.4
		COMPRESSOR CURRENT (A)	8.9	9.8	10.6	12.0	13.4	15.4	17.5	19.5
		INDOOR COIL TEMP DROP (°F)	19	20	21	21	20	19	19	18
	1850	LIQUID PRESSURE (PSIG)	211	241	271	316	362	418	474	531
		LIQUID TEMPERATURE (°F)	60	70	80	90	99	109	119	129
		LIQUID SUBCOOLING (°F)	13	11	9	9	10	9	9	9
		SUCTION PRESSURE (PSIG)	135	139	142	144	147	149	152	155
		SUCTION TEMPERATURE (°F)	71	69	68	69	69	72	75	77
		SUCTION SUPERHEAT (°F)	25	21	18	18	18	20	21	23
		OUTDOOR UNIT CURRENT (A)	9.8	10.9	12.0	13.5	14.9	17.1	19.2	21.3
		COMPRESSOR CURRENT (A)	8.9	9.8	10.7	12.0	13.4	15.5	17.5	19.5
		INDOOR COIL TEMP DROP (°F)	19	19	20	19	19	18	18	17

Continued on next page.

YZT48B21S W/ ANY COIL IN UPFLOW/HORIZONTAL LEFT (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1350	LIQUID PRESSURE (PSIG)	212	242	271	317	362	419	477	534
		LIQUID TEMPERATURE (°F)	60	70	80	90	100	110	119	129
		LIQUID SUBCOOLING (°F)	13	12	10	10	10	9	9	9
		SUCTION PRESSURE (PSIG)	137	140	143	146	149	154	159	164
		SUCTION TEMPERATURE (°F)	73	71	68	69	71	74	77	81
		SUCTION SUPERHEAT (°F)	27	23	18	18	18	20	21	23
		OUTDOOR UNIT CURRENT (A)	9.9	10.9	12.0	13.5	14.9	17.2	19.4	21.7
		COMPRESSOR CURRENT (A)	9.0	9.8	10.6	12.0	13.4	15.6	17.7	19.9
		INDOOR COIL TEMP DROP (°F)	13	16	19	18	17	16	15	14
	1600	LIQUID PRESSURE (PSIG)	213	243	272	317	363	420	477	534
		LIQUID TEMPERATURE (°F)	60	70	80	90	100	110	120	130
		LIQUID SUBCOOLING (°F)	14	12	10	10	10	10	9	9
		SUCTION PRESSURE (PSIG)	138	142	146	150	153	157	162	166
		SUCTION TEMPERATURE (°F)	75	73	70	71	72	76	79	82
		SUCTION SUPERHEAT (°F)	29	24	19	18	18	20	22	24
		OUTDOOR UNIT CURRENT (A)	9.9	11.0	12.0	13.5	15.0	17.2	19.4	21.6
		COMPRESSOR CURRENT (A)	9.0	9.8	10.6	12.0	13.4	15.6	17.7	19.8
		INDOOR COIL TEMP DROP (°F)	13	15	17	16	15	15	14	13
	1850	LIQUID PRESSURE (PSIG)	214	243	273	318	364	421	478	535
		LIQUID TEMPERATURE (°F)	60	70	80	90	100	110	120	130
		LIQUID SUBCOOLING (°F)	14	12	10	10	10	10	9	9
		SUCTION PRESSURE (PSIG)	140	144	149	153	157	161	164	168
		SUCTION TEMPERATURE (°F)	77	74	72	73	74	77	80	83
		SUCTION SUPERHEAT (°F)	30	25	20	19	18	20	22	24
		OUTDOOR UNIT CURRENT (A)	10.0	11.0	12.0	13.5	15.0	17.2	19.3	21.5
		COMPRESSOR CURRENT (A)	9.1	9.9	10.7	12.1	13.5	15.5	17.6	19.7
		INDOOR COIL TEMP DROP (°F)	13	14	15	14	14	13	12	12

YZT48B21S W/ CF/CM/CU64, AE64, AVC64 COILS

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1350	LIQUID PRESSURE (PSIG)	347	320	312	294	249	239
		LIQUID TEMPERATURE (°F)	85	80	78	75	62	60
		LIQUID SUBCOOLING (°F)	21	20	21	19	21	20
		SUCTION PRESSURE (PSIG)	114	95	85	75	53	46
		SUCTION TEMPERATURE (°F)	52	41	35	27	11	7
		SUCTION SUPERHEAT (°F)	15	12	12	10	9	9
		OUTDOOR UNIT CURRENT (A)	17.7	16.4	15.0	15.0	11.1	11.1
		COMPRESSOR CURRENT (A)	15.3	13.9	13.9	12.6	10.0	9.0
		INDOOR COIL TEMP RISE (°F)	46	38	46	32	20	18
	1600	LIQUID PRESSURE (PSIG)	325	304	296	279	240	230
		LIQUID TEMPERATURE (°F)	82	78	75	72	61	60
		LIQUID SUBCOOLING (°F)	20	19	19	18	20	18
		SUCTION PRESSURE (PSIG)	112	94	84	73	53	46
		SUCTION TEMPERATURE (°F)	51	40	34	26	10	7
		SUCTION SUPERHEAT (°F)	15	12	12	10	8	8
		OUTDOOR UNIT CURRENT (A)	16.8	15.8	15.1	14.8	11.1	11.2
		COMPRESSOR CURRENT (A)	14.5	13.5	13.4	12.4	9.6	9.1
		INDOOR COIL TEMP RISE (°F)	40	33	36	28	17	16
	1850	LIQUID PRESSURE (PSIG)	305	288	280	265	230	222
		LIQUID TEMPERATURE (°F)	79	75	73	70	60	59
		LIQUID SUBCOOLING (°F)	19	18	18	17	19	18
		SUCTION PRESSURE (PSIG)	110	93	84	71	53	47
		SUCTION TEMPERATURE (°F)	51	40	34	25	10	7
		SUCTION SUPERHEAT (°F)	16	13	12	10	7	8
		OUTDOOR UNIT CURRENT (A)	16.0	15.3	15.1	14.5	11.2	11.4
		COMPRESSOR CURRENT (A)	13.8	13.1	12.9	12.2	9.3	9.3
		INDOOR COIL TEMP RISE (°F)	34	30	27	24	16	15
70	1350	LIQUID PRESSURE (PSIG)	396	345	359	339	289	274
		LIQUID TEMPERATURE (°F)	95	85	87	83	73	73
		LIQUID SUBCOOLING (°F)	21	20	20	21	20	17
		SUCTION PRESSURE (PSIG)	116	100	87	73	55	47
		SUCTION TEMPERATURE (°F)	53	42	36	26	13	4
		SUCTION SUPERHEAT (°F)	14	11	11	10	9	4
		OUTDOOR UNIT CURRENT (A)	19.8	15.5	17.6	17.2	13.0	12.7
		COMPRESSOR CURRENT (A)	17.3	13.2	15.8	14.6	11.3	10.5
		INDOOR COIL TEMP RISE (°F)	45	32	41	31	20	17
	1600	LIQUID PRESSURE (PSIG)	373	331	342	323	275	264
		LIQUID TEMPERATURE (°F)	92	84	85	82	72	72
		LIQUID SUBCOOLING (°F)	20	19	19	18	19	15
		SUCTION PRESSURE (PSIG)	114	99	86	73	53	46
		SUCTION TEMPERATURE (°F)	52	41	35	26	10	3
		SUCTION SUPERHEAT (°F)	14	11	11	8	6	3
		OUTDOOR UNIT CURRENT (A)	18.8	14.9	17.2	16.7	12.8	12.7
		COMPRESSOR CURRENT (A)	16.4	12.8	15.1	14.2	10.9	10.4
		INDOOR COIL TEMP RISE (°F)	38	28	33	27	17	15
	1850	LIQUID PRESSURE (PSIG)	350	317	325	309	262	256
		LIQUID TEMPERATURE (°F)	88	82	83	81	72	71
		LIQUID SUBCOOLING (°F)	19	18	18	16	16	15
		SUCTION PRESSURE (PSIG)	113	98	86	74	51	47
		SUCTION TEMPERATURE (°F)	52	41	35	26	6	3
		SUCTION SUPERHEAT (°F)	15	12	11	8	3	3
		OUTDOOR UNIT CURRENT (A)	17.9	14.4	16.8	16.2	12.7	12.6
		COMPRESSOR CURRENT (A)	15.5	12.4	14.5	13.9	10.5	10.4
		INDOOR COIL TEMP RISE (°F)	33	24	27	24	14	13

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YZT48B21S W/ CF/CM/CU64, AE64, AVC64 COILS (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1350	LIQUID PRESSURE (PSIG)	445	371	406	385	329	309
		LIQUID TEMPERATURE (°F)	105	92	98	92	86	85
		LIQUID SUBCOOLING (°F)	22	20	20	23	20	15
		SUCTION PRESSURE (PSIG)	119	105	90	71	58	48
		SUCTION TEMPERATURE (°F)	54	44	37	25	15	3
		SUCTION SUPERHEAT (°F)	14	10	11	10	9	2
		OUTDOOR UNIT CURRENT (A)	21.9	14.5	20.3	19.3	15.0	14.4
		COMPRESSOR CURRENT (A)	19.2	12.5	17.7	16.6	12.7	12.0
		INDOOR COIL TEMP RISE (°F)	44	27	36	30	21	18
	1600	LIQUID PRESSURE (PSIG)	421	358	388	369	311	300
		LIQUID TEMPERATURE (°F)	102	91	96	92	85	84
		LIQUID SUBCOOLING (°F)	20	19	19	19	18	13
		SUCTION PRESSURE (PSIG)	117	104	89	74	54	47
		SUCTION TEMPERATURE (°F)	53	43	36	26	9	2
		SUCTION SUPERHEAT (°F)	14	10	11	8	4	2
		OUTDOOR UNIT CURRENT (A)	20.8	14.0	19.4	18.6	14.4	14.1
		COMPRESSOR CURRENT (A)	18.2	12.1	16.9	16.1	12.1	11.7
		INDOOR COIL TEMP RISE (°F)	37	24	31	27	17	15
	1850	LIQUID PRESSURE (PSIG)	397	346	371	354	295	291
		LIQUID TEMPERATURE (°F)	98	90	94	93	85	84
		LIQUID SUBCOOLING (°F)	19	18	18	15	15	11
		SUCTION PRESSURE (PSIG)	116	104	89	77	50	47
		SUCTION TEMPERATURE (°F)	53	43	36	28	5	2
		SUCTION SUPERHEAT (°F)	15	11	11	8	3	2
		OUTDOOR UNIT CURRENT (A)	19.8	13.6	18.6	18.0	13.9	13.8
		COMPRESSOR CURRENT (A)	17.3	11.7	16.1	15.5	11.5	11.5
		INDOOR COIL TEMP RISE (°F)	32	20	27	24	14	13

FOR USE WITH MODELS WITH TXV:

YZT60B21S
HC19B6021S
HL19B6021S

YZT60B21S SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	193 (10)	192 (9)	193 (10)	194 (11)
60	212 (10)	211 (9)	213 (10)	213 (11)
65	230 (10)	230 (9)	232 (10)	232 (11)
70	248 (10)	249 (9)	251 (10)	252 (11)
75	266 (10)	268 (9)	271 (10)	272 (11)
80	290 (10)	291 (9)	294 (10)	295 (11)
85	313 (10)	313 (9)	317 (10)	318 (10)
90	336 (10)	336 (9)	340 (10)	341 (10)
95	359 (10)	359 (9)	363 (10)	364 (10)
100	388 (10)	387 (9)	391 (10)	393 (10)
105	417 (11)	416 (9)	420 (10)	421 (10)
110	446 (11)	444 (10)	448 (10)	450 (10)
115	475 (11)	472 (10)	476 (10)	479 (10)
120	504 (11)	501 (10)	504 (10)	507 (10)
125	533 (11)	529 (10)	533 (10)	536 (10)

Charging chart is for use in High Stage (full capacity) mode only.
Charging chart is for use in Cooling mode only.
Subcooling Chart is for use with TXV indoor expansion device only.

YZT60B21S W/ ANY COIL IN UPFLOW/HORIZONTAL LEFT

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1500	LIQUID PRESSURE (PSIG)	192	228	264	310	356	413	470	527
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	10	10	10	10	10	10	10	10
		SUCTION PRESSURE (PSIG)	114	118	121	124	127	129	132	134
		SUCTION TEMPERATURE (°F)	55	54	53	55	57	60	63	66
		SUCTION SUPERHEAT (°F)	16	13	11	12	13	15	17	19
		OUTDOOR UNIT CURRENT (A)	11.7	13.0	14.2	16.0	17.7	20.2	22.7	25.1
		COMPRESSOR CURRENT (A)	9.8	11.1	12.4	14.1	15.8	18.3	20.8	23.3
		INDOOR COIL TEMP DROP (°F)	19	22	24	24	23	22	21	20
	1800	LIQUID PRESSURE (PSIG)	193	229	266	312	357	414	471	528
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	10	10	10	10	10	10	10	10
		SUCTION PRESSURE (PSIG)	115	120	125	128	131	133	135	137
		SUCTION TEMPERATURE (°F)	58	57	55	57	58	61	64	67
		SUCTION SUPERHEAT (°F)	18	15	12	12	13	14	16	18
		OUTDOOR UNIT CURRENT (A)	11.7	13.0	14.3	16.0	17.8	20.2	22.7	25.2
		COMPRESSOR CURRENT (A)	9.7	11.1	12.5	14.2	15.8	18.3	20.8	23.3
		INDOOR COIL TEMP DROP (°F)	19	21	23	22	21	21	20	19
	2100	LIQUID PRESSURE (PSIG)	193	230	268	313	358	415	472	529
		LIQUID TEMPERATURE (°F)	57	68	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	10	10	10	10	10	10	10	10
		SUCTION PRESSURE (PSIG)	117	123	128	131	134	136	138	140
		SUCTION TEMPERATURE (°F)	62	60	57	58	60	62	65	67
		SUCTION SUPERHEAT (°F)	21	17	13	13	13	14	16	18
		OUTDOOR UNIT CURRENT (A)	11.7	13.1	14.4	16.1	17.8	20.3	22.8	25.3
		COMPRESSOR CURRENT (A)	9.7	11.2	12.7	14.3	15.9	18.4	20.9	23.4
		INDOOR COIL TEMP DROP (°F)	19	20	21	20	20	19	18	17

Continued on next page.

