

# 2012 York Tech Guide

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## York Air Conditioners



### YCJD4

#### Latitude "Micro-Channel" Air Conditioner

\* **WARRANTY:** 10 years parts, 10 years compressor

**SEER:** up to 14.0

**COMPRESSOR** 1-Stage

Latitude™



| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Metering Device | Uncrated Dimensions |        |        | Shipping Weight (lbs.) | Sound Rating | MCA  | Min/Max Fuse | Line Size |         |
|--------------|--------------|--------------------------|-----------------|---------------------|--------|--------|------------------------|--------------|------|--------------|-----------|---------|
|              |              |                          |                 | H                   | W      | D      |                        |              |      |              | OD Gas    | OD Liq. |
| YCJD18S41S1  | 208-230/1/60 | 18,000                   | .048/4F1        | 28                  | 23-1/2 | 23-1/2 | 97                     | 75           | 9.8  | 15/15        | 3/4       | 3/8     |
| YCJD24S41S1  | 208-230/1/60 | 24,000                   | .055/4F1        | 28                  | 23-1/2 | 23-1/2 | 129                    | 76           | 12.4 | 15/20        | 3/4       | 3/8     |
| YCJD30S41S1  | 208-230/1/60 | 30,000                   | .061/4M1        | 28                  | 23-1/2 | 23-1/2 | 131                    | 76           | 14.7 | 15/25        | 3/4       | 3/8     |
| YCJD36S41S1  | 208-230/1/60 | 36,000                   | .065/4G1        | 28                  | 29     | 29     | 145                    | 76           | 17.9 | 20/30        | 3/4       | 3/8     |
| YCJD42S41S1  | 208-230/1/60 | 42,000                   | .075/4G1        | 30                  | 29     | 29     | 173                    | 76           | 21.5 | 25/35        | 7/8       | 3/8     |
| YCJD48S41S1  | 208-230/1/60 | 48,000                   | .073/4H1        | 30                  | 29     | 29     | 173                    | 77           | 21.1 | 25/35        | 7/8       | 3/8     |
| YCJD60S41S1  | 208-230/1/60 | 60,000                   | .087/4J1        | 32                  | 33-5/8 | 33-5/8 | 195                    | 78           | 34.3 | 35/60        | 7/8       | 3/8     |

\* Warranty must be registered online @ [www.upgnet.com](http://www.upgnet.com) or [www.york.com](http://www.york.com) within 90 days for 10-year all parts warranty.

\*\* Includes Fan Guard



### YCJF4

#### "LX" Series Air Conditioner

\* **WARRANTY:** 10 years parts, 10 years compressor

**SEER:** up to 16.5

**COMPRESSOR** 1-Stage

LXseries



| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Metering Device | Uncrated Dimensions |      |      | Shipping Weight (lbs.) | Sound Rating | MCA  | Min/Max Fuse | Line Size |         |
|--------------|--------------|--------------------------|-----------------|---------------------|------|------|------------------------|--------------|------|--------------|-----------|---------|
|              |              |                          |                 | H                   | W    | D    |                        |              |      |              | OD Gas    | OD Liq. |
| YCJF24S41S1  | 208-230/1/60 | 24,000                   | 1TVM4F1         | 28                  | 29   | 29   | 128                    | 72           | 16.8 | 20/25        | 3/4       | 3/8     |
| YCJF30S41S1  | 208-230/1/60 | 30,000                   | 1TVM4G1         | 36                  | 29   | 29   | 130                    | 71           | 18.4 | 20/30        | 3/4       | 3/8     |
| YCJF36S41S1  | 208-230/1/60 | 36,000                   | 1TVM4G1         | 36                  | 29   | 29   | 145                    | 71           | 19.1 | 20/30        | 3/4       | 3/8     |
| YCJF42S41S1  | 208-230/1/60 | 42,000                   | 1TVM4G1         | 34                  | 33.6 | 33.6 | 172                    | 75           | 23.9 | 25/40        | 7/8       | 3/8     |
| YCJF48S41S1  | 208-230/1/60 | 48,000                   | 1TVM4J1         | 36                  | 33.6 | 33.6 | 180                    | 74           | 27.9 | 30/45        | 7/8       | 3/8     |
| YCJF60S41S1  | 208-230/1/60 | 60,000                   | 1TVM4J1         | 40                  | 33.6 | 33.6 | 199                    | 74           | 35.9 | 40/60        | ***7/8    | 3/8     |

\* Warranty must be registered online @ [www.upgnet.com](http://www.upgnet.com) or [www.york.com](http://www.york.com) within 90 days for 10-year all parts warranty.

\*\* Includes Fan Guard

\*\*\* Adapter fitting required for 1-1/8" line set



## York Air Conditioners



### CZF (Communicating) Affinity "5S" Air Conditioner

\* **WARRANTY:** 10 years parts, Lifetime compressor  
**SEER:** up to 17.8  
**COMPRESSOR** 1-Stage



| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Metering Device | Uncrated Dimensions |    |    | Shipping Weight (lbs.) | Sound Rating | MCA  | Min/Max Fuse | Line Size |         |
|--------------|--------------|--------------------------|-----------------|---------------------|----|----|------------------------|--------------|------|--------------|-----------|---------|
|              |              |                          |                 | H                   | W  | D  |                        |              |      |              | OD Gas    | OD Liq. |
| CZF02413C    | 208-230/1/60 | 24,000                   | 1TVM4F1         | 29-1/2              | 31 | 37 | 159                    | 67           | 17.3 | 20/30        | 3/4       | 3/8     |
| CZF03013C    | 208-230/1/60 | 30,000                   | 1TVM4F1         | 29-1/2              | 31 | 37 | 166                    | 70           | 18.1 | 20/30        | 3/4       | 3/8     |
| CZF03613C    | 208-230/1/60 | 36,000                   | 1TVM4F1         | 33-1/2              | 31 | 37 | 192                    | 73           | 22.9 | 25/40        | 3/4       | 3/8     |
| CZF04213C    | 208-230/1/60 | 42,000                   | 1TVM4N1         | 39-1/2              | 31 | 37 | 209                    | 71           | 23.7 | 25/40        | 7/8       | 3/8     |
| CZF04813C    | 208-230/1/60 | 48,000                   | 1TVM4N1         | 39-1/2              | 34 | 42 | 225                    | 72           | 27.7 | 30/45        | 7/8       | 3/8     |
| CZF06013C    | 208-230/1/60 | 60,000                   | 1TVM4H1         | 39-1/2              | 34 | 42 | 235                    | 74           | 29.5 | 35/50        | ***7/8    | 3/8     |

\* See premium warranty registration process for Lifetime Compressor Warranty to convey.

\* Warranty must be registered online @ [www.upgnet.com](http://www.upgnet.com) or [www.york.com](http://www.york.com) within 90 days for 10-year all parts warranty.

\*\* Expander fitting required for recommended 1-1/8" line set



### CZH (Communicating) Affinity "8T" Air Conditioner

\* **WARRANTY:** 10 years parts, Lifetime compressor  
**SEER:** up to 18.5  
**COMPRESSOR** 2-Stage



| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Metering Device | Uncrated Dimensions |    |    | Shipping Weight (lbs.) | Sound Rating | MCA  | Min/Max Fuse | Line Size |         |
|--------------|--------------|--------------------------|-----------------|---------------------|----|----|------------------------|--------------|------|--------------|-----------|---------|
|              |              |                          |                 | H                   | W  | D  |                        |              |      |              | OD Gas    | OD Liq. |
| CZH02411C    | 208-230/1/60 | 24,000                   | 1TVM4F1         | 39-1/2              | 34 | 42 | 305                    | 71           | 15.6 | 20/25        | 3/4       | 3/8     |
| CZH03611C    | 208-230/1/60 | 36,000                   | 1TVM4H1         | 39-1/2              | 34 | 42 | 305                    | 73           | 23.6 | 25/40        | 3/4       | 3/8     |
| CZH04811C    | 208-230/1/60 | 48,000                   | 1TVM4J1         | 39-1/2              | 34 | 42 | 310                    | 72           | 29.2 | 30/50        | 7/8       | 3/8     |
| CZH06011C    | 208-230/1/60 | 60,000                   | 1TVM4K1         | 39-1/2              | 34 | 42 | 330                    | 74           | 34.8 | 35/60        | 7/8       | 3/8     |

\* See premium warranty registration process for Lifetime Compressor Warranty to convey.

\* Warranty must be registered online @ [www.upgnet.com](http://www.upgnet.com) or [www.york.com](http://www.york.com) within 90 days for 10-year all parts warranty.



# York Heat Pumps



## YHJR4

### Competitor Heat Pump

\* **WARRANTY:** 10 years parts, 10 years compressor

**SEER:** up to 14.0

**COMPRESSOR** 1-Stage



| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Metering Device | Uncrated Dimensions |        |        | Shipping Weight (lbs.) | Sound Rating | MCA  | Min/Max Fuse | Line Size |         |
|--------------|--------------|--------------------------|-----------------|---------------------|--------|--------|------------------------|--------------|------|--------------|-----------|---------|
|              |              |                          |                 | H                   | W      | D      |                        |              |      |              | OD Gas    | OD Liq. |
| YHJR18S41S3  | 208-230/1/60 | 18,000                   | .049/4F1        | 28                  | 23-1/2 | 23-1/2 | 145                    | 75.9         | 11.2 | 15/15        | 3/4       | 3/8     |
| YHJR24S41S4  | 208-230/1/60 | 24,000                   | .055/4G1        | 28                  | 23-1/2 | 23-1/2 | 145                    | 75.2         | 12.4 | 15/20        | 3/4       | 3/8     |
| YHJR30S41S4  | 208-230/1/60 | 30,000                   | .060/4G1        | 28                  | 29     | 29     | 176                    | 80.4         | 14.9 | 15/25        | 3/4       | 3/8     |
| YHJR36S41S4  | 208-230/1/60 | 36,000                   | .067/4H1        | 28                  | 34     | 34     | 193                    | 78.2         | 19.9 | 20/30        | 3/4       | 3/8     |
| YHJR42S41S4  | 208-230/1/60 | 42,000                   | .075/4J1        | 28                  | 34     | 34     | 198                    | 75.2         | 21.1 | 25/35        | 7/8       | 3/8     |
| YHJR48S41S4  | 208-230/1/60 | 48,000                   | .078,.081/4K1   | 40                  | 34     | 34     | 248                    | 78.1         | 23.0 | 25/40        | 7/8       | 3/8     |
| YHJR60S41S4  | 208-230/1/60 | 60,000                   | 1TVM4K1         | 40                  | 34     | 34     | 290                    | 78.9         | 37.4 | 40/60        | 7/8       | 3/8     |

\* Warranty must be registered online @ [www.upgnet.com](http://www.upgnet.com) or [www.york.com](http://www.york.com) within 90 days for 10-year all parts warranty.

\* Requires high-efficiency (X-13 or variable speed) blower motor on indoor matched equipment.



## YHJD4

### Latitude Heat Pump

\* **WARRANTY:** 10 years parts, 10 years compressor

**SEER:** up to 14.0

**COMPRESSOR** 1-Stage



| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Metering Device | Uncrated Dimensions |    |    | Shipping Weight (lbs.) | Sound Rating | MCA  | Min/Max Fuse | Line Size |         |
|--------------|--------------|--------------------------|-----------------|---------------------|----|----|------------------------|--------------|------|--------------|-----------|---------|
|              |              |                          |                 | H                   | W  | D  |                        |              |      |              | OD Gas    | OD Liq. |
| YHJD18S41S2  | 208-230/1/60 | 18,000                   | .051/4F1        | 28                  | 34 | 34 | 172                    | 70.9         | 11.9 | 15/20        | 3/4       | 3/8     |
| YHJD24S41S4  | 208-230/1/60 | 24,000                   | .059/4G1        | 32                  | 34 | 34 | 194                    | 75.1         | 11.2 | 15/15        | 3/4       | 3/8     |
| YHJD30S41S4  | 208-230/1/60 | 30,000                   | .063/4G1        | 36                  | 34 | 34 | 206                    | 76.2         | 14.1 | 15/20        | 3/4       | 3/8     |
| YHJD36S41S4  | 208-230/1/60 | 36,000                   | .071/4H1        | 40                  | 34 | 34 | 218                    | 76.4         | 19.7 | 20/30        | 3/4       | 3/8     |
| YHJD42S41S4  | 208-230/1/60 | 42,000                   | 1TVM4H1         | 40                  | 34 | 34 | 218                    | 76.9         | 28.6 | 30/50        | 7/8       | 3/8     |
| YHJD48S41S4  | 208-230/1/60 | 48,000                   | 1TVM4J1         | 40                  | 34 | 34 | 285                    | 74.9         | 30.9 | 35/50        | 7/8       | 3/8     |
| YHJD60S41S4  | 208-230/1/60 | 60,000                   | 1TVM4K1         | 40                  | 34 | 34 | 284                    | 75.1         | 37.4 | 40/60        | 7/8       | 3/8     |

\* Warranty must be registered online @ [www.upgnet.com](http://www.upgnet.com) or [www.york.com](http://www.york.com) within 90 days for 10-year all parts warranty.

\*\* Includes Fan Guard



# York Heat Pumps



## YHJF4

### \* "LX" Series Heat Pump

**WARRANTY:** 10 years parts, 10 years compressor

**SEER:** up to 15.0 PLUS

**COMPRESSOR** 1-Stage

**LXseries**



| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Metering Device | Uncrated Dimensions |    |    | Shipping Weight (lbs.) | Sound Rating | MCA  | Min/Max Fuse | Line Size |         |
|--------------|--------------|--------------------------|-----------------|---------------------|----|----|------------------------|--------------|------|--------------|-----------|---------|
|              |              |                          |                 | H                   | W  | D  |                        |              |      |              | OD Gas    | OD Liq. |
| YHJF18S41S1  | 208-230/1/60 | 18,000                   | .051/4F1        | 28                  | 34 | 34 | 145                    | 70.0         | 11.9 | 15/20        | 3/4       | 3/8     |
| YHJF24S41S1  | 208-230/1/60 | 24,000                   | .059/4G1        | 40                  | 29 | 29 | 145                    | 71.6         | 17.6 | 20/30        | 3/4       | 3/8     |
| YHJF30S41S1  | 208-230/1/60 | 30,000                   | .063/4G1        | 40                  | 34 | 34 | 176                    | 72.0         | 17.3 | 20/30        | 3/4       | 3/8     |
| YHJF36S41S1  | 208-230/1/60 | 36,000                   | .071/4H1        | 40                  | 34 | 34 | 193                    | 71.7         | 23.7 | 25/40        | 3/4       | 3/8     |
| YHJF42S41S2  | 208-230/1/60 | 42,000                   | .075/4J1        | 40                  | 34 | 34 | 198                    | 73.6         | 26.1 | 30/45        | 7/8       | 3/8     |
| YHJF48S41S1  | 208-230/1/60 | 48,000                   | 1TVM4J1         | 40                  | 34 | 34 | 248                    | 77.6         | 28.8 | 30/50        | 7/8       | 3/8     |
| YHJF60S41S1  | 208-230/1/60 | 60,000                   | 1TVM4K1         | 40                  | 34 | 34 | 290                    | 75.0         | 35.3 | 40/60        | 7/8       | 3/8     |

\* Warranty must be registered online @ [www.upgnet.com](http://www.upgnet.com) or [www.york.com](http://www.york.com) within 90 days for 10-year all parts warranty.

\*\* Includes Fan Guard



## YZF (Communicating)

### Affinity "5S" Heat Pump

\* **WARRANTY:** 10 years parts, Lifetime compressor

**SEER:** up to 16.0

**COMPRESSOR** 1-Stage

**affinity™**  
**SERIES**



| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Metering Device | Uncrated Dimensions |    |    | Shipping Weight (lbs.) | Sound Rating | MCA  | Min/Max Fuse | Line Size |         |
|--------------|--------------|--------------------------|-----------------|---------------------|----|----|------------------------|--------------|------|--------------|-----------|---------|
|              |              |                          |                 | H                   | W  | D  |                        |              |      |              | OD Gas    | OD Liq. |
| YZF02413C    | 208-230/1/60 | 24,000                   | 1TVM4N1         | 39-1/2              | 31 | 42 | 199                    | 71.5         | 17.5 | 20/30        | 3/4       | 3/8     |
| YZF03013C    | 208-230/1/60 | 30,000                   | 1TVM4H1         | 39-1/2              | 34 | 42 | 228                    | 71.2         | 17.3 | 20/30        | 3/4       | 3/8     |
| YZF03613C    | 208-230/1/60 | 36,000                   | 1TVM4H1         | 39-1/2              | 34 | 42 | 230                    | 71.5         | 22.6 | 25/35        | 3/4       | 3/8     |
| YZF04213C    | 208-230/1/60 | 42,000                   | 1TVM4J1         | 39-1/2              | 34 | 42 | 234                    | 71.4         | 26.1 | 35/45        | 7/8       | 3/8     |
| YZF04813C    | 208-230/1/60 | 48,000                   | 1TVM4J1         | 39-1/2              | 34 | 42 | 283                    | 71.5         | 26.9 | 30/45        | 7/8       | 3/8     |
| YZF06013C    | 208-230/1/60 | 60,000                   | 1TVM4K1         | 39-1/2              | 34 | 42 | 298                    | 71.8         | 33.8 | 35/50        | **7/8     | 3/8     |

\* See premium warranty registration process for Lifetime Compressor Warranty to convey.

