

## Packaged Water-to-Air Troubleshooting Form

Customer:	Loop Type:			Startup Date:	
Model #:	Serial #:		Antifreeze Type & %:		
Complaint:					
	REFRIGERANT:	R-22	R-410A	HEATING POSITION COOLING POSITION	
	OPERATING MOD	E: HEATING	COOLING		
72	REFRIG FLOW - HEATING	REFRIG FLOV	V - COOLING		
		CONDENSER (COOLING) EVAPORATOR (HEATING		© SUCTION  COMPRESSOR  DISCHARGE  * Filter drier not used for some R-22 units.  ** Turn off HWG before troubleshooting.	

Description		Heating	Cooling	Notes			
Water Side Analysis							
1	Water In Temp.						
2 Water Out Temp.				Temp. Diff. =			
3	Water In Pressure						
4	Water Out Pressure						
4a	Pressure Drop						
4b	GPM						
Heat o	Heat of Extraction (Absorption) or Heat of Rejection:						
HE or	r HR (Btuh) =	E	nter HE or HR:	500 (Water); 485 (Antifreeze)			
	, ,			S Elvid Factor			
Flow Rate (GPM) x Temp. Diff (deg F) x Fluid Factor							
	Custian Tamp	T.E.	efrigerant Analysis				
5	Suction Temp.						
6	Suction Pressure			<u> </u>			
6a	Saturation Temp.						
6b	Superheat						
7	Discharge Temp.						
8	Discharge Pressure						
8a	Saturation Temp.						
8b	Subcooling						
9	Liquid Line Temp						
10	Return Air Temp.						
11	Supply Air Temp.			Temp. Diff. =			
	Voltage						
	Compress Amps						