YZT60B21S W/ ANY COIL IN UPFLOW/HORIZONTAL LEFT (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
80/62	1500	LIQUID PRESSURE (PSIG)	192	229	267	313	359	415	471	528
		LIQUID TEMPERATURE (°F)	57	68	78	89	99	108	118	128
		LIQUID SUBCOOLING (°F)	10	10	10	10	10	10	10	10
		SUCTION PRESSURE (PSIG)	114	118	122	125	127	130	132	134
		SUCTION TEMPERATURE (°F)	56	54	53	54	56	60	63	66
		SUCTION SUPERHEAT (°F)	17	14	11	11	12	14	17	19
		OUTDOOR UNIT CURRENT (A)	11.6	12.9	14.3	16.0	17.7	20.2	22.8	25.3
		COMPRESSOR CURRENT (A)	9.7	11.0	12.3	14.1	15.9	18.4	21.0	23.5
		INDOOR COIL TEMP DROP (°F)	29	29	29	28	28	26	25	24
	1800	LIQUID PRESSURE (PSIG)	193	230	268	314	360	416	473	529
		LIQUID TEMPERATURE (°F)	57	68	79	89	99	108	118	128
		LIQUID SUBCOOLING (°F)	10	10	10	10	10	10	10	10
		SUCTION PRESSURE (PSIG)	116	121	126	129	131	134	136	139
		SUCTION TEMPERATURE (°F)	60	57	55	56	58	61	64	67
		SUCTION SUPERHEAT (°F)	20	16	12	12	12	14	16	18
		OUTDOOR UNIT CURRENT (A)	11.7	13.0	14.3	16.1	17.8	20.3	22.8	25.3
		COMPRESSOR CURRENT (A)	9.7	11.1	12.4	14.2	15.9	18.5	21.0	23.6
		INDOOR COIL TEMP DROP (°F)	26	26	27	26	26	24	23	22
	2100	LIQUID PRESSURE (PSIG)	194	232	270	315	361	417	474	531
		LIQUID TEMPERATURE (°F)	57	68	79	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	10	10	10	10	10	10	10	10
		SUCTION PRESSURE (PSIG)	118	124	130	133	135	138	141	144
		SUCTION TEMPERATURE (°F)	64	60	57	58	59	62	65	68
		SUCTION SUPERHEAT (°F)	22	17	12	12	12	14	16	17
		OUTDOOR UNIT CURRENT (A)	11.7	13.1	14.4	16.1	17.8	20.4	22.9	25.4
		COMPRESSOR CURRENT (A)	9.7	11.1	12.5	14.2	16.0	18.5	21.1	23.6
		INDOOR COIL TEMP DROP (°F)	24	24	25	24	24	23	21	20
80/67	1500	LIQUID PRESSURE (PSIG)	193	231	270	316	363	419	476	532
		LIQUID TEMPERATURE (°F)	57	68	79	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	10	10	10	10	10	10	10	10
		SUCTION PRESSURE (PSIG)	117	125	132	135	138	141	143	145
		SUCTION TEMPERATURE (°F)	64	61	58	59	60	63	66	68
		SUCTION SUPERHEAT (°F)	22	17	12	12	12	14	15	17
		OUTDOOR UNIT CURRENT (A)	11.7	13.1	14.5	16.2	18.0	20.5	23.0	25.4
		COMPRESSOR CURRENT (A)	10.2	11.4	12.7	14.4	16.2	18.7	21.2	23.7
		INDOOR COIL TEMP DROP (°F)	18	21	24	23	23	22	21	20
	1800	LIQUID PRESSURE (PSIG)	194	233	271	317	363	420	477	533
		LIQUID TEMPERATURE (°F)	57	68	79	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	11	10	10	10	10	10	10	11
		SUCTION PRESSURE (PSIG)	118	127	136	139	142	144	146	149
		SUCTION TEMPERATURE (°F)	66	63	61	61	62	65	67	69
		SUCTION SUPERHEAT (°F)	24	19	13	13	12	14	15	17
		OUTDOOR UNIT CURRENT (A)	11.7	13.1	14.5	16.3	18.0	20.5	23.0	25.5
		COMPRESSOR CURRENT (A)	10.1	11.4	12.8	14.6	16.4	18.9	21.3	23.7
		INDOOR COIL TEMP DROP (°F)	18	20	22	22	21	20	19	18
	2100	LIQUID PRESSURE (PSIG)	195	234	273	319	364	421	477	534
		LIQUID TEMPERATURE (°F)	57	68	79	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	11	11	10	10	11	11	11	11
		SUCTION PRESSURE (PSIG)	120	129	139	142	145	148	150	152
		SUCTION TEMPERATURE (°F)	68	66	63	64	64	66	68	70
		SUCTION SUPERHEAT (°F)	25	20	14	14	13	14	15	16
		OUTDOOR UNIT CURRENT (A)	11.7	13.2	14.6	16.3	18.1	20.5	23.0	25.5
		COMPRESSOR CURRENT (A)	9.9	11.4	12.9	14.8	16.7	19.0	21.4	23.8
		INDOOR COIL TEMP DROP (°F)	18	19	20	20	20	19	18	17

Continued on next page.

YZT60B21S W/ ANY COIL IN UPFLOW/HORIZONTAL LEFT (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/72	1500	LIQUID PRESSURE (PSIG)	196	234	271	317	363	421	478	536
		LIQUID TEMPERATURE (°F)	57	68	78	89	99	108	118	128
		LIQUID SUBCOOLING (°F)	11	11	11	11	11	11	11	11
		SUCTION PRESSURE (PSIG)	120	131	141	145	148	152	155	158
		SUCTION TEMPERATURE (°F)	68	67	65	65	65	68	70	73
		SUCTION SUPERHEAT (°F)	25	20	15	14	13	14	15	17
		OUTDOOR UNIT CURRENT (A)	11.8	13.2	14.5	16.2	17.9	20.5	23.0	25.5
		COMPRESSOR CURRENT (A)	9.9	11.4	12.8	14.5	16.2	18.8	21.3	23.9
		INDOOR COIL TEMP DROP (°F)	11	15	19	18	18	17	16	15
	1800	LIQUID PRESSURE (PSIG)	192	232	272	318	364	422	479	537
		LIQUID TEMPERATURE (°F)	57	68	78	89	99	108	118	128
		LIQUID SUBCOOLING (°F)	10	10	11	11	11	11	11	11
		SUCTION PRESSURE (PSIG)	132	137	143	147	151	155	158	162
		SUCTION TEMPERATURE (°F)	69	68	67	67	67	69	72	74
		SUCTION SUPERHEAT (°F)	22	19	16	15	14	15	16	17
		OUTDOOR UNIT CURRENT (A)	9.7	12.1	14.6	16.3	18.0	20.5	23.0	25.6
		COMPRESSOR CURRENT (A)	7.8	10.3	12.8	14.5	16.3	18.8	21.4	23.9
		INDOOR COIL TEMP DROP (°F)	11	14	17	17	16	16	15	14
	2100	LIQUID PRESSURE (PSIG)	187	230	273	319	365	423	480	537
		LIQUID TEMPERATURE (°F)	57	68	78	89	99	109	118	128
		LIQUID SUBCOOLING (°F)	8	10	11	11	11	11	11	11
		SUCTION PRESSURE (PSIG)	143	144	145	150	154	158	161	165
		SUCTION TEMPERATURE (°F)	71	70	69	69	69	71	73	75
		SUCTION SUPERHEAT (°F)	19	18	17	16	14	15	16	16
		OUTDOOR UNIT CURRENT (A)	7.6	11.1	14.6	16.3	18.0	20.5	23.1	25.6
		COMPRESSOR CURRENT (A)	5.7	9.3	12.8	14.6	16.3	18.9	21.4	24.0
		INDOOR COIL TEMP DROP (°F)	11	13	15	15	15	14	14	13

YZT60B21S W/ CF/CM/CU64, AE64, AVC64 COILS

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1500	LIQUID PRESSURE (PSIG)	339	328	314	296	273	263
		LIQUID TEMPERATURE (°F)	89	78	73	69	65	61
		LIQUID SUBCOOLING (°F)	17	24	26	26	19	25
		SUCTION PRESSURE (PSIG)	134	104	90	76	54	45
		SUCTION TEMPERATURE (°F)	53	41	33	24	17	4
		SUCTION SUPERHEAT (°F)	7	8	7	7	3	2
		OUTDOOR UNIT CURRENT (A)	17.8	16.8	15.8	14.9	14.8	14.6
		COMPRESSOR CURRENT (A)	15.8	14.8	13.9	13.0	12.8	12.6
		INDOOR COIL TEMP RISE (°F)	46	39	40	30	22	18
	1800	LIQUID PRESSURE (PSIG)	316	306	294	277	266	259
		LIQUID TEMPERATURE (°F)	85	75	71	67	60	56
		LIQUID SUBCOOLING (°F)	16	22	24	24	26	33
		SUCTION PRESSURE (PSIG)	133	104	89	76	53	45
		SUCTION TEMPERATURE (°F)	53	41	32	24	17	4
		SUCTION SUPERHEAT (°F)	7	8	7	7	3	2
		OUTDOOR UNIT CURRENT (A)	16.8	16.0	15.3	14.6	14.4	14.0
		COMPRESSOR CURRENT (A)	14.8	14.0	13.3	12.7	12.5	12.1
		INDOOR COIL TEMP RISE (°F)	39	33	32	26	19	17
	2100	LIQUID PRESSURE (PSIG)	293	284	274	259	259	255
		LIQUID TEMPERATURE (°F)	81	73	69	66	55	51
		LIQUID SUBCOOLING (°F)	16	20	21	21	35	44
		SUCTION PRESSURE (PSIG)	133	105	89	76	53	45
		SUCTION TEMPERATURE (°F)	54	42	32	24	17	5
		SUCTION SUPERHEAT (°F)	8	8	7	7	4	3
		OUTDOOR UNIT CURRENT (A)	15.8	15.3	14.8	14.4	14.2	13.9
		COMPRESSOR CURRENT (A)	13.8	13.3	12.8	12.4	12.1	11.9
		INDOOR COIL TEMP RISE (°F)	34	29	25	22	19	17
70	1500	LIQUID PRESSURE (PSIG)	382	374	358	339	321	313
		LIQUID TEMPERATURE (°F)	96	85	80	76	68	64
		LIQUID SUBCOOLING (°F)	18	26	27	28	32	37
		SUCTION PRESSURE (PSIG)	134	104	89	76	54	45
		SUCTION TEMPERATURE (°F)	53	41	33	25	16	4
		SUCTION SUPERHEAT (°F)	7	8	7	7	4	2
		OUTDOOR UNIT CURRENT (A)	19.7	18.9	18.0	17.1	16.9	16.7
		COMPRESSOR CURRENT (A)	17.7	17.0	16.1	15.1	14.8	14.6
		INDOOR COIL TEMP RISE (°F)	45	37	36	29	23	19
	1800	LIQUID PRESSURE (PSIG)	358	350	336	322	305	303
		LIQUID TEMPERATURE (°F)	93	82	78	74	64	61
		LIQUID SUBCOOLING (°F)	16	24	24	25	33	39
		SUCTION PRESSURE (PSIG)	134	104	89	75	58	45
		SUCTION TEMPERATURE (°F)	53	41	32	24	22	4
		SUCTION SUPERHEAT (°F)	7	8	7	7	3	2
		OUTDOOR UNIT CURRENT (A)	18.6	18.0	17.2	16.6	16.3	16.0
		COMPRESSOR CURRENT (A)	16.6	16.0	15.3	14.6	14.3	13.9
		INDOOR COIL TEMP RISE (°F)	38	31	30	25	19	17
	2100	LIQUID PRESSURE (PSIG)	334	327	314	305	296	293
		LIQUID TEMPERATURE (°F)	89	80	77	73	60	58
		LIQUID SUBCOOLING (°F)	16	22	22	24	37	42
		SUCTION PRESSURE (PSIG)	134	105	89	75	63	45
		SUCTION TEMPERATURE (°F)	54	42	32	24	29	4
		SUCTION SUPERHEAT (°F)	7	8	7	7	5	2
		OUTDOOR UNIT CURRENT (A)	17.6	17.1	16.5	16.1	15.9	15.6
		COMPRESSOR CURRENT (A)	15.6	15.1	14.5	14.1	13.8	13.6
		INDOOR COIL TEMP RISE (°F)	32	27	23	21	18	16

Continued on next page.

YZT60B21S W/ CF/CM/CU64, AE64, AVC64 COILS (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
80	1500	LIQUID PRESSURE (PSIG)	426	420	401	383	370	364
		LIQUID TEMPERATURE (°F)	104	92	88	84	72	68
		LIQUID SUBCOOLING (°F)	19	28	29	29	44	51
		SUCTION PRESSURE (PSIG)	135	104	89	76	54	46
		SUCTION TEMPERATURE (°F)	54	41	34	26	18	4
		SUCTION SUPERHEAT (°F)	7	8	8	8	4	2
		OUTDOOR UNIT CURRENT (A)	21.6	21.1	20.2	19.3	19.1	18.9
		COMPRESSOR CURRENT (A)	19.6	19.1	18.2	17.3	16.9	16.7
		INDOOR COIL TEMP RISE (°F)	44	36	33	28	24	22
	1800	LIQUID PRESSURE (PSIG)	400	396	378	367	350	348
		LIQUID TEMPERATURE (°F)	101	90	86	82	68	67
		LIQUID SUBCOOLING (°F)	17	25	25	28	42	46
		SUCTION PRESSURE (PSIG)	135	104	89	75	64	45
		SUCTION TEMPERATURE (°F)	54	41	33	25	30	4
		SUCTION SUPERHEAT (°F)	7	8	7	8	4	2
		OUTDOOR UNIT CURRENT (A)	20.5	20.1	19.2	18.6	18.4	18.2
		COMPRESSOR CURRENT (A)	18.5	18.1	17.2	16.6	16.5	16.3
		INDOOR COIL TEMP RISE (°F)	38	30	28	23	20	18
	2100	LIQUID PRESSURE (PSIG)	375	372	355	350	335	332
		LIQUID TEMPERATURE (°F)	98	88	85	81	65	66
		LIQUID SUBCOOLING (°F)	16	24	23	26	40	42
		SUCTION PRESSURE (PSIG)	136	105	90	74	74	45
		SUCTION TEMPERATURE (°F)	54	42	33	25	44	4
		SUCTION SUPERHEAT (°F)	7	8	7	8	8	2
		OUTDOOR UNIT CURRENT (A)	19.3	19.0	18.1	17.8	17.6	17.3
		COMPRESSOR CURRENT (A)	17.3	17.0	16.1	15.9	15.7	15.5
		INDOOR COIL TEMP RISE (°F)	32	27	24	20	18	16

FOR USE WITH MODELS:

YZV24B21S
HC20B2421S
HL20B2421S

YZV24B21S COOLING HIGH COMPRESSOR SPEED SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	203(3)	205(5)	208(3)	211(2)
60	213(4)	215(5)	218(4)	221(3)
65	225(4)	226(5)	231(5)	232(4)
70	239(5)	240(6)	245(6)	246(5)
75	255(6)	256(6)	260(7)	261(6)
80	273(6)	274(7)	277(7)	278(6)
85	293(7)	294(7)	296(7)	297(6)
90	315(8)	316(8)	317(7)	318(7)
95	339(8)	340(8)	339(7)	341(6)
100	365(9)	367(8)	363(7)	366(6)
105	393(9)	395(9)	389(6)	392(6)
110	424(10)	426(9)	417(5)	421(5)
115	456(10)	458(10)	446(4)	451(4)
120	490(11)	493(11)	476(2)	483(3)
125	527(11)	530(11)	509(1)	517(1)

Charging chart is for use in Service mode only.
Charging chart is for use in Cooling mode only.