\* Warranty must be registered online @ [www.upgnet.com](http://www.upgnet.com) or [www.york.com](http://www.york.com) within 90 days for 10-year all parts warranty.

\*\* Expander fitting required for 1-1/8" line set



# York Heat Pumps



## YZH (Communicating)

### \* Affinity "8T" Heat Pump

**WARRANTY:** 10 years parts, Lifetime compressor

**SEER:** up to 18.0

**COMPRESSOR** 2-Stage



| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Metering Device | Uncrated Dimensions |    |    | Shipping Weight (lbs.) | Sound Rating | MCA  | Min/Max Fuse | Line Size |         |
|--------------|--------------|--------------------------|-----------------|---------------------|----|----|------------------------|--------------|------|--------------|-----------|---------|
|              |              |                          |                 | H                   | W  | D  |                        |              |      |              | OD Gas    | OD Liq. |
| YZH02411C    | 208-230/1/60 | 24,000                   | 1TVM4G1         | 39-1/2              | 34 | 42 | 275                    | 72           | 18.2 | 20/30        | 3/4       | 3/8     |
| YZH03611C    | 208-230/1/60 | 36,000                   | 1TVM4G1         | 39-1/2              | 34 | 42 | 275                    | 73           | 23.6 | 25/40        | 3/4       | 3/8     |
| YZH04811C    | 208-230/1/60 | 48,000                   | 1TVM4H1         | 39-1/2              | 34 | 42 | 280                    | 73           | 29.2 | 30/50        | 7/8       | 3/8     |
| YZH06011C    | 208-230/1/60 | 60,000                   | 1TVM4K1         | 39-1/2              | 34 | 42 | 315                    | 74           | 34.8 | 35/60        | 7/8       | 3/8     |

\* See premium warranty registration process for Lifetime Compressor Warranty to convey.

\* Warranty must be registered online @ [www.upgnet.com](http://www.upgnet.com) or [www.york.com](http://www.york.com) within 90 days for 10-year all parts warranty.



# York Single-Piece Air Handlers



## AVG (Communicating)

### Affinity Single Piece Variable Speed Air Handler

**WARRANTY:** 10 years parts (registration required)

**MOTOR:** Variable Speed



| Model<br>Number | Nom. Cap.<br>Cooling<br>(BTUH) | Metering<br>Device | Fan<br>Speed | CFM<br>RANGE | Uncrated<br>Dimensions |        |        | Shipping<br>Weight<br>(lbs.) | Supply Opening |       |   | Bottom<br>Opening |    |       | Return<br>Opening | Filter<br>Sizes | Line Size |            |     |
|-----------------|--------------------------------|--------------------|--------------|--------------|------------------------|--------|--------|------------------------------|----------------|-------|---|-------------------|----|-------|-------------------|-----------------|-----------|------------|-----|
|                 |                                |                    |              |              | H                      | W      | *D     |                              | W              | x     | D | W                 | x  | D     |                   |                 | OD<br>Gas | OD<br>Liq. |     |
|                 |                                |                    |              |              |                        |        |        |                              |                |       |   |                   |    |       |                   |                 |           |            |     |
| AVG24B3XH21C    | 24,000                         | FI                 | VARIABLE     | 464-1088     | 46                     | 17 1/2 | 21 1/2 | 134                          | 14             | 19/32 | x | 10 3/8            | 13 | 29/32 | x                 | 18 9/32         | 16x20     | 3/4        | 3/8 |
| AVG36C3XH21C    | 36,000                         | FI                 | VARIABLE     | 461-1387     | 52                     | 21     | 21 1/2 | 164                          | 18             | 3/32  | x | 10 3/8            | 17 | 13/32 | x                 | 18 9/32         | 20x20     | 7/8        | 3/8 |
| AVG48D3XH21C    | 48,000                         | FI                 | VARIABLE     | 715-2138     | 57                     | 24 1/2 | 21 1/2 | 185                          | 21             | 19/32 | x | 10 3/8            | 20 | 29/32 | x                 | 18 9/32         | 22x20     | 7/8        | 3/8 |
| AVG60D3XH21C    | 60,000                         | FI                 | VARIABLE     | 841-2364     | 57                     | 24 1/2 | 21 1/2 | 188                          | 21             | 19/32 | x | 10 3/8            | 20 | 29/32 | x                 | 18 9/32         | 22x20     | 7/8        | 3/8 |

NOTE: This model can be installed in an upflow-downflow-horizontal L/R application.

Uses 4HK model electric heaters only.

FI = Field Installed



## AHE

### LX Series Single Piece Air Handler

**WARRANTY:** 10 years parts (registration required)

**MOTOR:** High Efficiency Brushless DC Motors (X-13)



| Model<br>Number | Nom. Cap.         | Metering<br>Device | Fan<br>Speed | CFM<br>RANGE | Uncrated<br>Dimensions |        |        | Shipping<br>Weight<br>(lbs.) | Supply Opening |     |   | Bottom<br>Opening |    |       | Return<br>Opening | Filter<br>Sizes | Line Size |            |     |     |
|-----------------|-------------------|--------------------|--------------|--------------|------------------------|--------|--------|------------------------------|----------------|-----|---|-------------------|----|-------|-------------------|-----------------|-----------|------------|-----|-----|
|                 | Cooling<br>(BTUH) |                    |              |              | H                      | W      | *D     |                              | W              | x   | D | W                 | x  | D     |                   |                 | OD<br>Gas | OD<br>Liq. |     |     |
|                 |                   |                    |              |              |                        |        |        |                              |                |     |   |                   |    |       |                   |                 |           |            |     |     |
| AHE18B3XH21     | 18,000            | FI                 | L-ML-M-MH    | 610 - 850    | 46                     | 17 1/2 | 21 1/2 | 103                          | 16             | 1/2 | x | 13                | 13 | 29/32 | x                 | 18              | 9/32      | 16x20      | 3/4 | 3/8 |
| AHE22B3XH21     | 24,000            | FI                 | L-ML-M-MH    | 585 - 985    | 46                     | 17 1/2 | 21 1/2 | 105                          | 16             | 1/2 | x | 13                | 13 | 29/32 | x                 | 18              | 9/32      | 16x20      | 3/4 | 3/8 |
| AHE24B3XH21     | 24,000            | FI                 | L-ML-M-MH    | 585 - 985    | 46                     | 17 1/2 | 21 1/2 | 105                          | 16             | 1/2 | x | 13                | 13 | 29/32 | x                 | 18              | 9/32      | 16x20      | 3/4 | 3/8 |
| AHE30B3XH21     | 30,000            | FI                 | L-ML-M-MH-H  | 585 - 985    | 46                     | 17 1/2 | 21 1/2 | 105                          | 16             | 1/2 | x | 13                | 13 | 29/32 | x                 | 18              | 9/32      | 16x20      | 3/4 | 3/8 |
| AHE34C3XH21     | 36,000            | FI                 | L-ML-M-MH-H  | 730-1190     | 52                     | 21     | 21 1/2 | 137                          | 20             |     | x | 13                | 17 | 13/32 | x                 | 18              | 9/32      | 20x20      | 3/4 | 3/8 |
| AHE36C3XH21     | 36,000            | FI                 | L-ML-M-MH-H  | 730-1190     | 52                     | 21     | 21 1/2 | 137                          | 20             |     | x | 13                | 17 | 13/32 | x                 | 18              | 9/32      | 20x20      | 3/4 | 3/8 |
| AHE42D3XH21     | 42,000            | FI                 | L-ML-M-MH-H  | 820-1385     | 57                     | 24 1/2 | 21 1/2 | 150                          | 23             | 1/2 | x | 13                | 20 | 29/32 | x                 | 18              | 9/32      | 22x20      | 7/8 | 3/8 |
| AHE48D3XH21     | 48,000            | FI                 | L-ML-M-MH-H  | 1000-1600    | 57                     | 24 1/2 | 21 1/2 | 153                          | 23             | 1/2 | x | 13                | 20 | 29/32 | x                 | 18              | 9/32      | 22x20      | 7/8 | 3/8 |
| AHE60D3XH21     | 60,000            | FI                 | L-ML-M-MH-H  | 1190-1835    | 57                     | 24 1/2 | 21 1/2 | 156                          | 23             | 1/2 | x | 13                | 20 | 29/32 | x                 | 18              | 9/32      | 22x20      | 7/8 | 3/8 |

NOTE: This model can be installed in an upflow-horizontal L/R application. No downflow.

Uses 6HK model electric heaters only.

\* Field Supplied



# York Single-Piece Air Handlers



## AX

### "SPACE SAVER" Air Handlers By ADP

**WARRANTY:** 10 years parts (registration required)

**MOTOR:** High Efficiency Brushless DC Motors (X-13)



| Model Number | Nom. Cap. Cooling (BTUH) | Metering Device | Fan Speed   | CFM RANGE | Uncrated Dimensions |        |    | Shipping Weight (lbs.) | Supply Opening |   |    | Bottom Opening |   |         | Return | Filter Sizes | Line Size |         |
|--------------|--------------------------|-----------------|-------------|-----------|---------------------|--------|----|------------------------|----------------|---|----|----------------|---|---------|--------|--------------|-----------|---------|
|              |                          |                 |             |           | H                   | W      | *D |                        | W              | x | D  | W              | x | D       |        |              | OD Gas    | OD Liq. |
| AX18X        | 18,000                   | 0.049           | L-ML-M-MH-H | 600       | 36                  | 15     | 22 | 80                     | 13             |   | 17 | 12 1/5         |   | 20 7/20 |        | 12X20        | 3/4       | 3/8     |
| AX24X        | 24,000                   | 0.053           | L-ML-M-MH-H | 800       | 36                  | 15     | 22 | 80                     | 13             |   | 17 | 12 1/5         |   | 20 7/20 |        | 12X20        | 3/4       | 3/8     |
| AX30X        | 30,000                   | 0.059           | L-ML-M-MH-H | 1,000     | 41                  | 18 1/2 | 22 | 105                    | 16 1/2         |   | 17 | 16 1/5         |   | 20 7/20 |        | 16x20        | 7/8       | 3/8     |
| AX36X        | 36,000                   | 0.067           | L-ML-M-MH-H | 1,200     | 41                  | 18 1/2 | 22 | 105                    | 16 1/2         |   | 17 | 16 1/5         |   | 20 7/20 |        | 20x20        | 7/8       | 3/8     |
| AX42X        | 42,000                   | 0.073           | L-ML-M-MH-H | 1,400     | 48                  | 21 7/8 | 26 | 155                    | 20             |   | 21 | 20 2/25        |   | 24 3/5  |        | 18X25        | 7/8       | 3/8     |
| AX48X        | 48,000                   | 0.076           | L-ML-M-MH-H | 1,600     | 48                  | 21 7/8 | 26 | 155                    | 20             |   | 21 | 20 2/25        |   | 24 3/5  |        | 18X25        | 7/8       | 3/8     |
| AX60T        | 60,000                   | TXV             | L-ML-M-MH-H | 2,000     | 48                  | 21 7/8 | 26 | 155                    | 20             |   | 21 | 20 2/25        |   | 24 3/5  |        | 18X25        | 7/8       | 3/8     |

NOTE: 1. This model can be installed in an upflow-horizontal L/R application. No downflow.

2. Uses ADP model electric heaters only.

3. Metering devices are factory installed to match YHJR heat pumps. Discard the piston that ships the York condenser paperwork.



## York Modular Air Handlers



### MV (Communicating)

#### Affinity Modular VS Air Handler (Combine w/ Furnace Coil)

**WARRANTY:** 10 years parts (registration required)

**MOTOR:** Variable Speed



| Model Number | Nom. Cap. Cooling (BTUH) | Metering Device | Fan Speed | CFM RANGE | Uncrated Dimensions |        |        | Shipping Weight (lbs.) | Supply Opening |   |        | Bottom Opening |   |        | Return Opening | Filter Sizes | Line Size |         |
|--------------|--------------------------|-----------------|-----------|-----------|---------------------|--------|--------|------------------------|----------------|---|--------|----------------|---|--------|----------------|--------------|-----------|---------|
|              |                          |                 |           |           | H                   | W      | *D     |                        | W              | x | D      | W              | x | D      |                |              | OD Gas    | OD Liq. |
| MV12BN21C    | SEE COIL DATA            |                 | VARIABLE  | 580-1385  | 25                  | 17 1/2 | 21 1/2 | 71                     | 14 19/32       | x | 10 3/8 | 16 1/2         | x | 20 1/4 |                | 16x20        | See Coil  |         |
| MV12DN21C    | SEE COIL DATA            |                 | VARIABLE  | 603-1411  | 25                  | 24 1/2 | 21 1/2 | 82                     | 21 19/32       | x | 10 3/8 | 23 1/2         | x | 20 1/4 |                | 24X20        | See Coil  |         |
| MV16CN21C    | SEE COIL DATA            |                 | VARIABLE  | 1086-2005 | 25                  | 21     | 21 1/2 | 82                     | 18 3/32        | x | 10 3/8 | 20             | x | 20 1/4 |                | 20x20        | See Coil  |         |
| MV20DN21C    | SEE COIL DATA            |                 | VARIABLE  | 1305-2404 | 25                  | 24 1/2 | 21 1/2 | 88                     | 21 19/32       | x | 10 3/8 | 23 1/2         | x | 20 1/4 |                | 24X20        | See Coil  |         |



### MX

#### LX Series Modular X-13 Air Handler (Combine w/ Furnace Coil)

**WARRANTY:** 10 years parts (registration required)

**MOTOR:** High Efficiency Brushless DC Motors (X-13)



| Model Number | Nom. Cap. Cooling (BTUH) | Metering Device | Fan Speed   | CFM RANGE | Uncrated Dimensions |        |        | Shipping Weight (lbs.) | Supply Opening |   |        | Bottom Opening |   |        | Return Opening | Filter Sizes | Line Size |         |
|--------------|--------------------------|-----------------|-------------|-----------|---------------------|--------|--------|------------------------|----------------|---|--------|----------------|---|--------|----------------|--------------|-----------|---------|
|              |                          |                 |             |           | H                   | W      | *D     |                        | W              | x | D      | W              | x | D      |                |              | OD Gas    | OD Liq. |
| MX12BN21     | SEE COIL DATA            |                 | L-ML-M-MH-H | 1025-1220 | 25                  | 17 1/2 | 21 1/2 | 66                     | 14 19/32       | x | 10 3/8 | 16 1/2         | x | 20 1/2 |                | 16x20        | See Below |         |
| MX12DN21     | SEE COIL DATA            |                 | L-ML-M-MH-H | 1125-1450 | 25                  | 24 1/2 | 21 1/2 | 77                     | 21 19/32       | x | 10 3/8 | 23 1/2         | x | 20 1/2 |                | 24X20        | See Below |         |
| MX16CN21     | SEE COIL DATA            |                 | L-ML-M-MH-H | 1365-1650 | 25                  | 21     | 21 1/2 | 77                     | 18 3/32        | x | 10 3/8 | 20             | x | 20 1/2 |                | 20x20        | See Below |         |
| MX20DN21     | SEE COIL DATA            |                 | L-ML-M-MH-H | 1525-1795 | 25                  | 24 1/2 | 21 1/2 | 83                     | 21 19/32       | x | 10 3/8 | 23 1/2         | x | 20 1/2 |                | 24X20        | See Below |         |



### MA

#### Latitude Modular Air Handler (Combine w/ Furnace Coil)

**WARRANTY:** 10 years parts (registration required)

**MOTOR:** Standard 3-speed PSC



| Model Number | Nom. Cap. Cooling (BTUH) | Metering Device | Fan Speed | CFM RANGE | Uncrated Dimensions |        |        | Shipping Weight (lbs.) | Supply Opening |   |        | Bottom Opening |   |        | Return Opening | Filter Sizes | Line Size |         |
|--------------|--------------------------|-----------------|-----------|-----------|---------------------|--------|--------|------------------------|----------------|---|--------|----------------|---|--------|----------------|--------------|-----------|---------|
|              |                          |                 |           |           | H                   | W      | *D     |                        | W              | x | D      | W              | x | D      |                |              | OD Gas    | OD Liq. |
| MA08BN21     | SEE BELOW                |                 | L-M-H     | 650-850   | 25                  | 17 1/2 | 21 1/2 | 71                     | 14 19/32       | x | 10 3/8 | 16 1/2         | x | 20 1/2 |                | 16x20        | See Below |         |
| MA12BN21     | SEE BELOW                |                 | L-M-H     | 1025-1250 | 25                  | 17 1/2 | 21 1/2 | 78                     | 14 19/32       | x | 10 3/8 | 16 1/2         | x | 20 1/2 |                | 16x20        | See Below |         |
| MA12DN21     | SEE BELOW                |                 | L-M-H     | 1125-1450 | 25                  | 24 1/2 | 21 1/2 | 88                     | 21 19/32       | x | 10 3/8 | 23 1/2         | x | 20 1/2 |                | 24x20        | See Below |         |
| MA16CN21     | SEE BELOW                |                 | L-M-H     | 1200-1650 | 25                  | 21     | 21 1/2 | 84                     | 18 3/32        | x | 10 3/8 | 20             | x | 20 1/2 |                | 20x20        | See Below |         |
| MA20DN21     | SEE BELOW                |                 | L-M-H     | 1650-2000 | 25                  | 24 1/2 | 21 1/2 | 91                     | 21 19/32       | x | 10 3/8 | 23 1/2         | x | 20 1/2 |                | 24x20        | See Below |         |

NOTE: These models can be installed in an upflow-downflow-horizontal L/R application. Please check compatibility with evaporator coil data.

Uses 4HK model electric heaters only.

Filter sizes shown are for optional filter rack accessory. 1FR0817, 1FR0821, 1FR0824 (matches cabinet width). Otherwise, see coil data for cabinet filter dimensions.



## Electric Heater Data - AV(G,Y) Air Handler



| Heater Kits for Models "AVG" Variable Speed (One Piece AHU's) - 208/230-1 Ph. |                     |             |        |             |        |                                           |             |                    |                          |               |           |
|-------------------------------------------------------------------------------|---------------------|-------------|--------|-------------|--------|-------------------------------------------|-------------|--------------------|--------------------------|---------------|-----------|
| AHU Model Number                                                              | Heater Model Number | Capacity    |        |             |        | Minimum Heat Speed Tap for Elec. Heat Kit | Cont. Stage | Heater Amp Max OCP | Contains Circuit Breaker | Wire Size AWG |           |
|                                                                               |                     | @ 208 Volts |        | @ 230 Volts |        |                                           |             |                    |                          | 208 Volts     | 230 Volts |
|                                                                               |                     | kW          | BTUH   | kW          | BTUH   |                                           |             | 208/230 V          |                          |               |           |
| AVG24                                                                         | 4HK06500206         | 1.9 kW      | 6.4    | 2.5 kW      | 8.5    | HEAT-D                                    | 1           | 20/20              | None                     | 12            | 12        |
|                                                                               | 4HK16500206         | 1.9 kW      | 6.4    | 2.5 kW      | 8.5    | HEAT-D                                    | 1           | 20/20              | Breaker                  | 12            | 12        |
|                                                                               | 4HK06500506         | 3.6 kW      | 12.3   | 4.8 kW      | 16.4   | HEAT-D                                    | 1           | 30/30              | None                     | 10            | 10        |
|                                                                               | 4HK16500506         | 3.6 kW      | 12.3   | 4.8 kW      | 16.4   | HEAT-D                                    | 1           | 30/30              | Breaker                  | 10            | 10        |
|                                                                               | 4HK06500806         | 5.6 kW      | 19.2   | 7.5 kW      | 25.6   | HEAT-C                                    | 2           | 45/45              | None                     | 8             | 8         |
|                                                                               | 4HK16500806         | 5.6 kW      | 19.2   | 7.5 kW      | 25.6   | HEAT-C                                    | 2           | 45/45              | Breaker                  | 8             | 8         |
|                                                                               | 4HK06501006         | 7.2 kW      | 24.6   | 9.6 kW      | 32.8   | HEAT-B                                    | 2           | 50/60              | None                     | 8             | 6         |
|                                                                               | 4HK16501006         | 7.2 kW      | 24.6   | 9.6 kW      | 32.8   | HEAT-B                                    | 2           | 50/60              | Breaker                  | 8             | 6         |
|                                                                               | 4HK165N1506         | 10.8 kW     | 36.9   | 14.4 kW     | 49.1   | HEAT-A                                    | 2           | 70/90              | Breaker                  | 4             | 3         |
| AVG36                                                                         | 4HK06500506         | 3.6 kW      | 12.3   | 4.8 kW      | 16.4   | HEAT-C                                    | 1           | 30/35              | None                     | 10            | 10        |
|                                                                               | 4HK16500506         | 3.6 kW      | 12.3   | 4.8 kW      | 16.4   | HEAT-C                                    | 1           | 30/35              | Breaker                  | 10            | 10        |
|                                                                               | 4HK06500806         | 5.6 kW      | 19.2   | 7.5 kW      | 25.6   | HEAT-C                                    | 2           | 45/45              | None                     | 8             | 8         |
|                                                                               | 4HK16500806         | 5.6 kW      | 19.2   | 7.5 kW      | 25.6   | HEAT-C                                    | 2           | 45/45              | Breaker                  | 8             | 8         |
|                                                                               | 4HK06501006         | 7.2 kW      | 24.6   | 9.6 kW      | 32.8   | HEAT-C                                    | 2           | 50/60              | None                     | 8             | 6         |
|                                                                               | 4HK16501006         | 7.2 kW      | 24.6   | 9.6 kW      | 32.8   | HEAT-C                                    | 2           | 50/60              | Breaker                  | 8             | 6         |
|                                                                               | 4HK16501506         | 10.8 kW     | 36.9   | 14.4 kW     | 49.1   | HEAT-C                                    | 2           | 70/90              | Breaker                  | 4             | 3         |
|                                                                               | 4HK16501806         | 13.2 kW     | 45.1   | 17.6 kW     | 60.1   | HEAT-A                                    | 2           | 90/100             | Breaker                  | 4             | 3         |
|                                                                               | AVG48               | 4HK06500506 | 3.6 kW | 12.3        | 4.8 kW | 16.4                                      | HEAT-D      | 1                  | 35/35                    | None          | 8         |
| 4HK16500506                                                                   |                     | 3.6 kW      | 12.3   | 4.8 kW      | 16.4   | HEAT-C                                    | 1           | 35/35              | Breaker                  | 8             | 8         |
| 4HK06500806                                                                   |                     | 5.6 kW      | 19.2   | 7.5 kW      | 25.6   | HEAT-C                                    | 2           | 45/50              | None                     | 8             | 8         |
| 4HK16500806                                                                   |                     | 5.6 kW      | 19.2   | 7.5 kW      | 25.6   | HEAT-C                                    | 2           | 45/50              | Breaker                  | 8             | 8         |
| 4HK06501006                                                                   |                     | 7.2 kW      | 24.6   | 9.6 kW      | 32.8   | HEAT-C                                    | 2           | 60/60              | None                     | 6             | 6         |
| 4HK16501006                                                                   |                     | 7.2 kW      | 24.6   | 9.6 kW      | 32.8   | HEAT-C                                    | 2           | 60/60              | Breaker                  | 6             | 6         |
| 4HK16501506                                                                   |                     | 10.8 kW     | 36.9   | 14.4 kW     | 49.1   | HEAT-C                                    | 2           | 90/90              | Breaker                  | 3             | 3         |
| 4HK16501806                                                                   |                     | 13.2 kW     | 45.1   | 17.6 kW     | 60.1   | HEAT-B                                    | 2           | 90/100             | Breaker                  | 3             | 2         |
| 4HK16502006                                                                   |                     | 14.4 kW     | 49.2   | 19.2 kW     | 65.5   | HEAT-B                                    | 2           | 100/125            | Breaker                  | 3             | 1         |
| 4HK16502506                                                                   |                     | 18.0 kW     | 61.5   | 24.0 kW     | 81.9   | HEAT-B                                    | 2           | 125/150            | Breaker                  | 1             | 1/0       |



## Electric Heater Data - AV(G,Y) Air Handler



| Heater Kits for Models "AVG" Variable Speed (One Piece AHU's) - 208/230-1 Ph. |                     |             |      |             |      |                                           |             |                    |                          |           |     |
|-------------------------------------------------------------------------------|---------------------|-------------|------|-------------|------|-------------------------------------------|-------------|--------------------|--------------------------|-----------|-----|
| AHU Model Number                                                              | Heater Model Number | Capacity    |      |             |      | Minimum Heat Speed Tap for Elec. Heat Kit | Cont. Stage | Heater Amp Max OCP | Contains Circuit Breaker | Wire Size |     |
|                                                                               |                     | @ 208 Volts |      | @ 230 Volts |      |                                           |             |                    |                          | AWG       |     |
|                                                                               |                     | kW          | BTUH | kW          | BTUH |                                           |             | 208 Volts          |                          | 230 Volts |     |
| AVG60                                                                         | 4HK06500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | HEAT-D                                    | 1           | 35/35              | None                     | 8         | 8   |
|                                                                               | 4HK16500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | HEAT-D                                    | 1           | 35/35              | Breaker                  | 8         | 8   |
|                                                                               | 4HK06500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | HEAT-D                                    | 2           | 45/50              | None                     | 8         | 8   |
|                                                                               | 4HK16500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | HEAT-D                                    | 2           | 45/50              | Breaker                  | 8         | 8   |
|                                                                               | 4HK06501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | HEAT-C                                    | 2           | 60/60              | None                     | 6         | 6   |
|                                                                               | 4HK16501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | HEAT-C                                    | 2           | 60/60              | Breaker                  | 6         | 6   |
|                                                                               | 4HK16501506         | 10.8 kW     | 36.9 | 14.4 kW     | 49.1 | HEAT-C                                    | 2           | 90/90              | Breaker                  | 3         | 3   |
|                                                                               | 4HK16501806         | 13.2 kW     | 45.1 | 17.6 kW     | 60.1 | HEAT-C                                    | 2           | 90/110             | Breaker                  | 3         | 2   |
|                                                                               | 4HK16502006         | 14.4 kW     | 49.2 | 19.2 kW     | 65.5 | HEAT-C                                    | 2           | 100/125            | Breaker                  | 3         | 1   |
|                                                                               | 4HK16502506         | 18.0 kW     | 61.5 | 24.0 kW     | 81.9 | HEAT-C                                    | 2           | 125/150            | Breaker                  | 1         | 1/0 |

1 York heater kits are single point connection. MOCP includes power input from the blower motor.

\* OCP = Over Current Protection device, must be HACR type Circuit Breaker or Time Delay fuse.



## Electric Heater Data - AHE Air Handler



Heater Kits for Models "AHE" / "AHR" Mult-Speed (One Piece AHU's) - 208/230-1 Ph. SINGLE SOURCE Power Supply Shown (See Note 1 Below).

| AHU Model Number | Heater Model Number | Capacity    |      |             |      | Minimum Heat Speed<br>Tap for Elec. Heat Kit | Cont. Stage | 1 Heater Amps<br>Max OCP<br>208/230 V | Contains Circuit<br>Breaker | Wire Size |    |
|------------------|---------------------|-------------|------|-------------|------|----------------------------------------------|-------------|---------------------------------------|-----------------------------|-----------|----|
|                  |                     | @ 208 Volts |      | @ 230 Volts |      |                                              |             |                                       |                             | AWG       |    |
|                  |                     | kW          | BTUH | kW          | BTUH |                                              |             | 208 Volts                             |                             | 230 Volts |    |
| AHE18            | 6HK06500206         | 1.8 kW      | 6.1  | 2.2 kW      | 7.5  | MED LOW #2                                   | 1           | 15/20                                 | None                        | 12        | 12 |
|                  | 6HK16500206         | 1.8 kW      | 6.1  | 2.2 kW      | 7.5  | MED LOW #2                                   | 1           | 15/20                                 | Breaker                     | 12        | 12 |
|                  | 6HK06500506         | 3.6 kW      | 12.3 | 4.4 kW      | 15.0 | MED LOW #2                                   | 1           | 25/30                                 | None                        | 10        | 10 |
|                  | 6HK16500506         | 3.6 kW      | 12.3 | 4.4 kW      | 15.0 | MED LOW #2                                   | 1           | 25/30                                 | Breaker                     | 10        | 10 |
|                  | 6HK06500806         | 5.8 kW      | 19.7 | 7.0 kW      | 24.0 | MED HIGH #4                                  | 2           | 40/45                                 | None                        | 8         | 6  |
|                  | 6HK16500806         | 5.8 kW      | 19.7 | 7.0 kW      | 24.0 | MED HIGH #4                                  | 2           | 40/45                                 | Breaker                     | 8         | 6  |
| AHE22 / 24       | 6HK06500206         | 1.8 kW      | 6.1  | 2.2 kW      | 7.5  | LOW #1                                       | 1           | 15/15                                 | None                        | 12        | 12 |
|                  | 6HK16500206         | 1.8 kW      | 6.1  | 2.2 kW      | 7.5  | LOW #1                                       | 1           | 15/15                                 | Breaker                     | 12        | 12 |
|                  | 6HK06500506         | 3.6 kW      | 12.3 | 4.4 kW      | 15.0 | MED LOW #2                                   | 1           | 25/30                                 | None                        | 10        | 10 |
|                  | 6HK16500506         | 3.6 kW      | 12.3 | 4.4 kW      | 15.0 | MED LOW #2                                   | 1           | 25/30                                 | Breaker                     | 10        | 10 |
|                  | 6HK06500806         | 5.8 kW      | 19.7 | 7.0 kW      | 24.0 | MED #3                                       | 2           | 40/45                                 | None                        | 8         | 8  |
|                  | 6HK16500806         | 5.8 kW      | 19.7 | 7.0 kW      | 24.0 | MED #3                                       | 2           | 40/45                                 | Breaker                     | 8         | 8  |
|                  | 6HK06501006         | 7.2 kW      | 24.6 | 8.8 kW      | 29.9 | MED HIGH #4                                  | 2           | 45/60                                 | None                        | 8         | 6  |
|                  | 6HK16501006         | 7.2 kW      | 24.6 | 8.8 kW      | 29.9 | MED HIGH #4                                  | 2           | 45/60                                 | Breaker                     | 8         | 6  |
| AHE30            | 6HK06500506         | 3.6 kW      | 12.3 | 4.4 kW      | 15.0 | MED LOW #2                                   | 1           | 25/30                                 | None                        | 10        | 10 |
|                  | 6HK16500506         | 3.6 kW      | 12.3 | 4.4 kW      | 15.0 | MED LOW #2                                   | 1           | 25/30                                 | Breaker                     | 10        | 10 |
|                  | 6HK06500806         | 5.8 kW      | 19.7 | 7.0 kW      | 24.0 | MED #3                                       | 2           | 40/45                                 | None                        | 8         | 8  |
|                  | 6HK16500806         | 5.8 kW      | 19.7 | 7.0 kW      | 24.0 | MED #3                                       | 2           | 40/45                                 | Breaker                     | 8         | 8  |
|                  | 6HK06501006         | 7.2 kW      | 24.6 | 8.8 kW      | 29.9 | MED HIGH #4                                  | 2           | 45/60                                 | None                        | 6         | 6  |
|                  | 6HK16501006         | 7.2 kW      | 24.6 | 8.8 kW      | 29.9 | MED HIGH #4                                  | 2           | 45/60                                 | Breaker                     | 6         | 6  |
|                  | 6HK16501506         | 10.8 kW     | 36.9 | 13.2 kW     | 44.9 | HIGH #5                                      | 2           | 70/90                                 | Breaker                     | 4         | 4  |
| AHE34 / 36       | 6HK06500506         | 3.6 kW      | 12.3 | 4.4 kW      | 15.0 | MED LOW #2                                   | 1           | 25/30                                 | None                        | 10        | 10 |
|                  | 6HK16500506         | 3.6 kW      | 12.3 | 4.4 kW      | 15.0 | MED LOW #2                                   | 1           | 25/30                                 | Breaker                     | 10        | 10 |
|                  | 6HK06500806         | 5.8 kW      | 19.7 | 7.0 kW      | 24.0 | MED #3                                       | 2           | 40/45                                 | None                        | 8         | 8  |
|                  | 6HK16500806         | 5.8 kW      | 19.7 | 7.0 kW      | 24.0 | MED #3                                       | 2           | 40/45                                 | Breaker                     | 8         | 8  |
|                  | 6HK06501006         | 7.2 kW      | 24.6 | 8.8 kW      | 29.9 | MED HIGH #4                                  | 2           | 45/60                                 | None                        | 8         | 6  |
|                  | 6HK16501006         | 7.2 kW      | 24.6 | 8.8 kW      | 29.9 | MED HIGH #4                                  | 2           | 45/60                                 | Breaker                     | 8         | 6  |
|                  | 6HK16501506         | 10.8 kW     | 36.9 | 13.2 kW     | 44.9 | MED HIGH #4                                  | 2           | 70/90                                 | Breaker                     | 4         | 4  |
| AHE42            | 6HK06500506         | 3.6 kW      | 12.3 | 4.4 kW      | 15.0 | MED #3                                       | 1           | 25/30                                 | None                        | 10        | 10 |
|                  | 6HK16500506         | 3.6 kW      | 12.3 | 4.4 kW      | 15.0 | MED #3                                       | 1           | 25/30                                 | Breaker                     | 10        | 10 |
|                  | 6HK06500806         | 5.8 kW      | 19.7 | 7.0 kW      | 24.0 | MED #3                                       | 2           | 40/45                                 | None                        | 8         | 8  |
|                  | 6HK16500806         | 5.8 kW      | 19.7 | 7.0 kW      | 24.0 | MED #3                                       | 2           | 40/45                                 | Breaker                     | 8         | 8  |
|                  | 6HK06501006         | 7.2 kW      | 24.6 | 8.8 kW      | 29.9 | MED HIGH #4                                  | 2           | 45/60                                 | None                        | 6         | 6  |
|                  | 6HK16501006         | 7.2 kW      | 24.6 | 8.8 kW      | 29.9 | MED HIGH #4                                  | 2           | 45/60                                 | Breaker                     | 6         | 6  |
|                  | 6HK16501506         | 10.8 kW     | 36.9 | 13.2 kW     | 44.9 | HIGH #5                                      | 2           | 70/90                                 | Breaker                     | 4         | 4  |