YZV24B21S HIGH SPEED COOLING W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	680	LIQUID PRESSURE (PSIG)	204	228	258	294	337	386	441	502
		LIQUID TEMPERATURE (°F)	66	71	78	87	97	108	120	133
		LIQUID SUBCOOLING (°F)	5	7	8	8	7	6	4	1
		SUCTION PRESSURE (PSIG)	129	128	128	128	129	131	133	137
		SUCTION TEMPERATURE (°F)	52	56	59	61	62	60	57	54
		SUCTION SUPERHEAT (°F)	7	12	15	17	17	15	11	6
		OUTDOOR UNIT CURRENT (A)	3.7	4.7	5.8	7.0	8.4	9.9	11.5	13.2
		COMPRESSOR CURRENT (A)	3.4	3.9	4.7	5.8	7.0	8.5	10.2	12.2
		INDOOR COIL DB TEMP DROP (°F)	21	21	20	20	20	20	20	21
	780	LIQUID PRESSURE (PSIG)	205	229	259	295	338	387	442	503
		LIQUID TEMPERATURE (°F)	66	71	78	87	98	108	120	133
		LIQUID SUBCOOLING (°F)	5	7	8	8	7	6	4	1
		SUCTION PRESSURE (PSIG)	132	131	131	131	132	134	136	140
		SUCTION TEMPERATURE (°F)	53	57	60	62	63	62	58	55
		SUCTION SUPERHEAT (°F)	7	12	15	17	17	15	11	6
		OUTDOOR UNIT CURRENT (A)	4.0	5.0	6.1	7.3	8.7	10.2	11.8	13.5
		COMPRESSOR CURRENT (A)	3.7	4.2	5.0	6.1	7.3	8.8	10.5	12.5
		INDOOR COIL DB TEMP DROP (°F)	20	20	19	19	19	19	19	20
	880	LIQUID PRESSURE (PSIG)	206	230	260	296	339	388	443	504
		LIQUID TEMPERATURE (°F)	67	72	79	87	98	109	121	134
		LIQUID SUBCOOLING (°F)	5	7	8	8	7	6	4	1
		SUCTION PRESSURE (PSIG)	135	134	134	134	135	137	139	143
		SUCTION TEMPERATURE (°F)	54	59	62	64	64	63	60	56
		SUCTION SUPERHEAT (°F)	7	12	15	17	17	15	11	6
		OUTDOOR UNIT CURRENT (A)	4.3	5.3	6.4	7.6	9.0	10.5	12.1	13.8
		COMPRESSOR CURRENT (A)	4.0	4.5	5.3	6.4	7.6	9.1	10.8	12.8
		INDOOR COIL DB TEMP DROP (°F)	19	19	18	18	18	18	18	19

Continued on next page.

YZV24B21S HIGH SPEED COOLING W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
80/57	680	LIQUID PRESSURE (PSIG)	201	223	253	291	337	391	454	525
		LIQUID TEMPERATURE (°F)	67	73	79	87	96	106	116	127
		LIQUID SUBCOOLING (°F)	3	4	6	7	8	9	10	11
		SUCTION PRESSURE (PSIG)	124	122	120	119	119	119	120	121
		SUCTION TEMPERATURE (°F)	49	53	57	60	63	66	69	70
		SUCTION SUPERHEAT (°F)	6	11	16	20	23	26	28	29
		OUTDOOR UNIT CURRENT (A)	3.4	4.4	5.5	6.7	8.1	9.5	11.0	12.7
		COMPRESSOR CURRENT (A)	3.2	3.8	4.6	5.6	6.8	8.3	10.0	11.9
		INDOOR COIL DB TEMP DROP (°F)	28	27	26	26	26	26	27	28
	780	LIQUID PRESSURE (PSIG)	203	225	255	293	339	393	456	527
		LIQUID TEMPERATURE (°F)	68	73	79	88	97	107	117	127
		LIQUID SUBCOOLING (°F)	3	4	6	7	8	9	10	11
		SUCTION PRESSURE (PSIG)	129	127	125	124	124	124	125	126
		SUCTION TEMPERATURE (°F)	50	54	58	62	65	68	70	71
		SUCTION SUPERHEAT (°F)	5	10	15	19	22	25	27	28
		OUTDOOR UNIT CURRENT (A)	4.0	5.0	6.1	7.3	8.7	10.1	11.6	13.3
		COMPRESSOR CURRENT (A)	3.7	4.3	5.1	6.1	7.3	8.8	10.5	12.4
		INDOOR COIL DB TEMP DROP (°F)	26	25	24	24	24	24	25	26
	880	LIQUID PRESSURE (PSIG)	205	227	257	295	341	395	458	529
		LIQUID TEMPERATURE (°F)	68	74	80	88	97	107	117	128
		LIQUID SUBCOOLING (°F)	3	4	6	7	8	9	10	11
		SUCTION PRESSURE (PSIG)	134	132	130	129	129	129	130	131
		SUCTION TEMPERATURE (°F)	51	55	59	63	66	69	71	72
		SUCTION SUPERHEAT (°F)	4	9	14	18	21	24	26	27
		OUTDOOR UNIT CURRENT (A)	4.6	5.6	6.7	7.9	9.3	10.7	12.2	13.9
		COMPRESSOR CURRENT (A)	4.2	4.8	5.6	6.6	7.8	9.3	11.0	12.9
		INDOOR COIL DB TEMP DROP (°F)	24	23	22	22	22	22	23	24
80/62	680	LIQUID PRESSURE (PSIG)	204	225	255	293	339	394	457	529
		LIQUID TEMPERATURE (°F)	66	72	79	88	97	107	117	128
		LIQUID SUBCOOLING (°F)	5	5	6	7	8	9	10	11
		SUCTION PRESSURE (PSIG)	131	130	129	129	129	130	131	133
		SUCTION TEMPERATURE (°F)	53	57	61	64	66	68	70	72
		SUCTION SUPERHEAT (°F)	8	12	16	19	21	23	25	26
		OUTDOOR UNIT CURRENT (A)	3.3	4.3	5.5	6.7	8.0	9.5	11.1	12.8
		COMPRESSOR CURRENT (A)	3.1	3.7	4.5	5.5	6.8	8.3	10.0	11.9
		INDOOR COIL DB TEMP DROP (°F)	25	25	24	23	23	23	23	23
	780	LIQUID PRESSURE (PSIG)	205	226	256	294	340	395	458	530
		LIQUID TEMPERATURE (°F)	66	72	79	88	97	107	117	128
		LIQUID SUBCOOLING (°F)	5	5	6	7	8	9	10	11
		SUCTION PRESSURE (PSIG)	133	132	131	131	131	132	133	135
		SUCTION TEMPERATURE (°F)	53	57	60	63	65	68	70	72
		SUCTION SUPERHEAT (°F)	7	11	15	18	20	22	24	25
		OUTDOOR UNIT CURRENT (A)	3.9	4.9	6.1	7.3	8.6	10.1	11.7	13.4
		COMPRESSOR CURRENT (A)	3.6	4.2	5.0	6.0	7.3	8.8	10.5	12.4
		INDOOR COIL DB TEMP DROP (°F)	24	24	23	22	22	22	22	22
	880	LIQUID PRESSURE (PSIG)	206	227	257	295	341	396	459	531
		LIQUID TEMPERATURE (°F)	67	73	80	88	97	107	117	128
		LIQUID SUBCOOLING (°F)	5	5	6	7	8	9	10	11
		SUCTION PRESSURE (PSIG)	135	134	133	133	133	134	135	137
		SUCTION TEMPERATURE (°F)	53	57	60	63	65	68	70	72
		SUCTION SUPERHEAT (°F)	6	10	14	17	19	21	23	24
		OUTDOOR UNIT CURRENT (A)	4.5	5.5	6.7	7.9	9.2	10.7	12.3	14.0
		COMPRESSOR CURRENT (A)	4.1	4.7	5.5	6.5	7.8	9.3	11.0	12.9
		INDOOR COIL DB TEMP DROP (°F)	23	23	22	21	21	21	21	21

Continued on next page.

YZV24B21S HIGH SPEED COOLING W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
80/67	680	LIQUID PRESSURE (PSIG)	207	230	259	295	338	388	445	508
		LIQUID TEMPERATURE (°F)	69	74	79	88	98	109	121	134
		LIQUID SUBCOOLING (°F)	3	5	7	7	7	6	4	1
		SUCTION PRESSURE (PSIG)	142	141	140	141	141	143	145	148
		SUCTION TEMPERATURE (°F)	57	60	63	64	64	63	61	57
		SUCTION SUPERHEAT (°F)	7	11	14	15	15	13	10	5
		OUTDOOR UNIT CURRENT (A)	3.5	4.5	5.6	6.9	8.3	9.9	11.6	13.4
		COMPRESSOR CURRENT (A)	3.3	3.8	4.6	5.7	7.0	8.6	10.4	12.5
		INDOOR COIL DB TEMP DROP (°F)	22	21	21	20	20	20	21	21
	780	LIQUID PRESSURE (PSIG)	208	231	260	296	339	389	446	509
		LIQUID TEMPERATURE (°F)	69	74	80	88	98	109	121	134
		LIQUID SUBCOOLING (°F)	3	5	7	7	7	6	4	1
		SUCTION PRESSURE (PSIG)	145	144	143	144	144	146	148	151
		SUCTION TEMPERATURE (°F)	58	62	64	66	66	64	62	58
		SUCTION SUPERHEAT (°F)	7	11	14	15	15	13	10	5
		OUTDOOR UNIT CURRENT (A)	3.8	4.8	5.9	7.2	8.6	10.2	11.9	13.7
		COMPRESSOR CURRENT (A)	3.5	4.0	4.8	5.9	7.2	8.8	10.6	12.7
		INDOOR COIL DB TEMP DROP (°F)	21	20	20	19	19	19	20	20
	880	LIQUID PRESSURE (PSIG)	209	232	261	297	340	390	447	510
		LIQUID TEMPERATURE (°F)	70	74	80	88	98	109	121	135
		LIQUID SUBCOOLING (°F)	3	5	7	7	7	6	4	1
		SUCTION PRESSURE (PSIG)	148	147	146	147	147	149	151	154
		SUCTION TEMPERATURE (°F)	59	63	65	67	67	66	63	59
		SUCTION SUPERHEAT (°F)	7	11	14	15	15	13	10	5
		OUTDOOR UNIT CURRENT (A)	4.1	5.1	6.2	7.5	8.9	10.5	12.2	14.0
		COMPRESSOR CURRENT (A)	3.7	4.2	5.0	6.1	7.4	9.0	10.8	12.9
		INDOOR COIL DB TEMP DROP (°F)	20	19	19	18	18	18	19	19
80/72	680	LIQUID PRESSURE (PSIG)	211	232	261	297	341	392	451	517
		LIQUID TEMPERATURE (°F)	71	75	81	89	99	109	122	136
		LIQUID SUBCOOLING (°F)	2	4	6	6	6	6	4	1
		SUCTION PRESSURE (PSIG)	154	154	154	154	155	157	158	161
		SUCTION TEMPERATURE (°F)	62	65	66	67	68	66	65	62
		SUCTION SUPERHEAT (°F)	8	11	12	13	13	11	9	5
		OUTDOOR UNIT CURRENT (A)	3.3	4.3	5.4	6.8	8.2	9.9	11.6	13.6
		COMPRESSOR CURRENT (A)	3.0	3.6	4.4	5.5	6.8	8.5	10.4	12.5
		INDOOR COIL DB TEMP DROP (°F)	17	19	19	20	20	20	19	18
	780	LIQUID PRESSURE (PSIG)	211	232	261	297	341	392	451	517
		LIQUID TEMPERATURE (°F)	71	75	81	89	99	109	122	136
		LIQUID SUBCOOLING (°F)	2	4	6	6	6	6	4	1
		SUCTION PRESSURE (PSIG)	157	157	157	157	158	160	161	164
		SUCTION TEMPERATURE (°F)	63	66	67	68	69	68	66	63
		SUCTION SUPERHEAT (°F)	8	11	12	13	13	11	9	5
		OUTDOOR UNIT CURRENT (A)	3.6	4.6	5.7	7.1	8.5	10.2	11.9	13.9
		COMPRESSOR CURRENT (A)	3.3	3.9	4.7	5.8	7.1	8.8	10.7	12.8
		INDOOR COIL DB TEMP DROP (°F)	15	17	17	18	18	18	17	16
	880	LIQUID PRESSURE (PSIG)	211	232	261	297	341	392	451	517
		LIQUID TEMPERATURE (°F)	71	75	81	89	99	109	122	136
		LIQUID SUBCOOLING (°F)	2	4	6	6	6	6	4	1
		SUCTION PRESSURE (PSIG)	160	160	160	160	161	163	164	167
		SUCTION TEMPERATURE (°F)	65	68	69	70	70	69	67	64
		SUCTION SUPERHEAT (°F)	8	11	12	13	13	11	9	5
		OUTDOOR UNIT CURRENT (A)	3.9	4.9	6.0	7.4	8.8	10.5	12.2	14.2
		COMPRESSOR CURRENT (A)	3.6	4.2	5.0	6.1	7.4	9.1	11.0	13.1
		INDOOR COIL DB TEMP DROP (°F)	13	15	15	16	16	16	15	14

YZV24B21S HEATING HIGH COMPRESSOR SPEED SUBCOOLING CHARGING CHART					
OUTDOOR AMBIENT DB (°F)	INDOOR DRY BULB				
	60	65	70	75	80
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE				
60	313(12)	336(13)	358(13)	381(14)	403(15)
54	306(15)	327(16)	349(16)	370(17)	392(18)
47	298(18)	319(19)	339(19)	360(20)	380(20)
44	310(21)	333(22)	355(22)	377(23)	400(23)
40	322(24)	347(25)	371(25)	395(26)	419(26)
35	307(27)	335(27)	363(28)	390(28)	418(29)
30	291(29)	323(30)	354(30)	386(31)	417(31)
24	323(33)	335(32)	347(31)	359(30)	371(29)
17	354(37)	347(35)	339(32)	332(30)	324(27)
14	298(32)	305(31)	312(31)	319(30)	326(29)
10	242(27)	264(28)	285(29)	306(30)	327(31)

Charging chart is for use in Service mode only.
Charging chart is for use in Heating mode only.