## Electric Heater Data - AHE Air Handler



Heater Kits for Models "AHE" / "AHR" Mult-Speed (One Piece AHU's) - 208/230-1 Ph. SINGLE SOURCE Power Supply Shown (See Note 1 Below).

| AHU Model Number | Heater Model Number | Capacity    |      |             |      | Minimum Heat Speed Tap for Elec. Heat Kit | Cont. Stage | 1 Heater Amps | Contains Circuit Breaker | Wire Size |           |
|------------------|---------------------|-------------|------|-------------|------|-------------------------------------------|-------------|---------------|--------------------------|-----------|-----------|
|                  |                     | @ 208 Volts |      | @ 230 Volts |      |                                           |             | Max OCP       |                          | AWG       |           |
|                  |                     | kW          | BTUH | kW          | BTUH |                                           |             | 208/230 V     |                          | 208 Volts | 230 Volts |
| AHE48            | 6HK06500506         | 3.6 kW      | 12.3 | 4.4 kW      | 15.0 | LOW #1                                    | 1           | 25/30         | None                     | 10        | 10        |
|                  | 6HK16500506         | 3.6 kW      | 12.3 | 4.4 kW      | 15.0 | LOW #1                                    | 1           | 25/30         | Breaker                  | 10        | 10        |
|                  | 6HK06500806         | 5.8 kW      | 19.7 | 7.0 kW      | 24.0 | MED LOW #2                                | 2           | 40/45         | None                     | 8         | 8         |
|                  | 6HK16500806         | 5.8 kW      | 19.7 | 7.0 kW      | 24.0 | MED LOW #2                                | 2           | 40/45         | Breaker                  | 8         | 8         |
|                  | 6HK06501006         | 7.2 kW      | 24.6 | 8.8 kW      | 29.9 | MED LOW #2                                | 2           | 45/60         | None                     | 6         | 6         |
|                  | 6HK16501006         | 7.2 kW      | 24.6 | 8.8 kW      | 29.9 | MED LOW #2                                | 2           | 45/60         | Breaker                  | 6         | 6         |
|                  | 6HK16501506         | 10.8 kW     | 36.9 | 13.2 kW     | 44.9 | MED #3                                    | 2           | 70/90         | Breaker                  | 4         | 4         |
|                  | 6HK16501806         | 13.0 kW     | 44.2 | 15.8 kW     | 53.9 | MED HIGH #4                               | 2           | 90/100        | Breaker                  | 3         | 3         |
|                  | 6HK16502006         | 14.4 kW     | 49.1 | 17.5 kW     | 59.9 | HIGH #5                                   | 2           | 100/110       | Breaker                  | 3         | 2         |
| AHE60            | 6HK06500506         | 3.6 kW      | 12.3 | 4.4 kW      | 15.0 | LOW #1                                    | 1           | 25/30         | None                     | 10        | 10        |
|                  | 6HK16500506         | 3.6 kW      | 12.3 | 4.4 kW      | 15.0 | LOW #1                                    | 1           | 25/30         | Breaker                  | 10        | 10        |
|                  | 6HK06500806         | 5.8 kW      | 19.7 | 7.0 kW      | 24.0 | LOW #1                                    | 2           | 40/45         | None                     | 8         | 8         |
|                  | 6HK16500806         | 5.8 kW      | 19.7 | 7.0 kW      | 24.0 | LOW #1                                    | 2           | 40/45         | Breaker                  | 8         | 8         |
|                  | 6HK06501006         | 7.2 kW      | 24.6 | 8.8 kW      | 29.9 | MED LOW #2                                | 2           | 45/60         | None                     | 6         | 6         |
|                  | 6HK16501006         | 7.2 kW      | 24.6 | 8.8 kW      | 29.9 | MED LOW #2                                | 2           | 45/60         | Breaker                  | 6         | 6         |
|                  | 6HK16501506         | 10.8 kW     | 36.9 | 13.2 kW     | 44.9 | MED #3                                    | 2           | 70/90         | Breaker                  | 4         | 4         |
|                  | 6HK16501806         | 13.0 kW     | 44.2 | 15.8 kW     | 53.9 | MED HIGH #4                               | 2           | 90/100        | Breaker                  | 3         | 3         |
|                  | 6HK16502006         | 14.4 kW     | 49.1 | 17.5 kW     | 59.9 | MED HIGH #4                               | 2           | 100/110       | Breaker                  | 3         | 2         |
|                  | 6HK16502506         | 18.0 kW     | 61.4 | 21.9 kW     | 74.9 | HIGH #5                                   | 2           | 125/150       | Breaker                  | 1         | 1         |

1 York 6HK heater kits are single point connection only to 10KW. Larger heaters wired as single-point require jumber bar kit S1-02435670000 (to 20KW) & S1-02435671000 (25KW only)

\* MOCP in chart includes power input from the blower motor.

\* OCP = Over Current Protection device, must be HACR type Circuit Breaker or Time Delay fuse.

† Only rated for a max of 0.4 sp



# Electric Heater Data-AX Air Handler by ADP



| Heater Kits for Models "AX" Multi-Speed (One Piece AHU's) - 240-1 Ph. |                     |                     |      |             |                          |                 |    |
|-----------------------------------------------------------------------|---------------------|---------------------|------|-------------|--------------------------|-----------------|----|
| AHU Model Number                                                      | Heater Model Number | Elec. Heat Capacity |      | Blower Amps | Minimum Circuit Ampacity | Circuit Breaker |    |
|                                                                       |                     | @ 240 Volts         |      |             |                          | Amps per Stage  |    |
|                                                                       |                     | kW                  | MBH  | 240 V       | 240 V                    | 1               | 2  |
| AX18X<br>AX24X                                                        | ADP5KW              | 5                   | 17   | 3           | 29.8                     | 30              | -  |
|                                                                       | ADP5KW-B            | 5                   | 17   | 3           | 29.8                     | 30              | -  |
|                                                                       | ADP8KW              | 7.5                 | 25.6 | 3           | 42.8                     | 45              | -  |
|                                                                       | ADP8KW-B            | 7.5                 | 25.6 | 3           | 42.8                     | 45              | -  |
|                                                                       | ADP10KW             | 10                  | 34.1 | 3           | 55.8                     | 60              | -  |
|                                                                       | ADP10KW-B           | 10                  | 34.1 | 3           | 55.8                     | 60              | -  |
| AX30X<br>AX36X<br>AX42X                                               | ADP5KW              | 5                   | 17   | 3           | 29.8                     | 45              | -  |
|                                                                       | ADP5KW-B            | 5                   | 17   | 3           | 29.8                     | 45              | -  |
|                                                                       | ADP8KW              | 7.5                 | 25.6 | 3           | 42.8                     | 45              | -  |
|                                                                       | ADP8KW-B            | 7.5                 | 25.6 | 3           | 42.8                     | 45              | -  |
|                                                                       | ADP10KW             | 10                  | 34.1 | 3           | 55.8                     | 60              | -  |
|                                                                       | ADP10KW-B           | 10                  | 34.1 | 3           | 55.8                     | 60              | -  |
|                                                                       | ADP15KW-B           | 15                  | 51.2 | 3           | 81.9                     | 60              | 30 |
| AX48X                                                                 | ADP5KW              | 5                   | 17   | 3.2         | 30                       | 30              | -  |
|                                                                       | ADP5KW-B            | 5                   | 17   | 3.2         | 30                       | 30              | -  |
|                                                                       | ADP8KW              | 7.5                 | 25.6 | 3.2         | 43.1                     | 45              | -  |
|                                                                       | ADP8KW-B            | 7.5                 | 25.6 | 3.2         | 43.1                     | 45              | -  |
|                                                                       | ADP10KW             | 10                  | 34.1 | 3.2         | 56.1                     | 60              | -  |
|                                                                       | ADP10KW-B           | 10                  | 34.1 | 3.2         | 56.1                     | 60              | -  |
|                                                                       | ADP15KW-B           | 15                  | 51.2 | 3.2         | 82.1                     | 60              | 30 |
|                                                                       | ADP20KW-B           | 20                  | 68.3 | 3.2         | 108.2                    | 60              | 60 |
| AX60T                                                                 | ADP8KW              | 7.5                 | 25.6 | 4.6         | 44.8                     | 45              | -  |
|                                                                       | ADP8KW-B            | 7.5                 | 25.6 | 4.6         | 44.8                     | 45              | -  |
|                                                                       | ADP10KW             | 10                  | 34.1 | 4.6         | 57.8                     | 60              | -  |
|                                                                       | ADP10KW-B           | 10                  | 34.1 | 4.6         | 57.8                     | 60              | -  |
|                                                                       | ADP15KW-B           | 15                  | 51.2 | 4.6         | 83.9                     | 60              | 30 |
|                                                                       | ADP20KW-B           | 20                  | 68.3 | 4.6         | 109.9                    | 60              | 60 |

1. ADP heater kits are for single point connection 10KW and under. 15KW & 20KW are dual-point. A single point conversion kit is available. Part # 110001055

2. For 208 volt, use a 0.751 correction factor for kW & MBH.

3. Heaters with "-B" on the end of the model number include a breaker. Otherwise they are simple terminal block connection points.



# Electric Heater Data - MV Modular AHU



| Heater Kits for Model "MV" Variable Speed AHU (Two Piece AHU) - 208/230-1 Phase. SINGLE SOURCE Power Supply Shown. Field Convertible to Dual Source |                     |             |      |             |      |                                              |             |                          |                             |                  |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------|------|-------------|------|----------------------------------------------|-------------|--------------------------|-----------------------------|------------------|-----------|
| AHU Model Number                                                                                                                                    | Heater Model Number | Capacity    |      |             |      | Minimum Heat Speed<br>Tap for Elec. Heat Kit | Cont. Stage | 1 Heater Amps<br>Max OCP | Contains Circuit<br>Breaker | Wire Size<br>AWG |           |
|                                                                                                                                                     |                     | @ 208 Volts |      | @ 230 Volts |      |                                              |             |                          |                             | 208 Volts        | 230 Volts |
|                                                                                                                                                     |                     | kW          | BTUH | kW          | BTUH |                                              |             | 208/230 V                |                             |                  |           |
| MV12B                                                                                                                                               | 4HK06500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | HEAT - C                                     | 1           | 30/35                    | None                        | 10               | 8         |
|                                                                                                                                                     | 4HK16500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | HEAT - C                                     | 1           | 30/35                    | Breaker                     | 10               | 8         |
|                                                                                                                                                     | 4HK06500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | HEAT - C                                     | 2           | 40/45                    | None                        | 8                | 8         |
|                                                                                                                                                     | 4HK16500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | HEAT - C                                     | 2           | 40/45                    | Breaker                     | 8                | 8         |
|                                                                                                                                                     | 4HK06501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | HEAT - B                                     | 2           | 50/60                    | None                        | 8                | 6         |
|                                                                                                                                                     | 4HK16501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | HEAT - B                                     | 2           | 50/60                    | Breaker                     | 8                | 6         |
|                                                                                                                                                     | 4HK165N1506         | 10.8 kW     | 36.9 | 14.4 kW     | 49.1 | HEAT - B                                     | 2           | 90/90                    | Breaker                     | 4                | 3         |
| MV12D                                                                                                                                               | 4HK06500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | HEAT - C                                     | 1           | 30/35                    | None                        | 10               | 8         |
|                                                                                                                                                     | 4HK16500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | HEAT - C                                     | 1           | 30/35                    | Breaker                     | 10               | 8         |
|                                                                                                                                                     | 4HK06500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | HEAT - C                                     | 2           | 40/45                    | None                        | 8                | 8         |
|                                                                                                                                                     | 4HK16500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | HEAT - C                                     | 2           | 40/45                    | Breaker                     | 8                | 8         |
|                                                                                                                                                     | 4HK06501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | HEAT - B                                     | 2           | 50/60                    | None                        | 8                | 6         |
|                                                                                                                                                     | 4HK16501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | HEAT - B                                     | 2           | 50/60                    | Breaker                     | 8                | 6         |
|                                                                                                                                                     | 4HK16501506         | 10.8 kW     | 36.9 | 14.4 kW     | 49.1 | HEAT - B                                     | 2           | 90/90                    | Breaker                     | 4                | 3         |
|                                                                                                                                                     | 4HK16501806         | 13.2 kW     | 45.1 | 17.6 kW     | 60.1 | HEAT - A                                     | 2           | 90/100                   | Breaker                     | 4                | 3         |
|                                                                                                                                                     | 4HK16502006         | 14.4 kW     | 49.2 | 19.2 kW     | 65.5 | HEAT - A                                     | 2           | 100/125                  | Breaker                     | 3                | 1         |
| MV16C                                                                                                                                               | 4HK06500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | HEAT - D                                     | 1           | 30/35                    | None                        | 10               | 8         |
|                                                                                                                                                     | 4HK16500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | HEAT - D                                     | 1           | 30/35                    | Breaker                     | 10               | 8         |
|                                                                                                                                                     | 4HK06500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | HEAT - D                                     | 2           | 45/50                    | None                        | 8                | 8         |
|                                                                                                                                                     | 4HK16500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | HEAT - D                                     | 2           | 45/50                    | Breaker                     | 8                | 8         |
|                                                                                                                                                     | 4HK06501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | HEAT - C                                     | 2           | 60/60                    | None                        | 6                | 6         |
|                                                                                                                                                     | 4HK16501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | HEAT - C                                     | 2           | 60/60                    | Breaker                     | 6                | 6         |
|                                                                                                                                                     | 4HK16501506         | 10.8 kW     | 36.9 | 14.4 kW     | 49.1 | HEAT - C                                     | 2           | 90/90                    | Breaker                     | 3                | 3         |
|                                                                                                                                                     | 4HK16501806         | 13.2 kW     | 45.1 | 17.6 kW     | 60.1 | HEAT - B                                     | 2           | 90/100                   | Breaker                     | 3                | 2         |
|                                                                                                                                                     | 4HK16502006         | 14.4 kW     | 49.2 | 19.2 kW     | 65.5 | HEAT - B                                     | 2           | 100/125                  | Breaker                     | 3                | 1         |
| MV20D                                                                                                                                               | 4HK06501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | HEAT - C                                     | 2           | 60/60                    | None                        | 6                | 6         |
|                                                                                                                                                     | 4HK16501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | HEAT - C                                     | 2           | 60/60                    | Breaker                     | 6                | 6         |
|                                                                                                                                                     | 4HK16501506         | 10.8 kW     | 36.9 | 14.4 kW     | 49.1 | HEAT - C                                     | 2           | 90/90                    | Breaker                     | 3                | 3         |
|                                                                                                                                                     | 4HK16501806         | 13.2 kW     | 45.1 | 17.6 kW     | 60.1 | HEAT - C                                     | 2           | 90/110                   | Breaker                     | 3                | 2         |
|                                                                                                                                                     | 4HK16502006         | 14.4 kW     | 49.2 | 19.2 kW     | 65.5 | HEAT - C                                     | 2           | 100/125                  | Breaker                     | 3                | 1         |
|                                                                                                                                                     | 4HK16502506         | 18.0 kW     | 61.5 | 24.0 kW     | 81.9 | HEAT - C                                     | 2           | 125/150                  | Breaker                     | 1                | 1/0       |



# Electric Heater Data - MX Modular AHU



| Heater Kits for Model "MX" X-13 AHU (Two Piece AHU) - 208/230-1 Phase. SINGLE SOURCE Power Supply Shown. Field Convertible to Dual Source |                     |             |      |             |      |                                              |             |                                    |                             |                  |           |
|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------|------|-------------|------|----------------------------------------------|-------------|------------------------------------|-----------------------------|------------------|-----------|
| AHU Model Number                                                                                                                          | Heater Model Number | Capacity    |      |             |      | Minimum Heat Speed<br>Tap for Elec. Heat Kit | Cont. Stage | 1 Heater Amps<br>MOCP<br>208/230 V | Contains Circuit<br>Breaker | Wire Size<br>AWG |           |
|                                                                                                                                           |                     | @ 208 Volts |      | @ 230 Volts |      |                                              |             |                                    |                             | 208 Volts        | 230 Volts |
|                                                                                                                                           |                     | kW          | BTUH | kW          | BTUH |                                              |             |                                    |                             |                  |           |
| MX12B                                                                                                                                     | 4HK06500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | MED #3                                       | 1           | 30/30                              | None                        | 10               | 10        |
|                                                                                                                                           | 4HK16500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | MED #3                                       | 1           | 30/30                              | Breaker                     | 10               | 10        |
|                                                                                                                                           | 4HK06500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | MED #3                                       | 2           | 40/45                              | None                        | 8                | 8         |
|                                                                                                                                           | 4HK16500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | MED #3                                       | 2           | 40/45                              | Breaker                     | 8                | 8         |
|                                                                                                                                           | 4HK06501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | MED #3                                       | 2           | 50/60                              | None                        | 8                | 6         |
|                                                                                                                                           | 4HK16501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | MED #3                                       | 2           | 50/60                              | Breaker                     | 8                | 6         |
|                                                                                                                                           | 4HK165N1506         | 10.8 kW     | 36.9 | 14.4 kW     | 49.1 | MED #3                                       | 2           | 80/90                              | Breaker                     | 4                | 3         |
| MX12D                                                                                                                                     | 4HK06500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | MED #3                                       | 1           | 30/30                              | None                        | 10               | 10        |
|                                                                                                                                           | 4HK16500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | MED #3                                       | 1           | 30/30                              | Breaker                     | 10               | 10        |
|                                                                                                                                           | 4HK06500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | MED #3                                       | 2           | 40/45                              | None                        | 8                | 8         |
|                                                                                                                                           | 4HK16500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | MED #3                                       | 2           | 40/45                              | Breaker                     | 8                | 8         |
|                                                                                                                                           | 4HK06501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | MED HIGH #2                                  | 2           | 50/60                              | None                        | 8                | 6         |
|                                                                                                                                           | 4HK16501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | MED HIGH #2                                  | 2           | 50/60                              | Breaker                     | 8                | 6         |
|                                                                                                                                           | 4HK16501506         | 10.8 kW     | 36.9 | 14.4 kW     | 49.1 | MED HIGH #2                                  | 2           | 80/90                              | Breaker                     | 4                | 4         |
|                                                                                                                                           | 4HK16501806         | 13.2 kW     | 45.1 | 17.6 kW     | 60.1 | MED HIGH #2                                  | 2           | 90/100                             | Breaker                     | 3                | 3         |
|                                                                                                                                           | 4HK16502006         | 14.4 kW     | 49.2 | 19.2 kW     | 65.5 | MED HIGH #2                                  | 2           | 100/110                            | Breaker                     | 3                | 2         |
| MX16C                                                                                                                                     | 4HK06500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | LOW #5                                       | 1           | 30/35                              | None                        | 10               | 10        |
|                                                                                                                                           | 4HK16500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | LOW #5                                       | 1           | 30/35                              | Breaker                     | 10               | 10        |
|                                                                                                                                           | 4HK06500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | LOW #5                                       | 2           | 40/50                              | None                        | 8                | 8         |
|                                                                                                                                           | 4HK16500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | LOW #5                                       | 2           | 40/50                              | Breaker                     | 8                | 8         |
|                                                                                                                                           | 4HK06501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | MED LOW #4                                   | 2           | 50/60                              | None                        | 8                | 6         |
|                                                                                                                                           | 4HK16501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | MED LOW #4                                   | 2           | 50/60                              | Breaker                     | 8                | 6         |
|                                                                                                                                           | 4HK16501506         | 10.8 kW     | 36.9 | 14.4 kW     | 49.1 | MED LOW #4                                   | 2           | 80/90                              | Breaker                     | 4                | 4         |
|                                                                                                                                           | 4HK16501806         | 13.2 kW     | 45.1 | 17.6 kW     | 60.1 | MED #3                                       | 2           | 90/100                             | Breaker                     | 3                | 3         |
|                                                                                                                                           | 4HK16502006         | 14.4 kW     | 49.2 | 19.2 kW     | 65.5 | MED #3                                       | 2           | 100/110                            | Breaker                     | 3                | 2         |
| MX20D                                                                                                                                     | 4HK06501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | LOW #5                                       | 2           | 60/60                              | None                        | 8                | 6         |
|                                                                                                                                           | 4HK16501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | LOW #5                                       | 2           | 60/60                              | Breaker                     | 8                | 6         |
|                                                                                                                                           | 4HK16501506         | 10.8 kW     | 36.9 | 14.4 kW     | 49.1 | LOW #5                                       | 2           | 80/90                              | Breaker                     | 4                | 4         |
|                                                                                                                                           | 4HK16501806         | 13.2 kW     | 45.1 | 17.6 kW     | 60.1 | LOW #5                                       | 2           | 90/110                             | Breaker                     | 3                | 3         |
|                                                                                                                                           | 4HK16502006         | 14.4 kW     | 49.2 | 19.2 kW     | 65.5 | LOW #5                                       | 2           | 100/110                            | Breaker                     | 3                | 2         |
|                                                                                                                                           | 4HK16502506         | 18.0 kW     | 61.5 | 24.0 kW     | 81.9 | LOW #5                                       | 2           | 125/150                            | Breaker                     | 1                | 1/0       |



# Electric Heater Data - MA Modular AHU



| Heater Kits for Model "MA" Multi-Speed (Two Piece AHU) - 208/240-1 Phase |                     |             |      |             |      |                                           |             |                              |                          |               |           |
|--------------------------------------------------------------------------|---------------------|-------------|------|-------------|------|-------------------------------------------|-------------|------------------------------|--------------------------|---------------|-----------|
| AHU Model Number                                                         | Heater Model Number | Capacity    |      |             |      | Minimum Heat Speed Tap for Elec. Heat Kit | Cont. Stage | 1 Heater Amps MOCp 208/240 V | Contains Circuit Breaker | Wire Size AWG |           |
|                                                                          |                     | @ 208 Volts |      | @ 240 Volts |      |                                           |             |                              |                          | 208 Volts     | 240 Volts |
|                                                                          |                     | kW          | BTUH | kW          | BTUH |                                           |             |                              |                          |               |           |
| MA08BN21                                                                 | 4HK06500206         | 1.9 kW      | 6.4  | 2.5 kW      | 8.5  | LOW                                       | 1           | 15/15                        | None                     | 14            | 14        |
|                                                                          | 4HK16500206         | 1.9 kW      | 6.4  | 2.5 kW      | 8.5  | LOW                                       | 1           | 15/15                        | Breaker                  | 14            | 14        |
|                                                                          | 4HK06500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | LOW                                       | 1           | 30/30                        | None                     | 10            | 10        |
|                                                                          | 4HK16500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | LOW                                       | 1           | 30/30                        | Breaker                  | 10            | 10        |
|                                                                          | 4HK06500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | MEDIUM                                    | 2           | 40/45                        | None                     | 8             | 8         |
|                                                                          | 4HK16500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | MEDIUM                                    | 2           | 40/45                        | Breaker                  | 8             | 8         |
|                                                                          | 4HK06501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | HIGH                                      | 2           | 50/60                        | None                     | 8             | 6         |
|                                                                          | 4HK16501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | HIGH                                      | 2           | 50/60                        | Breaker                  | 8             | 6         |
| MA12BN21                                                                 | 4HK06500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | LOW                                       | 1           | 30/30                        | None                     | 10            | 10        |
|                                                                          | 4HK16500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | LOW                                       | 1           | 30/30                        | Breaker                  | 10            | 10        |
|                                                                          | 4HK06500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | MEDIUM                                    | 2           | 40/45                        | None                     | 8             | 8         |
|                                                                          | 4HK16500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | MEDIUM                                    | 2           | 40/45                        | Breaker                  | 8             | 8         |
|                                                                          | 4HK06501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | MEDIUM                                    | 2           | 50/60                        | None                     | 8             | 6         |
|                                                                          | 4HK16501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | MEDIUM                                    | 2           | 50/60                        | Breaker                  | 8             | 6         |
|                                                                          | 4HK165N1506         | 10.8 kW     | 36.9 | 14.4 kW     | 49.1 | MEDIUM                                    | 2           | 70/90                        | Breaker                  | 4             | 3         |
| MA12DN21                                                                 | 4HK06500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | LOW                                       | 1           | 30/30                        | None                     | 10            | 10        |
|                                                                          | 4HK16500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | LOW                                       | 1           | 30/30                        | Breaker                  | 10            | 10        |
|                                                                          | 4HK06500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | LOW                                       | 2           | 40/45                        | None                     | 8             | 8         |
|                                                                          | 4HK16500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | LOW                                       | 2           | 40/45                        | None                     | 8             | 8         |
|                                                                          | 4HK06501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | MEDIUM                                    | 2           | 50/60                        | None                     | 8             | 6         |
|                                                                          | 4HK16501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | MEDIUM                                    | 2           | 50/60                        | Breaker                  | 8             | 6         |
|                                                                          | 4HK16501506         | 10.8 kW     | 36.9 | 14.4 kW     | 49.1 | MEDIUM                                    | 2           | 70/90                        | Breaker                  | 4             | 3         |
|                                                                          | 4HK16501806         | 13.2 kW     | 45.1 | 17.6 kW     | 60.1 | HIGH                                      | 2           | 90/100                       | Breaker                  | 4             | 3         |
|                                                                          | 4HK16502006         | 14.4 kW     | 49.2 | 19.2 kW     | 65.5 | HIGH                                      | 2           | 100/110                      | Breaker                  | 3             | 2         |
| MA16CN21                                                                 | 4HK06500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | LOW                                       | 1           | 30/30                        | None                     | 8             | 8         |
|                                                                          | 4HK16500506         | 3.6 kW      | 12.3 | 4.8 kW      | 16.4 | LOW                                       | 1           | 30/30                        | Breaker                  | 8             | 8         |
|                                                                          | 4HK06500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | LOW                                       | 2           | 40/45                        | None                     | 8             | 8         |
|                                                                          | 4HK16500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | LOW                                       | 2           | 40/45                        | Breaker                  | 8             | 8         |
|                                                                          | 4HK06501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | MEDIUM                                    | 2           | 50/60                        | None                     | 8             | 6         |
|                                                                          | 4HK16501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | MEDIUM                                    | 2           | 50/60                        | Breaker                  | 8             | 6         |
|                                                                          | 4HK16501506         | 10.8 kW     | 36.9 | 14.4 kW     | 49.1 | MEDIUM                                    | 2           | 70/90                        | Breaker                  | 4             | 3         |
|                                                                          | 4HK16501806         | 13.2 kW     | 45.1 | 17.6 kW     | 60.1 | HIGH                                      | 2           | 90/100                       | Breaker                  | 4             | 3         |
|                                                                          | 4HK16502006         | 14.4 kW     | 49.2 | 19.2 kW     | 65.5 | HIGH                                      | 2           | 100/110                      | Breaker                  | 3             | 2         |



## Electric Heater Data - MA Modular AHU



| Heater Kits for Model "MA" Multi-Speed (Two Piece AHU) - 208/240-1 Phase |                     |             |      |             |      |                                              |             |                                    |                             |                  |           |
|--------------------------------------------------------------------------|---------------------|-------------|------|-------------|------|----------------------------------------------|-------------|------------------------------------|-----------------------------|------------------|-----------|
| AHU Model Number                                                         | Heater Model Number | Capacity    |      |             |      | Minimum Heat Speed<br>Tap for Elec. Heat Kit | Cont. Stage | 1 Heater Amps<br>MOCP<br>208/240 V | Contains Circuit<br>Breaker | Wire Size<br>AWG |           |
|                                                                          |                     | @ 208 Volts |      | @ 240 Volts |      |                                              |             |                                    |                             | 208 Volts        | 240 Volts |
|                                                                          |                     | kW          | BTUH | kW          | BTUH |                                              |             |                                    |                             |                  |           |
| MA20DN21                                                                 | 4HK06500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | LOW                                          | 2           | 45/50                              | None                        | 8                | 8         |
|                                                                          | 4HK16500806         | 5.6 kW      | 19.2 | 7.5 kW      | 25.6 | LOW                                          | 2           | 45/50                              | Breaker                     | 8                | 8         |
|                                                                          | 4HK06501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | LOW                                          | 2           | 60/60                              | None                        | 8                | 6         |
|                                                                          | 4HK16501006         | 7.2 kW      | 24.6 | 9.6 kW      | 32.8 | LOW                                          | 2           | 60/60                              | Breaker                     | 8                | 6         |
|                                                                          | 4HK16501506         | 10.8 kW     | 36.9 | 14.4 kW     | 49.1 | MEDIUM                                       | 2           | 90/90                              | Breaker                     | 3                | 3         |
|                                                                          | 4HK16501806         | 13.2 kW     | 45.1 | 17.6 kW     | 60.1 | MEDIUM                                       | 2           | 90/110                             | Breaker                     | 3                | 2         |
|                                                                          | 4HK16502006         | 14.4 kW     | 49.2 | 19.2 kW     | 65.5 | MEDIUM                                       | 2           | 100/125                            | Breaker                     | 3                | 2         |
|                                                                          | 4HK16502506         | 18.0 kW     | 61.5 | 24.0 kW     | 81.9 | MEDIUM                                       | 2           | 125/150                            | Breaker                     | 1                | 1/0       |

1 York heater kits are single point connection. MOCP includes power input from the blower motor.

\* OCP = Over Current Protection device, must be HACR type Circuit Breaker or Time Delay fuse.

» 4HK1650N1506 Heater Kit must be used w/ this blower.



# CFM Jumper Settings - AV(G,Y) Air Handler



Values Shown @ 208/230 volt / 1-Phase

## AIR FLOW

### Air Handler Air Flow Data

| HIGH/LOW SPEED COOLING AND HEAT PUMP AIRFLOW |      |      |      |                 |         |
|----------------------------------------------|------|------|------|-----------------|---------|
| CFM                                          |      |      |      | JUMPER SETTINGS |         |
| 24B                                          |      | 36C  |      | COOL Tap        | ADJ Tap |
| High                                         | Low  | High | Low  |                 |         |
| 1088                                         | 707  | 1387 | 905  | A               | B       |
| 830                                          | 542  | 1151 | 753  | B               | B       |
| 948                                          | 617  | 1201 | 783  | A               | A       |
| 716                                          | 465  | 1009 | 657  | B               | A       |
| 854                                          | 556  | 1086 | 703  | A               | C       |
| 612                                          | 462  | 953  | 622  | C               | B       |
| 637                                          | 460  | 901  | 588  | B               | C       |
| 531                                          | 460  | 754  | 493  | D               | B       |
| 542                                          | 462  | 831  | 540  | C               | A       |
| 462                                          | 462  | 657  | 460  | D               | A       |
| 474                                          | 460  | 751  | 494  | C               | C       |
| 461                                          | 464  | 588  | 461  | D               | C       |
| 48D                                          |      | 60D  |      | JUMPER SETTINGS |         |
| High                                         | Low  | High | Low  | COOL Tap        | ADJ Tap |
| 2138                                         | 1442 | 2364 | 1545 | A               | B       |
| 1759                                         | 1162 | 1962 | 1271 | B               | B       |
| 2009                                         | 1311 | 2123 | 1374 | A               | A       |
| 1612                                         | 1052 | 1763 | 1146 | B               | A       |
| 1773                                         | 1166 | 1905 | 1237 | A               | C       |
| 1530                                         | 989  | 1777 | 1158 | C               | B       |
| 1459                                         | 947  | 1580 | 1021 | B               | C       |
| 1359                                         | 886  | 1596 | 1030 | D               | B       |
| 1388                                         | 904  | 1583 | 1019 | C               | A       |
| 1221                                         | 806  | 1413 | 929  | D               | A       |
| 1244                                         | 808  | 1412 | 926  | C               | C       |
| 1118                                         | 715  | 1277 | 841  | D               | C       |
| HIGH/LOW SPEED ELECTRIC HEAT AIRFLOW         |      |      |      |                 |         |
| CFM                                          |      |      |      | JUMPER SETTINGS |         |
| 24B                                          |      | 36C  |      | HEAT Tap        | ADJ Tap |
| High                                         | Low  | High | Low  |                 |         |
| 1088                                         | 828  | 1387 | 908  | A               | Any     |
| 954                                          | 714  | 1228 | 804  | B               | Any     |
| 829                                          | 614  | 1151 | 756  | C               | Any     |
| 678                                          | 523  | 923  | 609  | D               | Any     |
| 48D                                          |      | 60D  |      | JUMPER SETTINGS |         |
| High                                         | Low  | High | Low  | HEAT Tap        | ADJ Tap |
| 2111                                         | 1417 | 2363 | 1488 | A               | Any     |
| 1858                                         | 1252 | 2174 | 1252 | B               | Any     |
| 1480                                         | 985  | 1868 | 1061 | C               | Any     |
| 1250                                         | 840  | 1387 | 823  | D               | Any     |

1. Airflow at nominal voltage, bottom return at 0.5 external static pressure, tested without filter installed, dry coil conditions.
2. These units have variable speed motors that automatically adjust to provide constant CFM from 0.0" to 0.6" w.c. static pressure.
3. From 0.6" to 1.0" static pressure, CFM is reduced by 2% per 0.1" increase in static.
4. Operation on duct systems with greater than 1.0" w.c. external static pressure is not recommended.
5. Both the COOL and the ADJUST tap must be set to obtain the cooling airflow desired (CFM).
6. The ADJ tap does not affect the HEAT tap setting.
7. Low speed cooling used only with two stage outdoor units. (Speed is preset to 65% of high speed).
8. Dehumidification speed is 85% of jumper selected COOL tap and ADJUST tap.
9. When operating in both heat pump and electric heat modes, the airflow (CFM) will be per HEAT Tap CFM values only.
10. At some settings, LOW COOL and/or LOW HEAT airflow may be lower than what is required to operate an airflow switch on certain models of electronic air cleaners. Consult the Instructions for the electronic air cleaner for further details.
11. Airflow (CFM) Indicator light (LED2) flashes once for every 100 CFM (i.e.: 12 Flashes is 1200 CFM) – blinks are approximate +/- 10% of actual CFM.