YZV24B21S HIGH SPEED HEATING W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	625-683	SUCTION PRESS (PSIG) / TEMP (F)	138	109	91	54	51	43
		SUCTION TEMP (F)	54	42	36	17	18	12
		SUCTION SUPERHEAT (F)	5	6	8	13	17	16
		LIQUID SUBCOOLING (F)	14	19	25	26	40	27
		LIQUID PRESS (PSIG) / TEMP (F)	329	309	336	272	395	242
		LIQUID TEMP (F)	88	79	79	60	75	55
		ID AIR DB TEMP. RISE	34	30	34	25	32	16
		TOTAL / COMPR. AMPS	7 / 6	7 / 6	10 / 9	9 / 8	15 / 14	7 / 6
	694-759	SUCTION PRESS (PSIG) / TEMP (F)	138	109	91	60	50	44
		SUCTION TEMP (F)	52	42	35	19	18	13
		SUCTION SUPERHEAT (F)	4	7	8	11	16	16
		LIQUID SUBCOOLING (F)	12	18	24	29	37	27
		LIQUID PRESS (PSIG) / TEMP (F)	313	298	322	291	354	242
		LIQUID TEMP (F)	87	77	77	64	70	55
		ID AIR DB TEMP. RISE	31	27	31	26	29	15
		TOTAL / COMPR. AMPS	7 / 6	7 / 6	10 / 9	10 / 9	14 / 13	7 / 6
	763-835	SUCTION PRESS (PSIG) / TEMP (F)	139	109	91	66	50	45
		SUCTION TEMP (F)	51	42	35	21	17	14
		SUCTION SUPERHEAT (F)	3	7	8	9	16	17
		LIQUID SUBCOOLING (F)	9	17	22	31	34	27
		LIQUID PRESS (PSIG) / TEMP (F)	297	286	309	310	313	242
		LIQUID TEMP (F)	86	75	76	67	65	55
		ID AIR DB TEMP. RISE	28	25	28	26	27	14
		TOTAL / COMPR. AMPS	6 / 6	7 / 6	10 / 9	11 / 10	13 / 13	7 / 6

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YZV24B21S HIGH SPEED HEATING W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
70	625-683	SUCTION PRESS (PSIG) / TEMP (F)	138	110	92	63	51	45
		SUCTION TEMP (F)	54	43	35	21	19	14
		SUCTION SUPERHEAT (F)	5	6	8	10	17	16
		LIQUID SUBCOOLING (F)	15	20	26	29	34	29
		LIQUID PRESS (PSIG) / TEMP (F)	373	349	386	353	362	288
		LIQUID TEMP (F)	96	86	87	75	75	63
		ID AIR DB TEMP. RISE	33	28	33	28	24	16
		TOTAL / COMPR. AMPS	7 / 7	8 / 7	11 / 10	11 / 10	12 / 11	7 / 7
	694-759	SUCTION PRESS (PSIG) / TEMP (F)	139	110	92	66	51	46
		SUCTION TEMP (F)	53	43	35	21	19	14
		SUCTION SUPERHEAT (F)	5	6	8	9	17	16
		LIQUID SUBCOOLING (F)	13	19	25	30	32	29
		LIQUID PRESS (PSIG) / TEMP (F)	358	339	371	354	339	285
		LIQUID TEMP (F)	95	85	86	76	72	63
		ID AIR DB TEMP. RISE	30	26	30	27	22	15
		TOTAL / COMPR. AMPS	7 / 7	8 / 7	11 / 10	11 / 11	11 / 10	8 / 7
	763-835	SUCTION PRESS (PSIG) / TEMP (F)	140	109	91	69	51	46
		SUCTION TEMP (F)	53	42	35	22	18	15
		SUCTION SUPERHEAT (F)	4	7	8	8	16	17
		LIQUID SUBCOOLING (F)	11	18	24	30	30	28
		LIQUID PRESS (PSIG) / TEMP (F)	344	328	356	355	316	281
		LIQUID TEMP (F)	94	84	84	77	70	63
		ID AIR DB TEMP. RISE	28	24	28	26	20	14
		TOTAL / COMPR. AMPS	7 / 6	7 / 8	11 / 10	12 / 11	11 / 10	8 / 7
80	625-683	SUCTION PRESS (PSIG) / TEMP (F)	138	112	92	73	51	47
		SUCTION TEMP (F)	53	43	35	25	19	16
		SUCTION SUPERHEAT (F)	5	6	8	8	17	16
		LIQUID SUBCOOLING (F)	16	20	27	32	27	32
		LIQUID PRESS (PSIG) / TEMP (F)	416	389	435	435	330	334
		LIQUID TEMP (F)	103	94	95	90	75	72
		ID AIR DB TEMP. RISE	32	27	33	31	16	16
		TOTAL / COMPR. AMPS	8 / 8	8 / 7	12 / 11	13 / 12	8 / 7	8 / 7
	694-759	SUCTION PRESS (PSIG) / TEMP (F)	140	111	92	72	52	47
		SUCTION TEMP (F)	54	43	35	24	20	16
		SUCTION SUPERHEAT (F)	5	6	8	7	17	17
		LIQUID SUBCOOLING (F)	15	20	26	31	27	31
		LIQUID PRESS (PSIG) / TEMP (F)	403	380	419	417	324	327
		LIQUID TEMP (F)	102	93	94	89	75	71
		ID AIR DB TEMP. RISE	29	25	30	29	15	15
		TOTAL / COMPR. AMPS	8 / 7	8 / 8	12 / 11	13 / 12	8 / 7	8 / 7
	763-835	SUCTION PRESS (PSIG) / TEMP (F)	141	110	92	72	52	46
		SUCTION TEMP (F)	55	42	35	23	20	15
		SUCTION SUPERHEAT (F)	5	6	8	7	17	17
		LIQUID SUBCOOLING (F)	14	19	25	29	26	29
		LIQUID PRESS (PSIG) / TEMP (F)	390	371	403	400	319	319
		LIQUID TEMP (F)	101	92	92	87	74	71
		ID AIR DB TEMP. RISE	27	23	27	26	14	13
		TOTAL / COMPR. AMPS	8 / 7	9 / 8	12 / 11	13 / 12	8 / 7	8 / 7

NOTE: Use the following High/Medium/Low Airflow correlations for different OD DB Temps. 60°F (763/694/625CFM); 47°F (825/750/675CFM); 40°F (835/759/683CFM); 30°F (833/757/681CFM); 17°F (824/749/674CFM); 10°F (810/736/662CFM).

FOR USE WITH MODELS:

YZV36B21S
HC20B3621S
HL20B3621S

YZV36B21S COOLING HIGH COMPRESSOR SPEED SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	194(6)	195(6)	197(6)	201(7)
60	209(6)	209(6)	211(6)	215(7)
65	224(6)	225(6)	227(6)	231(6)
70	242(6)	242(6)	244(6)	248(6)
75	260(6)	261(6)	263(6)	266(6)
80	280(6)	281(6)	283(6)	286(6)
85	302(6)	302(6)	305(6)	308(6)
90	325(6)	325(6)	328(6)	331(6)
95	349(7)	349(7)	352(7)	355(6)
100	375(7)	375(7)	378(7)	381(6)
105	402(7)	402(7)	405(7)	409(6)
110	431(7)	431(7)	434(7)	438(6)
115	461(8)	461(7)	465(8)	468(7)
120	492(8)	493(8)	497(8)	500(7)
125	525(8)	526(8)	530(8)	534(8)

Charging chart is for use in Service mode only.
Charging chart is for use in Cooling mode only.

YZV36B21S HIGH SPEED COOLING W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1020	LIQUID PRESSURE (PSIG)	194	224	259	301	348	401	460	525
		LIQUID TEMPERATURE (°F)	62	71	80	89	100	110	119	130
		LIQUID SUBCOOLING (°F)	6	6	6	7	7	7	8	8
		SUCTION PRESSURE (PSIG)	129	129	130	130	130	130	129	129
		SUCTION TEMPERATURE (°F)	56	58	60	62	64	65	65	65
		SUCTION SUPERHEAT (°F)	11	13	15	17	19	20	20	20
		OUTDOOR UNIT CURRENT (A)	6.0	7.1	8.5	10.1	12.1	14.4	17.0	19.9
		COMPRESSOR CURRENT (A)	5.3	6.1	7.2	8.7	10.6	12.9	15.6	18.6
		INDOOR COIL DB TEMP DROP (°F)	22	22	22	22	22	22	22	22
	1200	LIQUID PRESSURE (PSIG)	195	225	260	302	349	402	461	526
		LIQUID TEMPERATURE (°F)	62	71	81	90	100	110	120	130
		LIQUID SUBCOOLING (°F)	6	6	6	7	7	7	8	8
		SUCTION PRESSURE (PSIG)	132	132	133	133	133	133	132	132
		SUCTION TEMPERATURE (°F)	57	59	61	63	65	66	66	66
		SUCTION SUPERHEAT (°F)	11	13	15	17	19	20	20	20
		OUTDOOR UNIT CURRENT (A)	6.4	7.5	8.9	10.5	12.5	14.8	17.4	20.3
		COMPRESSOR CURRENT (A)	5.7	6.5	7.6	9.1	11.0	13.3	16.0	19.0
		INDOOR COIL DB TEMP DROP (°F)	21	21	21	21	21	21	21	21
	1320	LIQUID PRESSURE (PSIG)	196	226	261	303	350	403	462	527
		LIQUID TEMPERATURE (°F)	63	71	81	90	100	110	120	130
		LIQUID SUBCOOLING (°F)	6	6	6	7	7	7	8	8
		SUCTION PRESSURE (PSIG)	135	135	136	136	136	136	135	135
		SUCTION TEMPERATURE (°F)	58	60	62	64	66	67	67	67
		SUCTION SUPERHEAT (°F)	11	13	15	17	19	20	20	20
		OUTDOOR UNIT CURRENT (A)	6.8	7.9	9.3	10.9	12.9	15.2	17.8	20.7
		COMPRESSOR CURRENT (A)	6.1	6.9	8.0	9.5	11.4	13.7	16.4	19.4
		INDOOR COIL DB TEMP DROP (°F)	20	20	20	20	20	20	20	20

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YZV36B21S HIGH SPEED COOLING W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/57	1020	LIQUID PRESSURE (PSIG)	192	222	258	300	347	400	459	523
		LIQUID TEMPERATURE (°F)	61	70	80	90	99	110	119	130
		LIQUID SUBCOOLING (°F)	6	6	6	6	7	7	8	8
		SUCTION PRESSURE (PSIG)	126	126	127	127	127	128	128	128
		SUCTION TEMPERATURE (°F)	54	56	59	61	63	66	68	71
		SUCTION SUPERHEAT (°F)	11	13	15	17	19	22	24	27
		OUTDOOR UNIT CURRENT (A)	6.1	7.2	8.6	10.3	12.2	14.4	16.9	19.6
		COMPRESSOR CURRENT (A)	5.3	6.2	7.4	8.9	10.8	12.9	15.4	18.2
		INDOOR COIL DB TEMP DROP (°F)	28	28	28	28	28	27	27	27
	1200	LIQUID PRESSURE (PSIG)	194	224	260	302	349	402	461	525
		LIQUID TEMPERATURE (°F)	62	71	81	91	100	110	120	130
		LIQUID SUBCOOLING (°F)	6	6	6	6	7	7	8	8
		SUCTION PRESSURE (PSIG)	131	131	132	132	132	133	133	133
		SUCTION TEMPERATURE (°F)	56	58	61	63	65	68	70	73
		SUCTION SUPERHEAT (°F)	11	13	15	17	19	22	24	27
		OUTDOOR UNIT CURRENT (A)	6.6	7.7	9.1	10.8	12.7	14.9	17.4	20.1
		COMPRESSOR CURRENT (A)	5.8	6.7	7.9	9.4	11.3	13.4	15.9	18.7
		INDOOR COIL DB TEMP DROP (°F)	26	26	26	26	26	25	25	25
	1320	LIQUID PRESSURE (PSIG)	196	226	262	304	351	404	463	527
		LIQUID TEMPERATURE (°F)	63	71	81	91	100	111	120	130
		LIQUID SUBCOOLING (°F)	6	6	6	6	7	7	8	8
		SUCTION PRESSURE (PSIG)	136	136	137	137	137	138	138	138
		SUCTION TEMPERATURE (°F)	58	60	63	65	67	70	72	75
		SUCTION SUPERHEAT (°F)	11	13	15	17	19	22	24	27
		OUTDOOR UNIT CURRENT (A)	7.1	8.2	9.6	11.3	13.2	15.4	17.9	20.6
		COMPRESSOR CURRENT (A)	6.3	7.2	8.4	9.9	11.8	13.9	16.4	19.2
		INDOOR COIL DB TEMP DROP (°F)	24	24	24	24	24	23	23	23
80/62	1020	LIQUID PRESSURE (PSIG)	194	224	260	301	348	401	460	525
		LIQUID TEMPERATURE (°F)	62	71	81	90	100	110	120	130
		LIQUID SUBCOOLING (°F)	6	6	6	6	7	7	7	8
		SUCTION PRESSURE (PSIG)	129	130	130	130	130	130	130	130
		SUCTION TEMPERATURE (°F)	57	58	60	62	64	66	69	73
		SUCTION SUPERHEAT (°F)	12	13	15	17	19	21	24	28
		OUTDOOR UNIT CURRENT (A)	6.1	7.2	8.6	10.3	12.2	14.4	17.0	19.8
		COMPRESSOR CURRENT (A)	5.3	6.2	7.4	8.9	10.8	13.0	15.5	18.4
		INDOOR COIL DB TEMP DROP (°F)	27	27	27	27	27	27	27	26
	1200	LIQUID PRESSURE (PSIG)	195	225	261	302	349	402	461	526
		LIQUID TEMPERATURE (°F)	62	71	81	91	100	110	121	130
		LIQUID SUBCOOLING (°F)	6	6	6	6	7	7	7	8
		SUCTION PRESSURE (PSIG)	133	134	134	134	134	134	134	134
		SUCTION TEMPERATURE (°F)	57	59	61	63	65	67	70	74
		SUCTION SUPERHEAT (°F)	11	12	14	16	18	20	23	27
		OUTDOOR UNIT CURRENT (A)	6.5	7.6	9.0	10.7	12.6	14.8	17.4	20.2
		COMPRESSOR CURRENT (A)	5.7	6.6	7.8	9.3	11.2	13.4	15.9	18.8
		INDOOR COIL DB TEMP DROP (°F)	25	25	25	25	25	25	25	24
	1320	LIQUID PRESSURE (PSIG)	196	226	262	303	350	403	462	527
		LIQUID TEMPERATURE (°F)	63	71	81	91	100	110	121	130
		LIQUID SUBCOOLING (°F)	6	6	6	6	7	7	7	8
		SUCTION PRESSURE (PSIG)	137	138	138	138	138	138	138	138
		SUCTION TEMPERATURE (°F)	58	59	61	63	65	67	70	74
		SUCTION SUPERHEAT (°F)	10	11	13	15	17	19	22	26
		OUTDOOR UNIT CURRENT (A)	6.9	8.0	9.4	11.1	13.0	15.2	17.8	20.6
		COMPRESSOR CURRENT (A)	6.1	7.0	8.2	9.7	11.6	13.8	16.3	19.2
		INDOOR COIL DB TEMP DROP (°F)	23	23	23	23	23	23	23	22