# CFM Jumper Settings - AHE Air Handler



Values Shown @ 230 volt / 1-Phase

AIR FLOW DATA - 60 Hz MODELS - 230 VOLT

| Models      | Blower Motor Speed | CFM <sup>1</sup> @ External Static Pressure - IWC |      |      |      |      |      |      |
|-------------|--------------------|---------------------------------------------------|------|------|------|------|------|------|
|             |                    | 0.10                                              | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 |
| 230 Volt    |                    |                                                   |      |      |      |      |      |      |
| AHE18B3XH21 | High #5            | 1075                                              | 1041 | 1003 | 970  | 930  | 885  | 842  |
|             | Med High #4        | 895                                               | 845  | 808  | 767  | 709  | 647  | 561  |
|             | Med #3             | 663                                               | 618  | 557  | 490  | 348  | 267  | 192  |
|             | Med Low #2         | 629                                               | 468  | 356  | 197  | 175  | 68   | 23   |
|             | Low #1             | 629                                               | 468  | 356  | 197  | 175  | 68   | 23   |
| AHE22B3XH21 | High #5            | 1156                                              | 1120 | 1093 | 1056 | 1014 | 951  | 862  |
|             | Med High #4        | 1021                                              | 987  | 952  | 918  | 873  | 836  | 787  |
|             | Med #3             | 829                                               | 789  | 754  | 698  | 654  | 585  | 532  |
|             | Med Low #2         | 681                                               | 621  | 575  | 496  | 435  | 336  | 262  |
|             | Low #1             | 598                                               | 503  | 437  | 340  | 259  | 203  | 74   |
| AHE24B3XH21 | High #5            | 1156                                              | 1120 | 1093 | 1056 | 1014 | 951  | 862  |
|             | Med High #4        | 1021                                              | 987  | 952  | 918  | 873  | 836  | 787  |
|             | Med #3             | 829                                               | 789  | 754  | 698  | 654  | 585  | 532  |
|             | Med Low #2         | 681                                               | 621  | 575  | 496  | 435  | 336  | 262  |
|             | Low #1             | 598                                               | 503  | 437  | 340  | 259  | 203  | 74   |
| AHE30B3XH21 | High #5            | 1156                                              | 1120 | 1093 | 1056 | 1014 | 951  | 862  |
|             | Med High #4        | 1021                                              | 987  | 952  | 918  | 873  | 836  | 787  |
|             | Med #3             | 829                                               | 789  | 754  | 698  | 654  | 585  | 532  |
|             | Med Low #2         | 681                                               | 621  | 575  | 496  | 435  | 336  | 262  |
|             | Low #1             | 598                                               | 503  | 437  | 340  | 259  | 203  | 74   |
| AHE34C3XH21 | High #5            | 1471                                              | 1429 | 1387 | 1337 | 1289 | 1233 | 1172 |
|             | Med High #4        | 1301                                              | 1248 | 1198 | 1147 | 1008 | 999  | 927  |
|             | Med #3             | 1097                                              | 1044 | 972  | 906  | 815  | 748  | 680  |
|             | Med Low #2         | 943                                               | 868  | 768  | 689  | 617  | 566  | 520  |
|             | Low #1             | 370                                               | 632  | 515  | 424  | 365  | 287  | NA   |
| AHE36C3XH21 | High #5            | 1465                                              | 1415 | 1360 | 1307 | 1246 | 1183 | 1118 |
|             | Med High #4        | 1260                                              | 1204 | 1142 | 1075 | 1008 | 946  | 876  |
|             | Med #3             | 1088                                              | 1022 | 939  | 862  | 782  | 721  | 626  |
|             | Med Low #2         | 998                                               | 810  | 717  | 630  | 562  | 493  | 444  |
|             | Low #1             | 903                                               | 707  | 411  | 323  | 265  | 152  | NA   |
| AHE42D3XH21 | High #5            | 1632                                              | 1589 | 1542 | 1494 | 1446 | 1391 | 1335 |
|             | Med High #4        | 1430                                              | 1390 | 1346 | 1294 | 1238 | 1168 | 960  |
|             | Med #3             | 1238                                              | 1198 | 1145 | 1082 | 993  | 908  | 805  |
|             | Med Low #2         | 1118                                              | 1020 | 947  | 851  | 734  | 666  | 563  |
|             | Low #1             | 998                                               | 772  | 477  | 418  | 349  | NA   | NA   |
| AHE48D3XH21 | High #5            | 1861                                              | 1823 | 1787 | 1750 | 1708 | 1666 | 1620 |
|             | Med High #4        | 1674                                              | 1640 | 1599 | 1562 | 1516 | 1472 | 1432 |
|             | Med #3             | 1442                                              | 1405 | 1358 | 1311 | 1262 | 1197 | 1108 |
|             | Med Low #2         | 1257                                              | 1220 | 1163 | 1103 | 1031 | 942  | 864  |
|             | Low #1             | 1153                                              | 1031 | 967  | 867  | 764  | 718  | 633  |
| AHE60D3XH21 | High #5            | 2091                                              | 2053 | 2016 | 1975 | 1937 | 1906 | 1869 |
|             | Med High #4        | 1903                                              | 1868 | 1832 | 1791 | 1748 | 1703 | 1660 |
|             | Med #3             | 1634                                              | 1598 | 1562 | 1516 | 1468 | 1422 | 1350 |
|             | Med Low #2         | 1447                                              | 1404 | 1361 | 1318 | 1257 | 1164 | 1092 |
|             | Low #1             | 1268                                              | 1203 | 1148 | 1073 | 978  | 907  | 839  |

1. Dry coil conditions only, tested without filters.

Air handler units are CSA listed to UL 1995/CSA C22.2 236-05 up to 0.30" w.c. external static pressure, including air filter, wet coil, and largest kW size heater, unless otherwise noted.

Operation not recommended in shaded areas.

# CFM Jumper Settings - "AX" AHU by ADP

Values Shown @ 208 volt / 1-Phase

CFM @ External Static Pressure - IWC

| Size       | Tap       | 0.10 | 0.20 | 0.30 | 0.35 | 0.40 | 0.45 | 0.50 | 0.60 |
|------------|-----------|------|------|------|------|------|------|------|------|
| 18         | 1         | 492  | 448  | 393  | 361  | 361  | 333  | 307  | 273  |
|            | 2         | 513  | 471  | 420  | 414  | 384  | 357  | 325  | 318  |
|            | <b>*3</b> | 667  | 641  | 615  | 605  | 596  | 577  | 567  | 560  |
|            | 4         | 705  | 673  | 665  | 648  | 630  | 621  | 603  | 590  |
|            | 5         | 721  | 689  | 673  | 656  | 639  | 629  | 612  | 590  |
| 24         | 1         | 732  | 627  | 590  | 581  | 571  | 545  | 536  | 525  |
|            | 2         | 671  | 634  | 594  | 578  | 573  | 546  | 493  | 480  |
|            | <b>*3</b> | 892  | 859  | 832  | 828  | 818  | 797  | 790  | 775  |
|            | 4         | 911  | 866  | 839  | 832  | 825  | 818  | 804  | 760  |
|            | 5         | 924  | 886  | 846  | 832  | 825  | 818  | 797  | 780  |
| 25, 30     | 1         | 871  | 830  | 778  | 722  | 671  | 635  | 625  | 586  |
|            | 2         | 906  | 859  | 809  | 779  | 715  | 689  | 654  | 635  |
|            | <b>*3</b> | 1085 | 1070 | 1048 | 1036 | 1024 | 1001 | 989  | 975  |
|            | 4         | 1125 | 1103 | 1087 | 1059 | 1047 | 1024 | 1012 | 983  |
|            | 5         | 1176 | 1146 | 1114 | 1098 | 1081 | 1059 | 1047 | 1029 |
| 31, 36, 37 | 1         | 882  | 887  | 826  | 804  | 766  | 760  | 755  | 695  |
|            | 2         | 1082 | 1037 | 1025 | 1002 | 990  | 959  | 921  | 881  |
|            | <b>*3</b> | 1270 | 1250 | 1238 | 1228 | 1214 | 1189 | 1179 | 1162 |
|            | 4         | 1290 | 1275 | 1265 | 1246 | 1236 | 1227 | 1212 | 1172 |
|            | 5         | 1335 | 1315 | 1301 | 1287 | 1278 | 1259 | 1240 | 1225 |
| 42         | 1         | 1008 | 907  | 861  | 832  | 803  | 772  | 717  | 671  |
|            | 2         | 1292 | 1243 | 1202 | 1192 | 1171 | 1149 | 1127 | 1070 |
|            | <b>*3</b> | 1447 | 1430 | 1404 | 1377 | 1359 | 1340 | 1322 | 1283 |
|            | 4         | 1534 | 1502 | 1476 | 1459 | 1433 | 1416 | 1398 | 1362 |
|            | 5         | 1559 | 1519 | 1502 | 1477 | 1460 | 1434 | 1417 | 1381 |
| 48         | 1         | 1585 | 1494 | 1320 | 1252 | 1210 | 1151 | 1120 | 1088 |
|            | 2         | 1510 | 1463 | 1414 | 1389 | 1363 | 1324 | 1256 | 1228 |
|            | <b>*3</b> | 1675 | 1633 | 1579 | 1556 | 1545 | 1510 | 1487 | 1451 |
|            | 4         | 1737 | 1697 | 1655 | 1633 | 1612 | 1590 | 1568 | 1545 |
|            | 5         | 1781 | 1731 | 1679 | 1658 | 1637 | 1615 | 1593 | 1571 |
| 60         | 1         | 1394 | 1342 | 1288 | 1251 | 1172 | 1109 | 1077 | 1025 |
|            | 2         | 1722 | 1666 | 1623 | 1594 | 1564 | 1534 | 1518 | 1471 |
|            | <b>*3</b> | 2083 | 2048 | 2013 | 1990 | 1972 | 1947 | 1929 | 1885 |
|            | 4         | 2179 | 2135 | 2101 | 2079 | 2056 | 2039 | 2021 | 1937 |
|            | 5         | 2209 | 2166 | 2122 | 2101 | 2057 | 2058 | 2047 | 1956 |

- All data is given while air handler is operating with a dry DX coil and air filter installed.
- Taps marked **\*bold with asterisk** are the factory speed settings for both heating and cooling.
- Heating speeds should not be reduced below factory setting.
- Different speeds can be set for cooling mode; see installation instructions for changing cooling speeds.



# CFM Jumper Settings - MV Modular AHU



Values Shown @ 208/230 volt / 1-Phase

## AIR HANDLER AIR FLOW DATA

| HIGH/LOW SPEED COOLING AND HEAT PUMP AIRFLOW |      |      |      |                 |         |
|----------------------------------------------|------|------|------|-----------------|---------|
| CFM                                          |      |      |      | JUMPER SETTINGS |         |
| 12B                                          |      | 12D  |      |                 |         |
| High                                         | Low  | High | Low  | COOL Tap        | ADJ Tap |
| 1385                                         | 896  | 1411 | 907  | A               | B       |
| 1137                                         | 745  | 1159 | 767  | B               | B       |
| 1203                                         | 777  | 1227 | 799  | A               | A       |
| 1019                                         | 650  | 1007 | 662  | B               | A       |
| 1085                                         | 690  | 1083 | 716  | A               | C       |
| 943                                          | 615  | 958  | 629  | C               | B       |
| 889                                          | 585  | 908  | 603  | B               | C       |
| 746                                          | 493  | 767  | 537  | D               | B       |
| 817                                          | 537  | 840  | 568  | C               | A       |
| 646                                          | 467  | 680  | 516  | D               | A       |
| 738                                          | 481  | 780  | 532  | C               | C       |
| 580                                          | 465  | 603  | 517  | D               | C       |
| 16C                                          |      | 20D  |      | JUMPER SETTINGS |         |
| High                                         | Low  | High | Low  | COOL Tap        | ADJ Tap |
| 2005                                         | 1433 | 2404 | 1579 | A               | B       |
| 1768                                         | 1145 | 2022 | 1313 | B               | B       |
| 2009                                         | 1299 | 2167 | 1388 | A               | A       |
| 1615                                         | 1040 | 1801 | 1159 | B               | A       |
| 1787                                         | 1159 | 1924 | 1256 | A               | C       |
| 1524                                         | 988  | 1818 | 1175 | C               | B       |
| 1445                                         | 940  | 1620 | 1024 | B               | C       |
| 1350                                         | 883  | 1638 | 1049 | D               | B       |
| 1384                                         | 906  | 1628 | 1030 | C               | A       |
| 1215                                         | 800  | 1442 | 929  | D               | A       |
| 1236                                         | 810  | 1434 | 911  | C               | C       |
| 1086                                         | 716  | 1305 | 859  | D               | C       |

| HIGH/LOW SPEED ELECTRIC HEAT AIRFLOW |      |      |      |                 |         |
|--------------------------------------|------|------|------|-----------------|---------|
| CFM                                  |      |      |      | JUMPER SETTINGS |         |
| 12B                                  |      | 12D  |      |                 |         |
| High                                 | Low  | High | Low  | HEAT Tap        | ADJ Tap |
| 1385                                 | 900  | 1411 | 913  | A               | N/A     |
| 1228                                 | 795  | 1258 | 817  | B               | N/A     |
| 1137                                 | 748  | 1159 | 769  | C               | N/A     |
| 917                                  | 603  | 928  | 619  | D               | N/A     |
| 16C                                  |      | 20D  |      | JUMPER SETTINGS |         |
| High                                 | Low  | High | Low  | HEAT Tap        | ADJ Tap |
| 2006                                 | 1411 | 2408 | 1515 | A               | N/A     |
| 1868                                 | 1243 | 2218 | 1285 | B               | N/A     |
| 1468                                 | 983  | 1902 | 1070 | C               | N/A     |
| 1248                                 | 840  | 1407 | 823  | D               | N/A     |

- Airflow at nominal voltage, bottom return at 0.5 external static pressure, tested without filter installed, dry coil conditions.
- These units have variable speed motors that automatically adjust to provide constant CFM from 0.0" to 0.6" w.c. static pressure.
- From 0.6" to 1.0" static pressure, CFM is reduced by 2% per 0.1" Increase In static.
- Operation on duct systems with greater than 1.0" w.c. external static pressure is not recommended.
- Both the COOL and the ADJUST tap must be set to obtain the cooling airflow desired (CFM).
- The ADJ tap does not affect the HEAT tap setting.
- Low speed cooling used only with two stage outdoor units. (Speed is preset to 65% of high speed).
- Dehumidification speed is 85% of jumper selected COOL tap and ADJUST tap.
- When operating in both heat pump and electric heat modes, the airflow (CFM) will be per HEAT Tap CFM values only.
- At some settings, LOW COOL and/or LOW HEAT airflow may be lower than what is required to operate an airflow switch on certain models of electronic air cleaners. Consult the Instructions for the electronic air cleaner for further details.
- Airflow (CFM) Indicator light (LED2) flashes once for every 100 CFM (i.e.: 12 Flashes is 1200 CFM) – blinks are approximate +/- 10% of actual CFM.



# CFM Jumper Settings - "MX" Modular AHU



## Air Flow Data - 60 Hz Models

| 208 Volt |                    |                                                   |      |      |      |      |      |      |      |      |      |                                                         |       |       |       |       |       |       |       |       |       |
|----------|--------------------|---------------------------------------------------|------|------|------|------|------|------|------|------|------|---------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Models   | Blower Motor Speed | CFM <sup>1</sup> @ External Static Pressure - IWC |      |      |      |      |      |      |      |      |      | m <sup>3</sup> /min @ External Static Pressure - Pascal |       |       |       |       |       |       |       |       |       |
|          |                    | 0.10                                              | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 0.025                                                   | 0.050 | 0.075 | 0.100 | 0.125 | 0.150 | 0.175 | 0.200 | 0.225 | 0.250 |
| MX12B    | Hi/#1              | 1234                                              | 1212 | 1178 | 1145 | 1079 | 1043 | 995  | 911  | 623  | 371  | 34.54                                                   | 33.94 | 33.00 | 32.05 | 30.20 | 29.20 | 27.87 | 25.50 | 17.44 | 10.40 |
|          | MedHi/#2           | 1099                                              | 1066 | 1037 | 987  | 933  | 888  | 801  | NA   | NA   | NA   | 30.76                                                   | 29.86 | 29.03 | 27.65 | 26.13 | 24.86 | 22.43 | NA    | NA    | NA    |
|          | Med/#3             | 928                                               | 892  | 840  | 768  | 731  | 664  | 566  | 523  | 476  | 226  | 25.99                                                   | 24.98 | 23.53 | 21.52 | 20.48 | 18.60 | 15.84 | 14.64 | 13.33 | 6.32  |
|          | MedLo/#4           | 859                                               | 705  | 612  | 502  | 472  | 403  | 328  | NA   | NA   | NA   | 24.06                                                   | 19.75 | 17.12 | 14.06 | 13.21 | 11.28 | 9.19  | NA    | NA    | NA    |
|          | Lo/#5              | 835                                               | 635  | 451  | 396  | 315  | NA   | NA   | NA   | NA   | NA   | 23.37                                                   | 17.79 | 12.62 | 11.08 | 8.83  | NA    | NA    | NA    | NA    | NA    |
| MX12D    | Hi/#1              | 1510                                              | 1366 | 1307 | 1234 | 1176 | 1116 | 1051 | 917  | 834  | 696  | 42.27                                                   | 38.25 | 36.60 | 34.54 | 32.93 | 31.24 | 29.44 | 25.69 | 23.34 | 19.48 |
|          | MedHi/#2           | 1421                                              | 1224 | 1120 | 1051 | 988  | 914  | 780  | 740  | 669  | 583  | 39.77                                                   | 34.28 | 31.36 | 29.43 | 27.65 | 25.60 | 21.84 | 20.72 | 18.73 | 16.31 |
|          | Med/#3             | 1345                                              | 1124 | 889  | 812  | 675  | 615  | 568  | 501  | 424  | 384  | 37.65                                                   | 31.48 | 24.90 | 22.74 | 18.90 | 17.22 | 15.89 | 14.03 | 11.87 | 10.75 |
|          | MedLo/#4           | 1272                                              | 1034 | 616  | 518  | 454  | 351  | 313  | 271  | 250  | 210  | 35.61                                                   | 28.95 | 17.23 | 14.52 | 12.71 | 9.84  | 8.76  | 7.57  | 6.99  | 5.88  |
|          | Lo/#5              | 1219                                              | 928  | 451  | 349  | 287  | 244  | 212  | 110  | NA   | NA   | 34.12                                                   | 25.98 | 12.62 | 9.77  | 8.05  | 6.83  | 5.93  | 3.08  | NA    | NA    |
| MX16C    | Hi/#1              | 1805                                              | 1771 | 1737 | 1696 | 1652 | 1587 | 1531 | 1469 | 1371 | 924  | 50.54                                                   | 49.60 | 48.64 | 47.48 | 46.27 | 44.43 | 42.86 | 41.14 | 38.37 | 25.87 |
|          | MedHi/#2           | 1637                                              | 1589 | 1558 | 1512 | 1455 | 1397 | 1343 | 1291 | 1194 | 853  | 45.83                                                   | 44.48 | 43.63 | 42.34 | 40.73 | 39.11 | 37.59 | 36.14 | 33.44 | 23.87 |
|          | Med/#3             | 1470                                              | 1424 | 1381 | 1327 | 1266 | 1211 | 1154 | 1068 | 1005 | 760  | 41.16                                                   | 39.87 | 38.67 | 37.14 | 35.44 | 33.91 | 32.30 | 29.90 | 28.13 | 21.29 |
|          | MedLo/#4           | 1327                                              | 1237 | 1171 | 1109 | 1049 | 976  | 875  | 807  | 720  | 658  | 37.15                                                   | 34.63 | 32.79 | 31.06 | 29.37 | 27.34 | 24.49 | 22.59 | 20.16 | 18.42 |
|          | Lo/#5              | 1279                                              | 1063 | 992  | 935  | 858  | 762  | 667  | 587  | 508  | 428  | 35.82                                                   | 29.76 | 27.78 | 26.19 | 24.03 | 21.33 | 18.68 | 16.44 | 14.23 | 11.98 |
| MX20D    | Hi/#1              | 2075                                              | 2031 | 1996 | 1957 | 1912 | 1862 | 1813 | 1762 | 1693 | 1524 | 58.11                                                   | 56.88 | 55.90 | 54.80 | 53.53 | 52.14 | 50.76 | 49.33 | 47.42 | 42.66 |
|          | MedHi/#2           | 1896                                              | 1849 | 1808 | 1766 | 1720 | 1679 | 1636 | 1585 | 1532 | 1461 | 53.10                                                   | 51.77 | 50.63 | 49.46 | 48.16 | 47.02 | 45.80 | 44.38 | 42.89 | 40.90 |
|          | Med/#3             | 1685                                              | 1638 | 1587 | 1539 | 1489 | 1444 | 1398 | 1349 | 1294 | 1248 | 47.19                                                   | 45.86 | 44.44 | 43.10 | 41.69 | 40.44 | 39.14 | 37.76 | 36.23 | 34.95 |
|          | MedLo/#4           | 1527                                              | 1481 | 1425 | 1370 | 1323 | 1277 | 1227 | 1166 | 1118 | 1065 | 42.77                                                   | 41.48 | 39.90 | 38.36 | 37.04 | 35.75 | 34.35 | 32.64 | 31.32 | 29.82 |
|          | Lo/#5              | 1465                                              | 1301 | 1244 | 1177 | 1119 | 1065 | 998  | 927  | 833  | 795  | 41.03                                                   | 36.42 | 34.84 | 32.96 | 31.33 | 29.81 | 27.93 | 25.96 | 23.31 | 22.26 |
| 230 Volt |                    |                                                   |      |      |      |      |      |      |      |      |      |                                                         |       |       |       |       |       |       |       |       |       |
| Models   | Blower Motor Speed | CFM <sup>2</sup> @ External Static Pressure - IWC |      |      |      |      |      |      |      |      |      | m <sup>3</sup> /min @ External Static Pressure - Pascal |       |       |       |       |       |       |       |       |       |
|          |                    | 0.10                                              | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 0.025                                                   | 0.050 | 0.075 | 0.100 | 0.125 | 0.150 | 0.175 | 0.200 | 0.225 | 0.250 |
| MX12B    | Hi/#1              | 1264                                              | 1241 | 1209 | 1184 | 1132 | 1067 | 1037 | 988  | 821  | 493  | 35.40                                                   | 34.74 | 33.87 | 33.16 | 31.70 | 29.87 | 29.04 | 27.66 | 22.98 | 13.81 |
|          | MedHi/#2           | 1107                                              | 1073 | 1048 | 997  | 948  | 902  | 855  | 778  | 586  | 370  | 30.98                                                   | 30.05 | 29.34 | 27.93 | 26.55 | 25.25 | 23.93 | 21.79 | 16.41 | 10.36 |
|          | Med/#3             | 937                                               | 904  | 861  | 807  | 736  | 682  | 582  | 557  | 501  | 357  | 26.24                                                   | 25.32 | 24.10 | 22.59 | 20.62 | 19.09 | 16.31 | 15.59 | 14.04 | 10.01 |
|          | MedLo/#4           | 875                                               | 688  | 629  | 559  | 465  | 418  | 348  | 377  | NA   | NA   | 24.51                                                   | 19.25 | 17.62 | 15.66 | 13.03 | 11.70 | 9.75  | 10.54 | NA    | NA    |
|          | Lo/#5              | 839                                               | 549  | 466  | 404  | 328  | 285  | 205  | 181  | 154  | NA   | 23.49                                                   | 15.38 | 13.06 | 11.33 | 9.19  | 7.97  | 5.75  | 5.08  | 4.30  | NA    |
| MX12D    | Hi/#1              | 1485                                              | 1362 | 1304 | 1248 | 1180 | 1130 | 1065 | 985  | 863  | 708  | 41.59                                                   | 38.13 | 36.52 | 34.95 | 33.05 | 31.63 | 29.83 | 27.58 | 24.18 | 19.83 |
|          | MedHi/#2           | 1408                                              | 1198 | 1119 | 1054 | 989  | 911  | 801  | 746  | 701  | 618  | 39.43                                                   | 33.54 | 31.34 | 29.50 | 27.70 | 25.52 | 22.42 | 20.88 | 19.63 | 17.31 |
|          | Med/#3             | 1348                                              | 1115 | 888  | 817  | 676  | 635  | 577  | 528  | 447  | 407  | 37.74                                                   | 31.23 | 24.86 | 22.89 | 18.93 | 17.78 | 16.15 | 14.78 | 12.51 | 11.39 |
|          | MedLo/#4           | 1278                                              | 1019 | 580  | 518  | 454  | 363  | 318  | 284  | 262  | 225  | 35.78                                                   | 28.52 | 16.23 | 14.51 | 12.71 | 10.18 | 8.89  | 7.95  | 7.35  | 6.30  |
|          | Lo/#5              | 1240                                              | 964  | 441  | 352  | 294  | 252  | 214  | 187  | NA   | NA   | 34.72                                                   | 27.00 | 12.34 | 9.87  | 8.23  | 7.05  | 6.00  | 5.24  | NA    | NA    |
| MX16C    | Hi/#1              | 1869                                              | 1833 | 1804 | 1772 | 1728 | 1674 | 1623 | 1554 | 1150 | 383  | 52.33                                                   | 51.33 | 50.50 | 49.63 | 48.38 | 46.89 | 45.43 | 43.51 | 32.19 | 10.72 |
|          | MedHi/#2           | 1695                                              | 1653 | 1627 | 1576 | 1527 | 1477 | 1419 | 1370 | 751  | NA   | 47.45                                                   | 46.29 | 45.56 | 44.13 | 42.75 | 41.37 | 39.73 | 38.35 | 21.02 | NA    |
|          | Med/#3             | 1546                                              | 1513 | 1468 | 1417 | 1361 | 1310 | 1253 | 1120 | 892  | 387  | 43.29                                                   | 42.36 | 41.10 | 39.67 | 38.10 | 36.67 | 35.10 | 31.36 | 24.97 | 10.84 |
|          | MedLo/#4           | 1327                                              | 1283 | 1223 | 1163 | 1105 | 1036 | 857  | 768  | 614  | 384  | 37.16                                                   | 35.93 | 34.24 | 32.56 | 30.93 | 29.00 | 24.00 | 21.50 | 17.20 | 10.76 |
|          | Lo/#5              | 1241                                              | 1103 | 1037 | 968  | 891  | 759  | 629  | 581  | 523  | 381  | 34.74                                                   | 30.88 | 29.03 | 27.11 | 24.95 | 21.24 | 17.61 | 16.28 | 14.66 | 10.67 |
| MX20D    | Hi/#1              | 2085                                              | 2046 | 2008 | 1976 | 1935 | 1879 | 1836 | 1797 | 1724 | 1559 | 58.37                                                   | 57.28 | 56.21 | 55.32 | 54.19 | 52.62 | 51.41 | 50.32 | 48.26 | 43.66 |
|          | MedHi/#2           | 1917                                              | 1868 | 1829 | 1792 | 1731 | 1702 | 1655 | 1615 | 1568 | 1485 | 53.68                                                   | 52.30 | 51.20 | 50.16 | 48.47 | 47.66 | 46.33 | 45.22 | 43.91 | 41.58 |
|          | Med/#3             | 1678                                              | 1645 | 1601 | 1556 | 1502 | 1461 | 1406 | 1362 | 1319 | 1280 | 46.98                                                   | 46.07 | 44.82 | 43.57 | 42.04 | 40.90 | 39.36 | 38.14 | 36.94 | 35.84 |
|          | MedLo/#4           | 1534                                              | 1494 | 1435 | 1384 | 1344 | 1289 | 1236 | 1192 | 1142 | 1086 | 42.97                                                   | 41.82 | 40.18 | 38.75 | 37.62 | 36.08 | 34.62 | 33.39 | 31.97 | 30.41 |
|          | Lo/#5              | 1410                                              | 1259 | 1211 | 1148 | 1095 | 1038 | 996  | 940  | 840  | 800  | 39.47                                                   | 35.24 | 33.90 | 32.13 | 30.65 | 29.06 | 27.90 | 26.32 | 23.53 | 22.40 |

NOTE: Air flow data shown above 1/2" w.c. external static pressure is for REFERENCE ONLY. Maximum allowable external static when electric heat is used is limited to 1/2" w.c. Maximum allowable external static pressure may also be limited by minimum CFM requirements for proper Heat Pump operation.

1. Dry coil conditions only, tested without filters.

† Speed temp High #1 not recommended for the unit.

Air handler units are UL Listed up to 0.5" w.c. external static pressure, including air filter, wet coil, and largest kW size heater, unless otherwise noted.



# CFM Jumper Settings - "MA" Modular AHU



## EXTENDED AIRFLOW DATA<sup>1</sup> - MA Models - 115/230/460 Volt - 60 Hz

| MA Models | MC Models      | Blower Motor Speed | CFM <sup>1</sup> @ External Static Pressure - IWC |      |      |      |      |      |      |      |      |      |
|-----------|----------------|--------------------|---------------------------------------------------|------|------|------|------|------|------|------|------|------|
|           |                |                    | 0.1                                               | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  | 0.7  | 0.8  | 0.9  | 1    |
| MA08B     | MC18B          | High               | 1102                                              | 986  | 870  | 754  | 638  | 521  | 405  | 289  | 173  | 57   |
|           |                | Med.               | 831                                               | 737  | 644  | 551  | 457  | 364  | 271  | 178  | 84   | N/A  |
|           |                | Low                | 615                                               | 537  | 458  | 379  | 300  | 221  | 142  | 63   | N/A  | N/A  |
|           | MC24B          | High               | 1112                                              | 1001 | 890  | 780  | 669  | 558  | 447  | 336  | 225  | 114  |
|           |                | Med.               | 851                                               | 759  | 667  | 576  | 484  | 392  | 300  | 208  | 116  | 25   |
|           |                | Low                | 643                                               | 562  | 480  | 399  | 317  | 236  | 154  | 73   | N/A  | N/A  |
| MA12B     | MC30B<br>MC35B | High               | 1429                                              | 1363 | 1290 | 1212 | 1133 | 1037 | 929  | 670  | 534  | 375  |
|           |                | Med.               | 1213                                              | 1153 | 1097 | 1037 | 977  | 896  | 697  | 549  | 453  | 220  |
|           |                | Low                | 1075                                              | 1032 | 990  | 927  | 873  | 770  | 611  | 494  | 405  | 212  |
|           | MC36B          | High               | 1607                                              | 1533 | 1463 | 1395 | 1319 | 1044 | 851  | 725  | 673  | 673  |
|           |                | Med.               | 1308                                              | 1258 | 1197 | 1146 | 1097 | 887  | 742  | 648  | 608  | 609  |
|           |                | Low                | 1148                                              | 1108 | 1061 | 1017 | 976  | 807  | 690  | 613  | 582  | 582  |
|           | MC43B          | High               | 1462                                              | 1396 | 1322 | 1254 | 1172 | 1067 | 941  | 693  | 585  | 464  |
|           |                | Med.               | 1205                                              | 1154 | 1102 | 1046 | 980  | 897  | 704  | 560  | 441  | 220  |
|           |                | Low                | 1075                                              | 1020 | 969  | 906  | 842  | 735  | 592  | 470  | 364  | 190  |
| MA14D     | MC48D          | High               | 1715                                              | 1671 | 1608 | 1547 | 1460 | 1338 | 1232 | 1003 | 727  | 508  |
|           |                | Med.               | 1471                                              | 1438 | 1367 | 1318 | 1263 | 1180 | 920  | 824  | 587  | 503  |
|           |                | Low                | 1379                                              | 1330 | 1276 | 1227 | 1157 | 1047 | 866  | 681  | 567  | 392  |
|           | MC60D          | High               | 1763                                              | 1713 | 1649 | 1581 | 1511 | 1407 | 1276 | 995  | 852  | N/A  |
|           |                | Med.               | 1487                                              | 1462 | 1412 | 1356 | 1280 | 1210 | 1087 | 795  | 726  | N/A  |
|           |                | Low                | 1381                                              | 1353 | 1292 | 1225 | 1186 | 1057 | 863  | 780  | 669  | N/A  |
|           | MC62D          | High               | 1746                                              | 1699 | 1655 | 1579 | 1486 | 1399 | 1264 | 1093 | 796  | 581  |
|           |                | Med.               | 1486                                              | 1442 | 1393 | 1333 | 1270 | 1189 | 1081 | 776  | 628  | 450  |
|           |                | Low                | 1392                                              | 1336 | 1285 | 1226 | 1158 | 1061 | 882  | 740  | 680  | 445  |
| MA16C     | MC42C          | High               | 1959                                              | 1874 | 1802 | 1708 | 1606 | 1486 | 1408 | 1264 | 953  | 810  |
|           |                | Med.               | 1631                                              | 1587 | 1542 | 1473 | 1395 | 1315 | 1218 | 967  | 821  | 533  |
|           |                | Low                | 1447                                              | 1431 | 1401 | 1363 | 1304 | 1241 | 1098 | 844  | 751  | 712  |
|           | MC43C<br>MC35C | High               | 1825                                              | 1742 | 1660 | 1578 | 1486 | 1396 | 1306 | 1187 | 802  | 577  |
|           |                | Med.               | 1637                                              | 1572 | 1507 | 1431 | 1361 | 1276 | 1171 | 1043 | 722  | 493  |
|           |                | Low                | 1510                                              | 1456 | 1403 | 1341 | 1278 | 1202 | 1088 | 785  | 684  | 456  |
|           | MC48C          | High               | 2018                                              | 1895 | 1772 | 1649 | 1525 | 1402 | 1279 | 1156 | 1033 | 910  |
|           |                | Med.               | 1684                                              | 1595 | 1506 | 1417 | 1328 | 1240 | 1151 | 1062 | 973  | 884  |
|           |                | Low                | 1561                                              | 1476 | 1392 | 1308 | 1223 | 1139 | 1055 | 970  | 896  | 801  |
| MA20D     | MC48D          | High               | 2226                                              | 2190 | 2103 | 2035 | 1931 | 1845 | 1683 | 1541 | 1465 | 1328 |
|           |                | Med.               | 2115                                              | 2087 | 2017 | 1951 | 1851 | 1744 | 1542 | 1466 | 1406 | 1254 |
|           |                | Low                | N/A                                               | N/A  | N/A  | 1716 | 1643 | 1554 | 1451 | 1379 | 1292 | 1151 |
|           | MC60D          | High               | 2326                                              | 2235 | 2192 | 2107 | 2027 | 1906 | 1786 | 1538 | 1469 | 1368 |
|           |                | Med.               | 2150                                              | 2089 | 2036 | 2008 | 1944 | 1852 | 1692 | 1499 | 1416 | 1295 |
|           |                | Low                | 2012                                              | 1923 | 1834 | 1718 | 1676 | 1600 | 1447 | 1389 | 1311 | 1200 |
|           | MC62D          | High               | 2357                                              | 2321 | 2254 | 2191 | 2139 | 1951 | 1859 | 1656 | 1556 | 1472 |
|           |                | Med.               | 2212                                              | 2144 | 2111 | 2069 | 1986 | 1862 | 1727 | 1566 | 1498 | 1369 |
|           |                | Low                | 2066                                              | 1934 | 1910 | 1817 | 1723 | 1646 | 1514 | 1442 | 1381 | 1245 |

**NOTE:** Air flow data shown above 0.50" W.C. external static pressure is for REFERENCE ONLY. Maximum allowable external static when electric heat is used is limited to 0.50" W.C. Maximum allowable external static pressure may also be limited by minimum CFM requirements for proper Heat Pump operation.