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YZV36B21S HIGH SPEED COOLING W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
80/67	1020	LIQUID PRESSURE (PSIG)	196	226	262	304	351	404	464	529
		LIQUID TEMPERATURE (°F)	63	71	81	91	100	111	120	131
		LIQUID SUBCOOLING (°F)	6	6	6	6	7	7	8	8
		SUCTION PRESSURE (PSIG)	141	141	141	142	142	141	141	140
		SUCTION TEMPERATURE (°F)	60	62	64	66	67	67	68	69
		SUCTION SUPERHEAT (°F)	11	13	15	16	17	18	19	20
		OUTDOOR UNIT CURRENT (A)	4.3	6.1	8.0	10.1	12.4	14.8	17.4	20.1
		COMPRESSOR CURRENT (A)	3.6	5.1	6.8	8.8	10.9	13.3	15.9	18.7
		INDOOR COIL DB TEMP DROP (°F)	22	22	22	22	22	22	22	22
	1200	LIQUID PRESSURE (PSIG)	197	227	263	305	352	405	465	530
		LIQUID TEMPERATURE (°F)	63	72	81	91	100	111	120	131
		LIQUID SUBCOOLING (°F)	6	6	6	6	7	7	8	8
		SUCTION PRESSURE (PSIG)	144	144	144	145	145	144	144	143
		SUCTION TEMPERATURE (°F)	62	64	66	67	68	69	70	70
		SUCTION SUPERHEAT (°F)	11	13	15	16	17	18	19	20
		OUTDOOR UNIT CURRENT (A)	4.7	6.5	8.4	10.5	12.8	15.2	17.8	20.5
		COMPRESSOR CURRENT (A)	4.0	5.5	7.2	9.2	11.3	13.7	16.3	19.1
		INDOOR COIL DB TEMP DROP (°F)	21	21	21	21	21	21	21	21
	1320	LIQUID PRESSURE (PSIG)	198	228	264	306	353	406	466	531
		LIQUID TEMPERATURE (°F)	63	72	82	92	101	111	120	131
		LIQUID SUBCOOLING (°F)	6	6	6	6	7	7	8	8
		SUCTION PRESSURE (PSIG)	147	147	147	148	148	147	147	146
		SUCTION TEMPERATURE (°F)	63	65	67	68	69	70	71	71
		SUCTION SUPERHEAT (°F)	11	13	15	16	17	18	19	20
		OUTDOOR UNIT CURRENT (A)	5.1	6.9	8.8	10.9	13.2	15.6	18.2	20.9
		COMPRESSOR CURRENT (A)	4.4	5.9	7.6	9.6	11.7	14.1	16.7	19.5
		INDOOR COIL DB TEMP DROP (°F)	20	20	20	20	20	20	20	20
80/72	1020	LIQUID PRESSURE (PSIG)	200	230	265	307	354	408	467	533
		LIQUID TEMPERATURE (°F)	63	73	82	92	102	112	122	131
		LIQUID SUBCOOLING (°F)	7	6	6	6	6	6	7	8
		SUCTION PRESSURE (PSIG)	149	152	155	157	158	157	156	154
		SUCTION TEMPERATURE (°F)	70	69	69	69	71	71	72	74
		SUCTION SUPERHEAT (°F)	17	15	14	14	15	16	17	20
		OUTDOOR UNIT CURRENT (A)	5.6	6.7	8.2	9.9	12.0	14.4	17.2	20.3
		COMPRESSOR CURRENT (A)	4.9	5.7	6.9	8.5	10.5	12.9	15.7	18.9
		INDOOR COIL DB TEMP DROP (°F)	17	17	17	17	17	17	17	17
	1200	LIQUID PRESSURE (PSIG)	201	231	266	308	355	409	468	534
		LIQUID TEMPERATURE (°F)	63	73	82	92	102	113	122	131
		LIQUID SUBCOOLING (°F)	7	6	6	6	6	6	7	8
		SUCTION PRESSURE (PSIG)	151	154	157	159	160	159	158	156
		SUCTION TEMPERATURE (°F)	70	69	69	70	72	72	73	75
		SUCTION SUPERHEAT (°F)	17	15	14	14	15	16	17	20
		OUTDOOR UNIT CURRENT (A)	6.1	7.2	8.7	10.4	12.5	14.9	17.7	20.8
		COMPRESSOR CURRENT (A)	5.4	6.2	7.4	9.0	11.0	13.4	16.2	19.4
		INDOOR COIL DB TEMP DROP (°F)	16	16	16	16	16	16	16	16
	1320	LIQUID PRESSURE (PSIG)	202	232	267	309	356	410	469	535
		LIQUID TEMPERATURE (°F)	63	73	82	92	102	113	122	131
		LIQUID SUBCOOLING (°F)	7	6	6	6	6	6	7	8
		SUCTION PRESSURE (PSIG)	153	156	159	161	162	161	160	158
		SUCTION TEMPERATURE (°F)	71	70	70	71	72	73	74	76
		SUCTION SUPERHEAT (°F)	17	15	14	14	15	16	17	20
		OUTDOOR UNIT CURRENT (A)	6.6	7.7	9.2	10.9	13.0	15.4	18.2	21.3
		COMPRESSOR CURRENT (A)	5.9	6.7	7.9	9.5	11.5	13.9	16.7	19.9
		INDOOR COIL DB TEMP DROP (°F)	15	15	15	15	15	15	15	15

YZV36B21S HEATING HIGH COMPRESSOR SPEED SUBCOOLING CHARGING CHART					
OUTDOOR AMBIENT DB (°F)	INDOOR DRY BULB				
	60	65	70	75	80
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE				
60	283(7)	307(8)	330(9)	354(10)	377(11)
54	291(12)	314(13)	337(14)	360(14)	383(15)
47	298(17)	321(18)	343(18)	366(19)	388(19)
44	296(21)	318(20)	340(20)	362(20)	384(20)
40	293(24)	315(23)	336(22)	358(22)	379(21)
35	289(25)	312(24)	335(23)	357(23)	380(23)
30	284(25)	309(25)	333(24)	357(24)	381(24)
24	289(27)	312(27)	336(27)	359(27)	382(27)
17	293(28)	316(29)	338(29)	361(30)	383(30)
14	290(27)	307(27)	325(27)	343(26)	360(26)
10	286(26)	299(25)	312(24)	325(23)	337(22)

Charging chart is for use in Service mode only.
Charging chart is for use in Heating mode only.

YZV36B21S HIGH SPEED HEATING W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	990-1035	SUCTION PRESS (PSIG) / TEMP (F)	135	103	82	67	42	29
		SUCTION TEMP (F)	52	41	30	22	14	10
		SUCTION SUPERHEAT (F)	5	8	7	9	19	24
		LIQUID SUBCOOLING (F)	8	18	25	24	34	39
		LIQUID PRESS (PSIG) / TEMP (F)	293	310	302	287	309	321
		LIQUID TEMP (F)	87	81	71	69	64	61
		ID AIR DB TEMP. RISE	31	33	30	27	27	26
		TOTAL / COMPR. AMPS	10 / 9	11 / 10	12 / 10	12 / 11	16 / 16	16 / 15
	1100-1150	SUCTION PRESS (PSIG) / TEMP (F)	135	103	84	65	45	34
		SUCTION TEMP (F)	52	41	31	21	12	8
		SUCTION SUPERHEAT (F)	5	8	8	9	14	19
		LIQUID SUBCOOLING (F)	7	17	24	25	28	26
		LIQUID PRESS (PSIG) / TEMP (F)	283	298	293	284	293	286
		LIQUID TEMP (F)	85	79	71	68	66	66
		ID AIR DB TEMP. RISE	28	30	28	26	25	23
		TOTAL / COMPR. AMPS	10 / 9	11 / 10	12 / 11	13 / 12	17 / 16	16 / 15
	1210-1265	SUCTION PRESS (PSIG) / TEMP (F)	134	103	86	63	48	39
		SUCTION TEMP (F)	52	41	32	20	9	7
		SUCTION SUPERHEAT (F)	5	8	8	9	9	15
		LIQUID SUBCOOLING (F)	6	16	22	25	23	12
		LIQUID PRESS (PSIG) / TEMP (F)	272	285	285	281	276	252
		LIQUID TEMP (F)	83	77	70	66	68	72
		ID AIR DB TEMP. RISE	26	27	26	25	24	20
		TOTAL / COMPR. AMPS	10 / 9	11 / 10	12 / 11	14 / 12	17 / 16	16 / 15

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YZV36B21S HIGH SPEED HEATING W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	**47**	**40**	**30**	**17**	**10**
70	990-1035	SUCTION PRESS (PSIG) / TEMP (F)	134	104	87	69	46	35
		SUCTION TEMP (F)	53	41	32	23	17	11
		SUCTION SUPERHEAT (F)	6	8	8	8	19	21
		LIQUID SUBCOOLING (F)	10	19	24	22	35	32
		LIQUID PRESS (PSIG) / TEMP (F)	338	356	348	337	362	326
		LIQUID TEMP (F)	94	89	82	82	74	68
		ID AIR DB TEMP. RISE	30	32	30	28	28	24
		TOTAL / COMPR. AMPS	11 / 10	12 / 12	13 / 12	14 / 13	18 / 17	16 / 15
	1100-1150	SUCTION PRESS (PSIG) / TEMP (F)	134	104	87	67	51	38
		SUCTION TEMP (F)	52	41	32	22	15	8
		SUCTION SUPERHEAT (F)	5	8	8	9	15	17
		LIQUID SUBCOOLING (F)	9	18	22	24	29	24
		LIQUID PRESS (PSIG) / TEMP (F)	330	343	336	333	338	312
		LIQUID TEMP (F)	93	87	81	78	74	73
		ID AIR DB TEMP. RISE	28	30	28	26	26	22
		TOTAL / COMPR. AMPS	11 / 10	13 / 12	13 / 12	15 / 14	18 / 17	17 / 16
	1210-1265	SUCTION PRESS (PSIG) / TEMP (F)	134	104	87	64	55	40
		SUCTION TEMP (F)	51	41	32	21	14	6
		SUCTION SUPERHEAT (F)	4	8	7	9	11	12
		LIQUID SUBCOOLING (F)	8	17	21	26	24	16
		LIQUID PRESS (PSIG) / TEMP (F)	321	330	324	328	314	298
		LIQUID TEMP (F)	92	85	80	75	75	79
		ID AIR DB TEMP. RISE	26	27	25	24	24	20
		TOTAL / COMPR. AMPS	11 / 10	11 / 13	13 / 12	15 / 14	17 / 16	17 / 16
80	990-1035	SUCTION PRESS (PSIG) / TEMP (F)	133	105	91	72	49	42
		SUCTION TEMP (F)	54	42	35	23	19	12
		SUCTION SUPERHEAT (F)	7	8	8	7	18	17
		LIQUID SUBCOOLING (F)	13	20	23	20	36	25
		LIQUID PRESS (PSIG) / TEMP (F)	384	402	395	387	415	332
		LIQUID TEMP (F)	101	97	92	94	83	74
		ID AIR DB TEMP. RISE	29	32	30	29	29	22
		TOTAL / COMPR. AMPS	11 / 11	14 / 13	14 / 13	16 / 15	20 / 19	16 / 16
	1100-1150	SUCTION PRESS (PSIG) / TEMP (F)	134	105	90	69	56	42
		SUCTION TEMP (F)	52	42	34	23	19	8
		SUCTION SUPERHEAT (F)	6	8	7	8	15	14
		LIQUID SUBCOOLING (F)	11	19	21	24	30	22
		LIQUID PRESS (PSIG) / TEMP (F)	377	388	379	381	383	337
		LIQUID TEMP (F)	101	95	91	89	83	80
		ID AIR DB TEMP. RISE	27	29	27	26	26	21
		TOTAL / COMPR. AMPS	12 / 11	14 / 13	14 / 13	16 / 15	19 / 18	17 / 17
	1210-1265	SUCTION PRESS (PSIG) / TEMP (F)	134	104	88	66	63	42
		SUCTION TEMP (F)	50	41	32	22	18	5
		SUCTION SUPERHEAT (F)	4	8	7	9	12	10
		LIQUID SUBCOOLING (F)	9	19	19	28	25	19
		LIQUID PRESS (PSIG) / TEMP (F)	370	374	363	375	351	343
		LIQUID TEMP (F)	101	93	90	84	82	86
		ID AIR DB TEMP. RISE	26	27	25	24	24	21
		TOTAL / COMPR. AMPS	12 / 12	14 / 13	14 / 13	16 / 15	17 / 17	19 / 18

NOTE: Use the following High/Medium/Low Airflow correlations for different OD DB Temps. 60°F,17°F & 10°F (1265/1150/1035CFM); 47°F & 40°F (1210/1100/990CFM); 30°F (1238/1125/1013CFM).

FOR USE WITH MODELS:

YZV48B21S
HC20B4821S
HL20B4821S

YZV48B21S COOLING HIGH COMPRESSOR SPEED SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	200(9)	200(10)	202(10)	204(11)
60	212(9)	213(9)	215(10)	218(11)
65	227(9)	228(9)	230(9)	233(10)
70	242(8)	244(8)	246(9)	250(9)
75	259(8)	261(8)	263(8)	267(9)
80	278(8)	280(8)	281(8)	286(9)
85	298(7)	300(8)	301(8)	306(8)
90	319(7)	321(7)	323(7)	328(8)
95	342(7)	344(7)	345(7)	350(8)
100	366(7)	367(7)	369(7)	374(7)
105	391(7)	393(7)	395(7)	400(7)
110	418(7)	419(7)	422(7)	426(7)
115	447(7)	447(7)	450(7)	454(7)
120	476(7)	477(7)	479(7)	483(7)
125	508(7)	507(7)	510(7)	513(7)

Charging chart is for use in Service mode only.
Charging chart is for use in Cooling mode only.

YZV48B21S HIGH SPEED COOLING W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1360	LIQUID PRESSURE (PSIG)	199	227	260	299	343	393	449	505
		LIQUID TEMPERATURE (°F)	59	69	79	88	99	108	118	128
		LIQUID SUBCOOLING (°F)	10	9	8	8	7	7	7	7
		SUCTION PRESSURE (PSIG)	128	129	130	130	131	127	125	130
		SUCTION TEMPERATURE (°F)	51	53	53	53	53	53	52	52
		SUCTION SUPERHEAT (°F)	7	8	8	8	8	8	7	7
		OUTDOOR UNIT CURRENT (A)	9.3	10.3	11.8	13.6	15.9	20.2	24.5	25.3
		COMPRESSOR CURRENT (A)	6.5	7.2	8.4	10.0	12.1	15.9	20.0	20.8
		INDOOR COIL DB TEMP DROP (°F)	23	23	22	22	22	23	23	22
	1560	LIQUID PRESSURE (PSIG)	200	228	261	300	344	394	450	506
		LIQUID TEMPERATURE (°F)	60	69	79	88	99	108	118	128
		LIQUID SUBCOOLING (°F)	10	9	8	8	7	7	7	7
		SUCTION PRESSURE (PSIG)	131	132	133	133	134	130	128	133
		SUCTION TEMPERATURE (°F)	52	54	54	54	55	54	53	53
		SUCTION SUPERHEAT (°F)	7	8	8	8	8	8	7	7
		OUTDOOR UNIT CURRENT (A)	10.6	11.6	13.1	14.9	17.2	21.5	25.6	26.6
		COMPRESSOR CURRENT (A)	6.5	7.2	8.4	10.0	12.1	16.0	20.1	20.8
		INDOOR COIL DB TEMP DROP (°F)	21	21	20	20	20	21	21	20
	1760	LIQUID PRESSURE (PSIG)	201	229	262	301	345	394	451	507
		LIQUID TEMPERATURE (°F)	60	69	79	88	99	108	118	128
		LIQUID SUBCOOLING (°F)	10	9	8	8	7	7	7	7
		SUCTION PRESSURE (PSIG)	134	135	136	136	137	132	130	136
		SUCTION TEMPERATURE (°F)	54	55	55	55	56	54	54	54
		SUCTION SUPERHEAT (°F)	7	8	8	8	8	8	7	7
		OUTDOOR UNIT CURRENT (A)	11.9	12.9	14.4	16.2	18.5	22.8	26.7	27.9
		COMPRESSOR CURRENT (A)	6.5	7.2	8.4	10.0	12.1	16.0	20.1	20.8
		INDOOR COIL DB TEMP DROP (°F)	19	19	18	18	18	19	20	18

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YZV48B21S HIGH SPEED COOLING W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
80/57	1360	LIQUID PRESSURE (PSIG)	199	226	258	297	341	391	448	507
		LIQUID TEMPERATURE (°F)	60	68	78	88	98	108	118	128
		LIQUID SUBCOOLING (°F)	9	9	8	7	7	7	7	7
		SUCTION PRESSURE (PSIG)	126	126	126	127	128	125	123	132
		SUCTION TEMPERATURE (°F)	51	52	53	54	54	53	54	53
		SUCTION SUPERHEAT (°F)	8	9	10	10	10	9	8	7
		OUTDOOR UNIT CURRENT (A)	9.4	10.2	11.6	13.4	15.7	20.1	24.4	25.3
		COMPRESSOR CURRENT (A)	6.5	7.2	8.3	9.9	12.0	15.9	20.1	21.0
		INDOOR COIL DB TEMP DROP (°F)	27	27	27	27	27	28	27	25
	1560	LIQUID PRESSURE (PSIG)	200	227	259	298	342	392	450	508
		LIQUID TEMPERATURE (°F)	61	69	78	89	98	108	118	128
		LIQUID SUBCOOLING (°F)	9	9	8	7	7	7	7	7
		SUCTION PRESSURE (PSIG)	131	131	131	132	133	130	129	137
		SUCTION TEMPERATURE (°F)	53	54	55	56	56	54	56	55
		SUCTION SUPERHEAT (°F)	8	9	10	10	10	9	8	7
		OUTDOOR UNIT CURRENT (A)	10.6	11.4	12.8	14.6	16.9	21.5	26	26.5
		COMPRESSOR CURRENT (A)	6.5	7.2	8.3	9.9	12.0	16.0	20	21.0
		INDOOR COIL DB TEMP DROP (°F)	25	25	25	25	25	25	25	23
	1760	LIQUID PRESSURE (PSIG)	201	228	260	299	343	393	452	509
		LIQUID TEMPERATURE (°F)	61	69	79	89	99	108	118	128
		LIQUID SUBCOOLING (°F)	9	9	8	7	7	7	7	7
		SUCTION PRESSURE (PSIG)	136	136	136	137	138	136	134	142
		SUCTION TEMPERATURE (°F)	55	56	57	58	58	56	58	57
		SUCTION SUPERHEAT (°F)	8	9	10	10	10	9	8	7
		OUTDOOR UNIT CURRENT (A)	11.8	12.6	14.0	15.8	18.1	22.8	27.1	27.7
		COMPRESSOR CURRENT (A)	6.5	7.2	8.3	9.9	12.0	16.2	20.3	21.0
		INDOOR COIL DB TEMP DROP (°F)	23	23	23	23	23	22	22	21
80/62	1360	LIQUID PRESSURE (PSIG)	199	227	260	299	343	393	448	506
		LIQUID TEMPERATURE (°F)	59	69	79	88	99	108	118	128
		LIQUID SUBCOOLING (°F)	10	9	8	8	7	7	7	7
		SUCTION PRESSURE (PSIG)	127	128	129	130	131	126	125	133
		SUCTION TEMPERATURE (°F)	51	52	53	53	52	53	50	51
		SUCTION SUPERHEAT (°F)	7	8	8	8	7	7	6	5
		OUTDOOR UNIT CURRENT (A)	9.2	10.3	11.7	13.6	15.9	20.1	24.3	25.2
		COMPRESSOR CURRENT (A)	6.5	7.2	8.4	10.0	12.0	15.9	20.0	20.9
		INDOOR COIL DB TEMP DROP (°F)	27	27	27	26	26	28	27	25
	1560	LIQUID PRESSURE (PSIG)	200	228	261	300	344	394	450	507
		LIQUID TEMPERATURE (°F)	60	69	79	88	99	108	118	128
		LIQUID SUBCOOLING (°F)	10	9	8	8	7	7	7	7
		SUCTION PRESSURE (PSIG)	131	132	133	134	135	130	130	137
		SUCTION TEMPERATURE (°F)	53	55	55	56	55	54	53	54
		SUCTION SUPERHEAT (°F)	8	9	9	9	8	8	7	6
		OUTDOOR UNIT CURRENT (A)	10.5	11.6	13.0	14.9	17.2	21.4	25.7	26.5
		COMPRESSOR CURRENT (A)	6.5	7.2	8.4	10.0	12.0	16.0	20.1	20.9
		INDOOR COIL DB TEMP DROP (°F)	25	25	25	24	24	26	25	23
	1760	LIQUID PRESSURE (PSIG)	201	229	262	301	345	394	452	508
		LIQUID TEMPERATURE (°F)	60	69	79	88	99	108	118	128
		LIQUID SUBCOOLING (°F)	10	9	8	8	7	7	7	7
		SUCTION PRESSURE (PSIG)	135	136	137	138	139	133	134	141
		SUCTION TEMPERATURE (°F)	56	57	58	58	58	55	56	56
		SUCTION SUPERHEAT (°F)	9	10	10	10	9	9	8	7
		OUTDOOR UNIT CURRENT (A)	11.8	12.9	14.3	16.2	18.5	22.8	27.1	27.8
		COMPRESSOR CURRENT (A)	6.5	7.2	8.4	10.0	12.0	16.1	20.2	20.9
		INDOOR COIL DB TEMP DROP (°F)	23	23	23	22	22	23	22	21

YZV48B21S HIGH SPEED COOLING W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	**65**	**75**	**85**	**95**	**105**	**115**	**125**
80/67	1360	LIQUID PRESSURE (PSIG)	202	230	263	301	345	396	452	510
		LIQUID TEMPERATURE (°F)	60	70	79	88	99	108	118	129
		LIQUID SUBCOOLING (°F)	10	9	8	8	7	7	7	7
		SUCTION PRESSURE (PSIG)	138	140	141	142	142	138	136	142
		SUCTION TEMPERATURE (°F)	60	59	57	57	56	56	56	55
		SUCTION SUPERHEAT (°F)	12	10	8	7	6	5	5	5
		OUTDOOR UNIT CURRENT (A)	9.1	10.2	11.7	13.7	16.0	20.5	24.8	25.5
		COMPRESSOR CURRENT (A)	6.3	7.0	8.3	9.9	12.1	16.2	20.3	21.2
		INDOOR COIL DB TEMP DROP (°F)	22	22	22	23	23	23	23	22
	1560	LIQUID PRESSURE (PSIG)	202	230	263	301	345	397	453	510
		LIQUID TEMPERATURE (°F)	60	70	79	88	99	109	118	129
		LIQUID SUBCOOLING (°F)	10	9	8	8	7	7	7	7
		SUCTION PRESSURE (PSIG)	141	143	144	145	145	141	139	145
		SUCTION TEMPERATURE (°F)	62	61	60	59	58	58	57	57
		SUCTION SUPERHEAT (°F)	13	11	9	8	7	6	6	6
		OUTDOOR UNIT CURRENT (A)	10.5	11.6	13.1	15.1	17.4	21.9	26.2	26.9
		COMPRESSOR CURRENT (A)	6.3	7.0	8.3	9.9	12.1	16.3	20.4	21.2
		INDOOR COIL DB TEMP DROP (°F)	20	20	20	21	21	21	21	20
	1760	LIQUID PRESSURE (PSIG)	202	230	263	301	345	397	454	510
		LIQUID TEMPERATURE (°F)	60	70	79	88	99	109	119	129
		LIQUID SUBCOOLING (°F)	10	9	8	8	7	7	7	7
		SUCTION PRESSURE (PSIG)	144	146	147	148	148	144	142	148
		SUCTION TEMPERATURE (°F)	65	63	62	61	60	59	59	59
		SUCTION SUPERHEAT (°F)	14	12	10	9	8	7	7	7
		OUTDOOR UNIT CURRENT (A)	11.9	13.0	14.5	16.5	18.8	23.2	27.6	28.3
		COMPRESSOR CURRENT (A)	6.3	7.0	8.3	9.9	12.1	16.3	20.4	21.2
		INDOOR COIL DB TEMP DROP (°F)	18	18	18	19	19	19	19	18
80/72	1360	LIQUID PRESSURE (PSIG)	204	233	267	306	350	400	457	513
		LIQUID TEMPERATURE (°F)	60	69	79	90	99	109	119	129
		LIQUID SUBCOOLING (°F)	11	10	9	8	8	7	7	7
		SUCTION PRESSURE (PSIG)	143	149	154	157	159	152	150	155
		SUCTION TEMPERATURE (°F)	70	67	64	62	61	60	62	61
		SUCTION SUPERHEAT (°F)	20	14	10	7	5	4	4	6
		OUTDOOR UNIT CURRENT (A)	8.9	10.1	11.7	13.7	16.1	20.7	25.1	25.9
		COMPRESSOR CURRENT (A)	6.3	7.1	8.4	10.1	12.3	16.5	20.7	21.5
		INDOOR COIL DB TEMP DROP (°F)	15	16	17	17	18	17	17	17
	1560	LIQUID PRESSURE (PSIG)	204	233	267	306	350	401	458	513
		LIQUID TEMPERATURE (°F)	60	69	79	90	99	109	119	129
		LIQUID SUBCOOLING (°F)	11	10	9	8	8	7	7	7
		SUCTION PRESSURE (PSIG)	145	151	156	159	161	155	153	157
		SUCTION TEMPERATURE (°F)	72	68	66	64	63	62	63	62
		SUCTION SUPERHEAT (°F)	21	15	11	8	6	5	5	7
		OUTDOOR UNIT CURRENT (A)	10.2	11.4	13.0	15.0	17.4	22.1	26.4	27.2
		COMPRESSOR CURRENT (A)	6.3	7.1	8.4	10.1	12.3	16.6	20.7	21.5
		INDOOR COIL DB TEMP DROP (°F)	13	14	15	15	16	16	16	15
	1760	LIQUID PRESSURE (PSIG)	204	233	267	306	350	401	459	513
		LIQUID TEMPERATURE (°F)	60	69	79	90	99	109	119	129
		LIQUID SUBCOOLING (°F)	11	10	9	8	8	7	7	7
		SUCTION PRESSURE (PSIG)	147	153	158	161	163	157	156	159
		SUCTION TEMPERATURE (°F)	74	70	68	66	65	63	64	64
		SUCTION SUPERHEAT (°F)	22	16	12	9	7	6	6	8
		OUTDOOR UNIT CURRENT (A)	11.5	12.7	14.3	16.3	18.7	23.4	27.8	28.5
		COMPRESSOR CURRENT (A)	6.3	7.1	8.4	10.1	12.3	16.6	20.8	21.5
		INDOOR COIL DB TEMP DROP (°F)	11	12	13	13	14	14	14	13

YZV48B21S HEATING HIGH COMPRESSOR SPEED SUBCOOLING CHARGING CHART					
OUTDOOR AMBIENT DB (°F)	INDOOR DRY BULB				
	60	65	70	75	80
	PRESSURE (PSIG)& SUBCOOLING (°F) AT LIQUID BASE VALVE				
60	281(10)	305(11)	329(11)	353(11)	376(11)
54	289(13)	312(13)	336(14)	359(14)	382(14)
47	296(15)	319(16)	342(16)	365(16)	388(16)
44	295(17)	317(17)	339(18)	361(18)	384(18)
40	293(19)	315(19)	336(19)	358(19)	379(19)
35	296(23)	320(23)	344(24)	368(24)	393(24)
30	299(27)	326(28)	352(28)	379(29)	406(29)
24	306(29)	332(29)	358(29)	384(29)	410(29)
17	313(30)	338(30)	363(29)	388(29)	413(29)
14	304(29)	329(28)	354(28)	380(28)	405(28)
10	294(27)	320(27)	345(27)	371(27)	397(27)

Charging chart is for use in Service mode only.
Charging chart is for use in Heating mode only.

YZV48B21S HIGH SPEED HEATING W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1395	SUCTION PRESS (PSIG) / TEMP (F)	138	106	90	68	51	45
		SUCTION TEMP (F)	50	37	28	24	14	7
		SUCTION SUPERHEAT (F)	2	2	2	10	12	10
		LIQUID SUBCOOLING (F)	10	16	20	31	32	29
		LIQUID PRESS (PSIG) / TEMP (F)	286	308	305	320	330	309
		LIQUID TEMP (F)	80	77	72	62	59	57
		ID AIR DB TEMP. RISE	29	32	30	27	28	25
		TOTAL / COMPR. AMPS	12 / 8	15 / 12	15 / 13	17 / 14	22 / 18	21 / 16
	1550	SUCTION PRESS (PSIG) / TEMP (F)	137	105	90	67	51	43
		SUCTION TEMP (F)	50	37	28	23	91	6
		SUCTION SUPERHEAT (F)	3	3	2	10	11	10
		LIQUID SUBCOOLING (F)	10	15	19	27	30	27
		LIQUID PRESS (PSIG) / TEMP (F)	281	296	293	299	313	294
		LIQUID TEMP (F)	79	75	70	61	59	56
		ID AIR DB TEMP. RISE	27	29	27	24	25	23
		TOTAL / COMPR. AMPS	13 / 8	16 / 11	16 / 12	17 / 13	22 / 17	21 / 16
	1705	SUCTION PRESS (PSIG) / TEMP (F)	137	105	90	66	50	42
		SUCTION TEMP (F)	50	37	28	23	169	5
		SUCTION SUPERHEAT (F)	3	3	2	10	11	10
		LIQUID SUBCOOLING (F)	11	15	17	23	27	24
		LIQUID PRESS (PSIG) / TEMP (F)	276	283	280	278	295	279
		LIQUID TEMP (F)	77	73	68	60	58	55
		ID AIR DB TEMP. RISE	26	26	25	21	23	20
		TOTAL / COMPR. AMPS	13 / 8	16 / 11	16 / 12	18 / 12	23 / 17	22 / 15

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YZV48B21S HIGH SPEED HEATING W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
70	1395	SUCTION PRESS (PSIG) / TEMP (F)	138	107	90	69	53	47
		SUCTION TEMP (F)	51	37	29	24	15	8
		SUCTION SUPERHEAT (F)	2	2	2	10	11	10
		LIQUID SUBCOOLING (F)	10	16	20	29	32	28
		LIQUID PRESS (PSIG) / TEMP (F)	324	356	348	354	380	359
		LIQUID TEMP (F)	87	85	79	70	69	66
		ID AIR DB TEMP. RISE	27	32	29	25	28	26
		TOTAL / COMPR. AMPS	14 / 9	17 / 13	17 / 14	19 / 15	23 / 20	23 / 18
	1550	SUCTION PRESS (PSIG) / TEMP (F)	138	106	90	69	52	46
		SUCTION TEMP (F)	51	37	29	24	53	8
		SUCTION SUPERHEAT (F)	3	2	2	10	11	10
		LIQUID SUBCOOLING (F)	11	16	19	28	29	27
		LIQUID PRESS (PSIG) / TEMP (F)	329	342	336	352	363	345
		LIQUID TEMP (F)	87	83	78	70	68	65
		ID AIR DB TEMP. RISE	27	29	27	25	26	23
		TOTAL / COMPR. AMPS	14 / 9	17 / 13	18 / 14	19 / 15	24 / 19	23 / 18
	1705	SUCTION PRESS (PSIG) / TEMP (F)	138	106	91	69	52	45
		SUCTION TEMP (F)	51	37	29	24	92	7
		SUCTION SUPERHEAT (F)	3	3	2	10	11	10
		LIQUID SUBCOOLING (F)	11	15	17	27	27	25
		LIQUID PRESS (PSIG) / TEMP (F)	333	327	324	350	346	332
		LIQUID TEMP (F)	88	81	77	70	67	64
		ID AIR DB TEMP. RISE	28	26	24	25	23	21
		TOTAL / COMPR. AMPS	14 / 10	16 / 14	18 / 13	19 / 15	25 / 19	24 / 17
80	1395	SUCTION PRESS (PSIG) / TEMP (F)	138	107	90	71	54	49
		SUCTION TEMP (F)	51	37	29	25	15	10
		SUCTION SUPERHEAT (F)	2	2	2	10	11	10
		LIQUID SUBCOOLING (F)	10	17	21	27	31	28
		LIQUID PRESS (PSIG) / TEMP (F)	362	404	390	389	429	409
		LIQUID TEMP (F)	94	93	86	77	78	76
		ID AIR DB TEMP. RISE	25	31	27	22	28	26
		TOTAL / COMPR. AMPS	16 / 10	18 / 15	19 / 15	21 / 16	25 / 22	25 / 20
	1550	SUCTION PRESS (PSIG) / TEMP (F)	138	107	91	72	54	48
		SUCTION TEMP (F)	51	37	29	25	15	10
		SUCTION SUPERHEAT (F)	3	2	2	9	11	10
		LIQUID SUBCOOLING (F)	11	16	19	29	29	27
		LIQUID PRESS (PSIG) / TEMP (F)	376	388	379	406	413	397
		LIQUID TEMP (F)	96	91	86	79	77	75
		ID AIR DB TEMP. RISE	28	29	26	25	26	24
		TOTAL / COMPR. AMPS	15 / 11	19 / 14	19 / 15	21 / 17	26 / 21	25 / 20
	1705	SUCTION PRESS (PSIG) / TEMP (F)	139	107	92	73	54	47
		SUCTION TEMP (F)	51	37	29	26	15	9
		SUCTION SUPERHEAT (F)	3	2	2	9	11	10
		LIQUID SUBCOOLING (F)	11	15	17	30	27	26
		LIQUID PRESS (PSIG) / TEMP (F)	391	372	369	422	397	385
		LIQUID TEMP (F)	98	90	86	80	76	73
		ID AIR DB TEMP. RISE	30	26	24	28	23	21
		TOTAL / COMPR. AMPS	15 / 11	19 / 14	20 / 15	21 / 17	26 / 21	26 / 20

FOR USE WITH MODELS:

YZV60B21S
HC20B6021S
HL20B6021S

YZV60B21S COOLING HIGH COMPRESSOR SPEED SUBCOOLING CHARGING CHART				
OUTDOOR AMBIENT DB (°F)	INDOOR WET BULB (°F) AT 80°F DRY BULB			
	57	62	67	72
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE			
55	192(7)	194(8)	196(9)	198(10)
60	210(8)	212(8)	216(9)	217(10)
65	230(8)	231(9)	236(9)	238(10)
70	249(8)	251(9)	256(9)	259(10)
75	270(9)	272(9)	277(10)	281(10)
80	292(9)	294(9)	299(10)	303(10)
85	314(9)	316(9)	322(10)	326(10)
90	337(9)	340(10)	345(10)	350(10)
95	361(9)	364(10)	369(10)	374(9)
100	386(9)	389(10)	394(9)	400(9)
105	412(9)	415(10)	419(9)	425(9)
110	438(9)	441(9)	445(9)	452(9)
115	466(9)	468(9)	472(9)	479(9)
120	494(9)	497(9)	499(8)	507(9)
125	523(9)	525(9)	527(8)	536(9)

Charging chart is for use in Service mode only.
Charging chart is for use in Cooling mode only.

YZV60B21S HIGH SPEED COOLING W/ NOMINAL COIL

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
75/62	1530	LIQUID PRESSURE (PSIG)	193	231	272	316	364	410	464	523
		LIQUID TEMPERATURE (°F)	60	70	81	90	100	109	120	130
		LIQUID SUBCOOLING (°F)	8	9	9	10	10	10	9	8
		SUCTION PRESSURE (PSIG)	124	125	125	125	125	122	123	125
		SUCTION TEMPERATURE (°F)	55	54	52	52	53	57	57	59
		SUCTION SUPERHEAT (°F)	12	11	9	9	10	11	13	16
		OUTDOOR UNIT CURRENT (A)	13.9	14.8	16.2	18.0	20.2	24.5	26.7	29.3
		COMPRESSOR CURRENT (A)	12.1	13.1	14.5	16.3	18.5	22.7	24.9	27.4
		INDOOR COIL DB TEMP DROP (°F)	23	23	22	22	22	23	23	24
	1800	LIQUID PRESSURE (PSIG)	194	232	273	317	365	412	465	524
		LIQUID TEMPERATURE (°F)	60	70	81	90	100	110	120	130
		LIQUID SUBCOOLING (°F)	8	9	9	10	10	10	9	8
		SUCTION PRESSURE (PSIG)	126	127	127	127	127	125	125	127
		SUCTION TEMPERATURE (°F)	55	55	53	53	54	58	58	60
		SUCTION SUPERHEAT (°F)	12	11	9	9	10	11	13	16
		OUTDOOR UNIT CURRENT (A)	13.9	14.8	16.2	18.0	20.2	26.0	28.0	29.3
		COMPRESSOR CURRENT (A)	12.2	13.2	14.6	16.4	18.6	24.3	26.1	27.5
		INDOOR COIL DB TEMP DROP (°F)	21	21	20	20	20	22	22	22
	1980	LIQUID PRESSURE (PSIG)	195	233	274	318	366	414	465	525
		LIQUID TEMPERATURE (°F)	60	70	81	90	100	110	120	130
		LIQUID SUBCOOLING (°F)	8	9	9	10	10	10	9	8
		SUCTION PRESSURE (PSIG)	128	129	129	129	129	127	128	129
		SUCTION TEMPERATURE (°F)	56	56	54	54	55	59	58	61
		SUCTION SUPERHEAT (°F)	12	11	9	9	10	11	13	16
		OUTDOOR UNIT CURRENT (A)	13.9	14.8	16.2	18.0	20.2	27.6	29.3	29.3
		COMPRESSOR CURRENT (A)	12.3	13.3	14.7	16.5	18.7	25.8	27.4	27.6
		INDOOR COIL DB TEMP DROP (°F)	19	19	18	18	18	20	20	20

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YZV60B21S HIGH SPEED COOLING W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
80/57	1530	LIQUID PRESSURE (PSIG)	192	230	270	314	361	407	461	523
		LIQUID TEMPERATURE (°F)	60	71	80	90	100	109	119	129
		LIQUID SUBCOOLING (°F)	7	8	9	9	9	9	9	9
		SUCTION PRESSURE (PSIG)	120	118	118	118	119	114	116	126
		SUCTION TEMPERATURE (°F)	54	51	51	50	51	55	51	59
		SUCTION SUPERHEAT (°F)	13	11	11	10	11	12	13	16
		OUTDOOR UNIT CURRENT (A)	13.6	14.7	16.1	18.0	20.2	23.9	26.0	29.2
		COMPRESSOR CURRENT (A)	12.0	13.0	14.4	16.2	18.5	22.2	24.2	27.4
		INDOOR COIL DB TEMP DROP (°F)	29	29	28	28	28	32	31	30
	1800	LIQUID PRESSURE (PSIG)	192	230	270	314	361	410	463	523
		LIQUID TEMPERATURE (°F)	60	71	80	90	100	109	120	129
		LIQUID SUBCOOLING (°F)	7	8	9	9	9	9	9	9
		SUCTION PRESSURE (PSIG)	121	119	119	119	120	121	123	127
		SUCTION TEMPERATURE (°F)	54	51	51	50	52	57	54	60
		SUCTION SUPERHEAT (°F)	13	11	11	10	11	12	13	16
		OUTDOOR UNIT CURRENT (A)	13.5	14.6	16.0	17.9	20.1	25.6	27	29.1
		COMPRESSOR CURRENT (A)	11.9	12.9	14.3	16.1	18.4	23.8	25	27.3
		INDOOR COIL DB TEMP DROP (°F)	26	26	25	25	25	28	28	27
	1980	LIQUID PRESSURE (PSIG)	192	230	270	314	361	412	465	523
		LIQUID TEMPERATURE (°F)	60	71	80	90	100	110	120	129
		LIQUID SUBCOOLING (°F)	7	8	9	9	9	9	9	9
		SUCTION PRESSURE (PSIG)	122	120	120	120	121	127	129	128
		SUCTION TEMPERATURE (°F)	55	52	52	51	52	59	57	60
		SUCTION SUPERHEAT (°F)	13	11	11	10	11	12	13	16
		OUTDOOR UNIT CURRENT (A)	13.4	14.5	15.9	17.8	20.0	27.2	28.5	29.0
		COMPRESSOR CURRENT (A)	11.8	12.8	14.2	16.0	18.3	25.5	26.7	27.2
		INDOOR COIL DB TEMP DROP (°F)	23	23	22	22	22	24	24	24
80/62	1530	LIQUID PRESSURE (PSIG)	194	231	272	316	364	411	464	525
		LIQUID TEMPERATURE (°F)	60	70	81	91	100	110	120	129
		LIQUID SUBCOOLING (°F)	8	9	9	9	10	10	9	9
		SUCTION PRESSURE (PSIG)	124	124	123	123	124	123	123	127
		SUCTION TEMPERATURE (°F)	56	54	52	52	54	57	55	63
		SUCTION SUPERHEAT (°F)	13	11	10	10	11	12	15	19
		OUTDOOR UNIT CURRENT (A)	13.8	14.8	16.2	18.0	20.3	24.4	26.6	29.5
		COMPRESSOR CURRENT (A)	12.1	13.1	14.6	16.4	18.6	22.7	24.9	27.6
		INDOOR COIL DB TEMP DROP (°F)	28	27	26	26	27	28	28	30
	1800	LIQUID PRESSURE (PSIG)	194	231	272	316	364	412	465	525
		LIQUID TEMPERATURE (°F)	60	70	81	91	100	110	120	129
		LIQUID SUBCOOLING (°F)	8	9	9	9	10	10	9	9
		SUCTION PRESSURE (PSIG)	125	125	124	124	125	125	126	128
		SUCTION TEMPERATURE (°F)	56	54	53	53	54	58	57	63
		SUCTION SUPERHEAT (°F)	13	11	10	10	11	12	15	19
		OUTDOOR UNIT CURRENT (A)	13.7	14.7	16.1	17.9	20.2	25.8	28.0	29.4
		COMPRESSOR CURRENT (A)	12.1	13.1	14.6	16.4	18.6	24.0	26.1	27.6
		INDOOR COIL DB TEMP DROP (°F)	25	24	23	23	24	26	26	27
	1980	LIQUID PRESSURE (PSIG)	194	231	272	316	364	413	465	525
		LIQUID TEMPERATURE (°F)	60	70	81	91	100	110	121	129
		LIQUID SUBCOOLING (°F)	8	9	9	9	10	10	9	9
		SUCTION PRESSURE (PSIG)	126	126	125	125	126	128	129	129
		SUCTION TEMPERATURE (°F)	56	54	53	53	54	59	60	64
		SUCTION SUPERHEAT (°F)	13	11	10	10	11	12	15	19
		OUTDOOR UNIT CURRENT (A)	13.6	14.6	16.0	17.8	20.1	27.1	29.3	29.3
		COMPRESSOR CURRENT (A)	12.1	13.1	14.6	16.4	18.6	25.4	27.4	27.6
		INDOOR COIL DB TEMP DROP (°F)	22	21	20	20	21	24	24	24

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YZV60B21S HIGH SPEED COOLING W/ NOMINAL COIL (Continued)

ID DB / ID WB (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	COOLING SERVICE DATA							
			55	65	75	85	95	105	115	125
80/67	1530	LIQUID PRESSURE (PSIG)	194	234	275	320	367	414	469	525
		LIQUID TEMPERATURE (°F)	59	71	80	91	100	111	121	130
		LIQUID SUBCOOLING (°F)	9	9	10	10	10	9	9	8
		SUCTION PRESSURE (PSIG)	131	134	136	138	139	133	133	135
		SUCTION TEMPERATURE (°F)	63	59	55	54	54	60	63	62
		SUCTION SUPERHEAT (°F)	18	12	8	6	5	7	10	15
		OUTDOOR UNIT CURRENT (A)	13.7	14.8	16.2	18.1	20.3	24.8	27.0	29.6
		COMPRESSOR CURRENT (A)	12.0	13.1	14.6	16.4	18.7	23.1	25.3	27.8
		INDOOR COIL DB TEMP DROP (°F)	22	22	23	23	23	23	23	24
	1800	LIQUID PRESSURE (PSIG)	196	236	277	322	369	415	470	527
		LIQUID TEMPERATURE (°F)	60	71	81	91	101	111	121	130
		LIQUID SUBCOOLING (°F)	9	9	10	10	10	9	9	8
		SUCTION PRESSURE (PSIG)	134	137	139	141	142	136	136	138
		SUCTION TEMPERATURE (°F)	67	62	59	57	57	61	63	65
		SUCTION SUPERHEAT (°F)	20	14	10	8	7	9	12	17
		OUTDOOR UNIT CURRENT (A)	13.7	14.8	16.2	18.1	20.3	26.3	28.3	29.6
		COMPRESSOR CURRENT (A)	12.1	13.2	14.7	16.5	18.8	24.6	26.5	27.9
		INDOOR COIL DB TEMP DROP (°F)	20	20	21	21	21	21	22	22
	1980	LIQUID PRESSURE (PSIG)	198	238	279	324	371	416	471	529
		LIQUID TEMPERATURE (°F)	60	72	81	92	101	112	121	131
		LIQUID SUBCOOLING (°F)	9	9	10	10	10	9	9	8
		SUCTION PRESSURE (PSIG)	137	140	142	144	145	138	139	141
		SUCTION TEMPERATURE (°F)	70	65	62	61	53	62	64	68
		SUCTION SUPERHEAT (°F)	22	16	12	10	2	2	14	19
		OUTDOOR UNIT CURRENT (A)	13.7	14.8	16.2	18.1	20.3	27.9	29.7	29.6
		COMPRESSOR CURRENT (A)	12.2	13.3	14.8	16.6	18.9	26.1	27.8	28.0
		INDOOR COIL DB TEMP DROP (°F)	18	18	19	19	19	20	20	20
80/72	1530	LIQUID PRESSURE (PSIG)	197	237	280	325	373	420	473	535
		LIQUID TEMPERATURE (°F)	59	70	81	92	103	113	122	130
		LIQUID SUBCOOLING (°F)	10	10	10	10	9	9	9	9
		SUCTION PRESSURE (PSIG)	134	142	148	152	154	145	147	148
		SUCTION TEMPERATURE (°F)	70	65	61	60	60	64	64	73
		SUCTION SUPERHEAT (°F)	23	15	9	6	6	8	13	21
		OUTDOOR UNIT CURRENT (A)	13.8	14.8	16.3	18.2	20.6	25.2	27.5	30.5
		COMPRESSOR CURRENT (A)	12.2	13.2	14.7	16.6	18.9	23.5	25.8	28.6
		INDOOR COIL DB TEMP DROP (°F)	16	16	17	17	18	18	18	18
	1800	LIQUID PRESSURE (PSIG)	198	238	281	326	374	420	473	536
		LIQUID TEMPERATURE (°F)	59	71	82	92	103	113	122	131
		LIQUID SUBCOOLING (°F)	10	10	10	10	9	9	9	9
		SUCTION PRESSURE (PSIG)	136	144	150	154	156	148	149	150
		SUCTION TEMPERATURE (°F)	71	67	63	61	62	65	65	75
		SUCTION SUPERHEAT (°F)	24	16	10	7	7	9	14	22
		OUTDOOR UNIT CURRENT (A)	13.7	14.7	16.2	18.1	20.5	26.8	28.8	30.4
		COMPRESSOR CURRENT (A)	12.2	13.2	14.7	16.6	18.9	23.2	27.0	28.6
		INDOOR COIL DB TEMP DROP (°F)	15	15	16	16	17	17	17	17
	1980	LIQUID PRESSURE (PSIG)	199	239	282	327	375	421	473	537
		LIQUID TEMPERATURE (°F)	59	71	82	92	103	113	122	131
		LIQUID SUBCOOLING (°F)	10	10	10	10	9	9	9	9
		SUCTION PRESSURE (PSIG)	138	146	152	156	158	150	151	152
		SUCTION TEMPERATURE (°F)	73	68	65	63	58	66	67	77
		SUCTION SUPERHEAT (°F)	25	17	11	8	2	2	15	23
		OUTDOOR UNIT CURRENT (A)	13.6	14.6	16.1	18.0	20.4	28.4	30.1	30.3
		COMPRESSOR CURRENT (A)	12.2	13.2	14.7	16.6	18.9	26.6	28.2	28.6
		INDOOR COIL DB TEMP DROP (°F)	14	14	15	15	16	15	15	16

NOTE: Use the following High/Medium/Low Airflow correlations for different OD DB Temps. 125°F (1664/1513/1286CFM); 115°F (1793/1630/1386CFM); 105°F (1916/1742/1481CFM).

YZV60B21S HEATING HIGH COMPRESSOR SPEED SUBCOOLING CHARGING CHART					
OUTDOOR AMBIENT DB (°F)	INDOOR DRY BULB				
	60	65	70	75	80
	PRESSURE (PSIG) & SUBCOOLING (°F) AT LIQUID BASE VALVE				
60	315(14)	336(14)	357(14)	378(14)	399(13)
54	314(18)	336(18)	357(19)	379(18)	401(18)
47	313(22)	335(23)	357(23)	380(23)	402(23)
44	314(26)	331(26)	348(26)	365(26)	383(26)
40	315(29)	327(29)	339(29)	351(29)	363(29)
35	308(29)	315(27)	322(24)	329(22)	337(19)
30	301(29)	303(24)	305(19)	308(14)	310(9)
24	294(29)	298(24)	302(19)	307(14)	312(9)
17	286(29)	293(24)	299(19)	306(14)	313(9)
14	290(32)	305(29)	320(27)	335(25)	350(22)
10	294(34)	317(35)	340(35)	364(35)	387(35)

Charging chart is for use in Service mode only.
Charging chart is for use in Heating mode only.

YZV60B21S HIGH SPEED HEATING W/ NOMINAL COIL

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	47	40	30	17	10
60	1372-1580	SUCTION PRESS (PSIG) / TEMP (F)	129	101	77	65	47	41
		SUCTION TEMP (F)	50	38	23	17	8	1
		SUCTION SUPERHEAT (F)	6	6	5	5	8	6
		LIQUID SUBCOOLING (F)	15	23	34	31	35	38
		LIQUID PRESS (PSIG) / TEMP (F)	330	324	335	312	313	308
		LIQUID TEMP (F)	87	78	70	68	64	60
		ID AIR DB TEMP. RISE	39	36	33	30	28	25
		TOTAL / COMPR. AMPS	18 / 16	18 / 17	22 / 21	22 / 21	25 / 24	24 / 22
	1524-1755	SUCTION PRESS (PSIG) / TEMP (F)	128	101	79	66	53	41
		SUCTION TEMP (F)	50	39	25	17	8	2
		SUCTION SUPERHEAT (F)	6	6	5	5	10	7
		LIQUID SUBCOOLING (F)	14	22	29	29	29	34
		LIQUID PRESS (PSIG) / TEMP (F)	315	313	315	301	286	294
		LIQUID TEMP (F)	85	76	71	67	64	60
		ID AIR DB TEMP. RISE	36	33	31	28	25	23
		TOTAL / COMPR. AMPS	18 / 17	18 / 17	23 / 22	23 / 22	24 / 23	25 / 23
	1676-1930	SUCTION PRESS (PSIG) / TEMP (F)	128	101	82	67	58	41
		SUCTION TEMP (F)	50	39	27	18	9	3
		SUCTION SUPERHEAT (F)	6	7	5	5	12	8
		LIQUID SUBCOOLING (F)	13	22	23	26	23	31
		LIQUID PRESS (PSIG) / TEMP (F)	301	301	295	289	259	280
		LIQUID TEMP (F)	83	74	72	67	64	60
		ID AIR DB TEMP. RISE	33	31	28	26	22	21
		TOTAL / COMPR. AMPS	18 / 17	19 / 17	24 / 23	23 / 22	24 / 23	26 / 24

Continued on next page.

YZV60B21S HIGH SPEED HEATING W/ NOMINAL COIL (Continued)

ID Temp (°F)	ID AIRFLOW (SCFM)	OUTDOOR TEMPERATURE DB (°F)	HEATING SERVICE DATA					
			60	**47**	**40**	**30**	**17**	**10**
70	1372-1580	SUCTION PRESS (PSIG) / TEMP (F)	130	102	64	52	40	41
		SUCTION TEMP (F)	50	39	19	9	3	3
		SUCTION SUPERHEAT (F)	5	7	8	7	10	9
		LIQUID SUBCOOLING (F)	14	23	34	16	25	38
		LIQUID PRESS (PSIG) / TEMP (F)	371	369	363	309	322	356
		LIQUID TEMP (F)	97	87	75	82	75	69
		ID AIR DB TEMP. RISE	38	35	28	24	24	25
		TOTAL / COMPR. AMPS	19 / 18	20 / 18	23 / 22	21 / 20	25 / 23	26 / 24
	1524-1755	SUCTION PRESS (PSIG) / TEMP (F)	129	102	63	52	42	41
		SUCTION TEMP (F)	50	39	18	9	2	3
		SUCTION SUPERHEAT (F)	5	7	8	6	10	8
		LIQUID SUBCOOLING (F)	14	23	29	19	19	35
		LIQUID PRESS (PSIG) / TEMP (F)	357	357	339	305	299	340
		LIQUID TEMP (F)	94	85	76	78	77	70
		ID AIR DB TEMP. RISE	35	32	26	22	21	23
		TOTAL / COMPR. AMPS	20 / 18	20 / 19	23 / 22	22 / 21	25 / 23	27 / 25
	1676-1930	SUCTION PRESS (PSIG) / TEMP (F)	129	102	62	53	44	42
		SUCTION TEMP (F)	50	39	17	9	1	3
		SUCTION SUPERHEAT (F)	5	7	8	6	11	8
		LIQUID SUBCOOLING (F)	14	22	23	21	12	31
		LIQUID PRESS (PSIG) / TEMP (F)	344	346	316	302	277	324
		LIQUID TEMP (F)	91	83	76	75	79	70
		ID AIR DB TEMP. RISE	32	30	23	21	19	21
		TOTAL / COMPR. AMPS	20 / 19	19 / 21	24 / 23	24 / 22	25 / 23	28 / 26
80	1372-1580	SUCTION PRESS (PSIG) / TEMP (F)	131	103	52	39	33	40
		SUCTION TEMP (F)	51	40	14	1	-2	4
		SUCTION SUPERHEAT (F)	5	7	11	8	12	11
		LIQUID SUBCOOLING (F)	12	23	34	1	16	39
		LIQUID PRESS (PSIG) / TEMP (F)	411	414	390	305	331	405
		LIQUID TEMP (F)	107	96	80	96	87	78
		ID AIR DB TEMP. RISE	37	34	23	18	20	25
		TOTAL / COMPR. AMPS	21 / 19	21 / 20	23 / 22	21 / 20	25 / 23	28 / 27
	1524-1755	SUCTION PRESS (PSIG) / TEMP (F)	130	103	47	39	31	42
		SUCTION TEMP (F)	50	40	10	0	-4	4
		SUCTION SUPERHEAT (F)	5	7	11	8	11	9
		LIQUID SUBCOOLING (F)	13	23	29	9	9	35
		LIQUID PRESS (PSIG) / TEMP (F)	399	402	363	310	313	387
		LIQUID TEMP (F)	103	94	81	89	90	79
		ID AIR DB TEMP. RISE	34	31	20	17	18	23
		TOTAL / COMPR. AMPS	21 / 20	22 / 21	23 / 22	22 / 21	26 / 23	29 / 27
	1676-1930	SUCTION PRESS (PSIG) / TEMP (F)	130	102	43	38	29	44
		SUCTION TEMP (F)	50	40	6	0	-7	4
		SUCTION SUPERHEAT (F)	5	7	11	8	10	7
		LIQUID SUBCOOLING (F)	14	23	23	16	1	31
		LIQUID PRESS (PSIG) / TEMP (F)	387	390	337	314	295	369
		LIQUID TEMP (F)	100	92	81	83	93	80
		ID AIR DB TEMP. RISE	32	29	18	16	15	22
		TOTAL / COMPR. AMPS	22 / 20	23 / 21	23 / 22	24 / 22	26 / 23	30 / 28

NOTE: Use the following High/Medium/Low Airflow correlations for different OD DB Temps. 60°F (1690/1536/1382CFM); 47°F (1676/1524/1372CFM); 40°F (1895/1723/1551CFM); 30°F (1905/1732/1559CFM); 17°F (1923/1748/1573CFM); 10°F (1931/1755/1580CFM).

NOTES

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