1. Includes Return Air Filter and Largest Electric Heater.

All AH, AV, MA, MV, SHP, SV series air handler units are UL Listed up to 0.50" w.c. external static pressure, including air filter, wet coil, and largest KW size heater.



## Evaporator Coils

### MC

**Cased - Multi-Position (upflow, downflow, horiz. L/R)**

**Warranty:** 10 years parts (registration required)



| Evaporator<br>Coil | Nom. Cap.<br>Cooling<br>(BTUH) | Metering<br>Device | Rated<br>CFM | Wt.<br>(.lbs) | Uncrated Dimensions |   |        |   |        |  | Supply Opening |   |        | Refrigerant<br>Line Size |     | Configuration |          |         |         | FULL<br>CASING |
|--------------------|--------------------------------|--------------------|--------------|---------------|---------------------|---|--------|---|--------|--|----------------|---|--------|--------------------------|-----|---------------|----------|---------|---------|----------------|
|                    |                                |                    |              |               |                     |   |        |   |        |  |                |   |        |                          |     | Upflow        | Downflow | Horiz R | Horiz L |                |
|                    |                                |                    |              |               | H                   | x | W      | x | D      |  | W              | x | D      | SL                       | LL  |               |          |         |         |                |
| MC18A3XH1          | 18,000                         | Note 1             | 550          | 53            | 22                  | x | 14 1/2 | x | 21 1/2 |  | 13 3/8         | x | 20 3/8 | 3/4                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC18B3XH1          | 18,000                         | Note 1             | 650          | 53            | 22                  | x | 17 1/2 | x | 21 1/2 |  | 16 3/8         | x | 20 3/8 | 3/4                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC24A3XH1          | 24,000                         | Note 1             | 850          | 56            | 26 1/2              | x | 14 1/2 | x | 21 1/2 |  | 13 3/8         | x | 20 3/8 | 3/4                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC24B3XH1          | 24,000                         | Note 1             | 850          | 56            | 26 1/2              | x | 17 1/2 | x | 21 1/2 |  | 16 3/8         | x | 20 3/8 | 3/4                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC30A3XH1          | 30,000                         | Note 1             | 1025         | 56            | 26 1/2              | x | 14 1/2 | x | 21 1/2 |  | 13 3/8         | x | 20 3/8 | 3/4                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC30B3XH1          | 30,000                         | Note 1             | 1025         | 56            | 26 1/2              | x | 17 1/2 | x | 21 1/2 |  | 16 3/8         | x | 20 3/8 | 3/4                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC32A3XH1          | 32,000                         | Note 1             | 1025         | 59            | 22                  | x | 14 1/2 | x | 21 1/2 |  | 13 3/8         | x | 20 3/8 | 3/4                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC35B3XH1          | 35,000                         | Note 1             | 1200         | 65            | 22                  | x | 17 1/2 | x | 21 1/2 |  | 16 3/8         | x | 20 3/8 | 3/4                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC35C3XH2          | 35,000                         | Note 1             | 1200         | 67            | 26.5/22             | x | 21     | x | 21 1/2 |  | 19 7/8         | x | 20 3/8 | 3/4                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC36A3XH1          | 36,000                         | Note 1             | 1150         | 64            | 26 1/2              | x | 14 1/2 | x | 21 1/2 |  | 13 3/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC36B3XH1          | 36,000                         | Note 1             | 1250         | 65            | 26 1/2              | x | 17 1/2 | x | 21 1/2 |  | 16 3/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC36C3XH1          | 36,000                         | Note 1             | 1250         | 65            | 26 1/2              | x | 21     | x | 21 1/2 |  | 19 7/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC37A3XH1          | 37,000                         | Note 1             | 1200         | 63            | 26 1/2              | x | 14 1/2 | x | 21 1/2 |  | 13 3/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC42B3XH1          | 42,000                         | Note 1             | 1400         | 72            | 32                  | x | 17 1/2 | x | 21 1/2 |  | 16 3/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC42C3XH1          | 42,000                         | Note 1             | 1400         | 72            | 32                  | x | 21     | x | 21 1/2 |  | 19 7/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC43B3XH1          | 43,000                         | Note 1             | 1400         | 73            | 26 1/2              | x | 17 1/2 | x | 21 1/2 |  | 16 3/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC43C3XH1          | 43,000                         | Note 1             | 1400         | 75            | 26 1/2              | x | 21     | x | 21 1/2 |  | 19 7/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC48C3XH1          | 48,000                         | Note 1             | 1650         | 82            | 32                  | x | 21     | x | 21 1/2 |  | 19 7/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC48D3XH1          | 48,000                         | Note 1             | 1650         | 82            | 32                  | x | 24 1/2 | x | 21 1/2 |  | 23 3/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC60D3XH1          | 60,000                         | Note 1             | 1825         | 86            | 32                  | x | 24 1/2 | x | 21 1/2 |  | 23 3/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | YES     | YES     | YES            |
| MC62D3XH1          | 60,000                         | Note 1             | 2000         | 98            | 36                  | x | 24 1/2 | x | 21 1/2 |  | 23 3/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | YES     | YES     | YES            |

Note 1: Please reference outdoor unit for metering device.



## Evaporator Coils



### FC

**Cased - Upflow & Downflow Only**

**Warranty:** 10 years parts (registration required)

| Evaporator<br>Coil | Nom. Cap.<br>Cooling<br>(BTUH) | Metering<br>Device | Rated<br>CFM | Wt.<br>(lbs) | Uncrated Dimensions |   |        |   |        |  | Supply Opening |   |        | Refrigerant<br>Line Size |     | Configuration |          |         |         | FULL<br>CASING |
|--------------------|--------------------------------|--------------------|--------------|--------------|---------------------|---|--------|---|--------|--|----------------|---|--------|--------------------------|-----|---------------|----------|---------|---------|----------------|
|                    |                                |                    |              |              |                     |   |        |   |        |  |                |   |        |                          |     | Upflow        | Downflow | Horiz R | Horiz L |                |
|                    |                                |                    |              |              | H                   | x | W      | x | D      |  | W              | x | D      | SL                       | LL  |               |          |         |         |                |
| FC18A3XN1          | 18,000                         | Note 1             | 675          | 42           | 18                  | x | 14 1/2 | x | 21 1/2 |  | 13 3/8         | x | 20 3/8 | 3/4                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC18B3XN1          | 18,000                         | Note 1             | 675          | 44           | 18                  | x | 17 1/2 | x | 21 1/2 |  | 16 3/8         | x | 20 3/8 | 3/4                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC24A3XN1          | 24,000                         | Note 1             | 850          | 46           | 22                  | x | 14 1/2 | x | 21 1/2 |  | 13 3/8         | x | 20 3/8 | 3/4                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC24B3XN1          | 24,000                         | Note 1             | 850          | 50           | 22                  | x | 17 1/2 | x | 21 1/2 |  | 16 3/8         | x | 20 3/8 | 3/4                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC30A3XN1          | 30,000                         | Note 1             | 1025         | 46           | 22                  | x | 14 1/2 | x | 21 1/2 |  | 13 3/8         | x | 20 3/8 | 3/4                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC30B3XN1          | 30,000                         | Note 1             | 1025         | 50           | 22                  | x | 17 1/2 | x | 21 1/2 |  | 16 3/8         | x | 20 3/8 | 3/4                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC32A3XN1          | 32,000                         | Note 1             | 1025         | 49           | 20                  | x | 14 1/2 | x | 21 1/2 |  | 13 3/8         | x | 20 3/8 | 3/4                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC35B3XN2          | 35,000                         | Note 1             | 1200         | 53           | 20                  | x | 17 1/2 | x | 21 1/2 |  | 16 3/8         | x | 20 3/8 | 3/4                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC35C3XN2          | 35,000                         | Note 1             | 1200         | 55           | 24 1/2              | x | 21     | x | 21 1/2 |  | 19 7/8         | x | 20 3/8 | 3/4                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC36A3XN1          | 36,000                         | Note 1             | 1150         | 51           | 24 1/2              | x | 14 1/2 | x | 21 1/2 |  | 13 3/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC36B3XN1          | 36,000                         | Note 1             | 1250         | 53           | 24 1/2              | x | 17 1/2 | x | 21 1/2 |  | 16 3/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC36C3XN1          | 36,000                         | Note 1             | 1250         | 55           | 24 1/2              | x | 21     | x | 21 1/2 |  | 19 7/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC37A3XN1          | 37,000                         | Note 1             | 1200         | 56           | 24 1/2              | x | 14 1/2 | x | 21 1/2 |  | 13 3/8         | x | 20 3/8 | 3/4                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC42B3XN1          | 42,000                         | Note 1             | 1400         | 62           | 28                  | x | 17 1/2 | x | 21 1/2 |  | 16 3/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC42C3XN1          | 42,000                         | Note 1             | 1400         | 64           | 28                  | x | 21     | x | 21 1/2 |  | 19 7/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC43B3XN1          | 43,000                         | Note 1             | 1400         | 57           | 24 1/2              | x | 17 1/2 | x | 21 1/2 |  | 16 3/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC43C3XN1          | 43,000                         | Note 1             | 1400         | 58           | 24 1/2              | x | 21     | x | 21 1/2 |  | 19 7/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC48C3XN1          | 48,000                         | Note 1             | 1620         | 65           | 28                  | x | 21     | x | 21 1/2 |  | 19 7/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC48D3XN1          | 48,000                         | Note 1             | 1620         | 73           | 28                  | x | 24 1/2 | x | 21 1/2 |  | 23 3/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC60C3XN1          | 60,000                         | Note 1             | 1850         | 65           | 28                  | x | 21     | x | 21 1/2 |  | 19 7/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC60D3XN1          | 60,000                         | Note 1             | 1850         | 78           | 28                  | x | 24 1/2 | x | 21 1/2 |  | 23 3/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC62D3XN1          | 60,000                         | Note 1             | 1850         | 88           | 32                  | x | 24 1/2 | x | 21 1/2 |  | 23 3/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | NO      | NO      | YES            |
| FC64D3XN1          | 60,000                         | Note 1             | 1850         | 88           | 36                  | x | 24 1/2 | x | 21 1/2 |  | 23 3/8         | x | 20 3/8 | 7/8                      | 3/8 | YES           | YES      | NO      | NO      | YES            |

Note 1: Please reference outdoor unit for metering device.



## 80% AFUE GAS FURNACES



### TG8S

**Latitude 80% AFUE Gas Furnace - 33"**

**Multi-Position (Upflow, Downflow, Horiz. L/R)**

**Warranty:** 10 years parts (registration required), 20 years Heat Exchanger

Latitude™

| Model Number   | Nominal CFM | Input BTUH | Output BTUH | AFUE | Flue Size | Overall Dimensions |   |      |   |      | Wt. (lbs) | Max Fuse | Air Temp Rise | Max Outlet Air Temp | Blower HP | Filter Sizes |        |
|----------------|-------------|------------|-------------|------|-----------|--------------------|---|------|---|------|-----------|----------|---------------|---------------------|-----------|--------------|--------|
|                |             |            |             |      |           | H                  | x | W    | x | D    |           |          |               |                     |           | Side         | Bottom |
|                |             |            |             |      |           |                    |   |      |   |      |           |          |               |                     |           |              |        |
| TG8S040A08MP11 | 800         | 40K        | 32K         | 80%  | 4"        | 33                 | x | 14.5 | x | 29.5 | 89        | 10       | 25-55         | 155                 | 1/5       | 16x25        | 14x25  |
| TG8S060A10MP11 | 1,000       | 60K        | 48K         | 80%  | 4"        | 33                 | x | 14.5 | x | 29.5 | 91        | 10       | 25-55         | 155                 | 1/3       | 16x25        | 14x25  |
| TG8S060A12MP11 | 1,200       | 60K        | 48K         | 80%  | 4"        | 33                 | x | 14.5 | x | 29.5 | 94        | 10       | 30-60         | 160                 | 1/3       | 16x25        | 14x25  |
| TG8S080B12MP11 | 1,200       | 80K        | 64K         | 80%  | 4"        | 33                 | x | 17.5 | x | 29.5 | 103       | 10       | 35-65         | 165                 | 1/3       | 16x25        | 16x25  |
| TG8S080C16MP11 | 1,600       | 80K        | 64K         | 80%  | 4"        | 33                 | x | 21.0 | x | 29.5 | 114       | 15       | 25-55         | 155                 | 1/2       | 16x25        | 20x25  |
| TG8S080C22MP11 | 2,200       | 80K        | 64K         | 80%  | 4"        | 33                 | x | 21.0 | x | 29.5 | 119       | 20       | 25-55         | 155                 | 1         | (2) 16x25    | 20x25  |
| TG8S100B12MP11 | 1,200       | 100K       | 80K         | 80%  | 4"        | 33                 | x | 17.5 | x | 29.5 | 108       | 10       | 40-70         | 170                 | 1/3       | 16x25        | 16x25  |
| TG8S100C16MP11 | 1,600       | 100K       | 80K         | 80%  | 4"        | 33                 | x | 21.0 | x | 29.5 | 118       | 15       | 35-65         | 165                 | 1/2       | 16x25        | 20x25  |
| TG8S100C20MP11 | 2,000       | 100K       | 80K         | 80%  | 4"        | 33                 | x | 21.0 | x | 29.5 | 122       | 20       | 25-55         | 155                 | 1         | (2) 16x25    | 20x25  |
| TG8S120C16MP11 | 1,600       | 120K       | 96K         | 80%  | 4"        | 33                 | x | 21.0 | x | 29.5 | 123       | 15       | 40-70         | 170                 | 1/2       | 16x25        | 20x25  |
| TG8S120C20MP11 | 2,000       | 120K       | 96K         | 80%  | 4"        | 33                 | x | 21.0 | x | 29.5 | 129       | 20       | 30-60         | 160                 | 1         | (2) 16x25    | 20x25  |
| TG8S130D20MP11 | 2,000       | 130K       | 104K        | 80%  | 4"        | 33                 | x | 24.5 | x | 29.5 | 135       | 20       | 35-65         | 165                 | 1         | (2) 16x25    | 22x25  |

**NOTE:** Do not exceed 1800 CFM using a single side return and a 16x25 filter. For CFM greater than 1800 you may use two side returns or one side and the bottom or one return with a transition to allow use of a 20x25 filter.



### TM8X

**Latitude "LX" 80% AFUE Gas Furnace - 33"**

**X-13 High Efficiency DC Motor, Multi-Position (Upflow, Downflow, Horiz. L/R)**

**Warranty:** 10 years parts (registration required), 20 years Heat Exchanger

LXseries

| Model Number   | Nominal CFM | Input BTUH | Output BTUH | AFUE  | Flue Size Intake / Vent | Overall Dimensions |   |      |   |       | Wt. (.lbs) | Max Fuse | Air Temp Rise | Max Outlet Air Temp | Blower HP | Filter Sizes |        |
|----------------|-------------|------------|-------------|-------|-------------------------|--------------------|---|------|---|-------|------------|----------|---------------|---------------------|-----------|--------------|--------|
|                |             |            |             |       |                         | H                  | x | W    | x | D     |            |          |               |                     |           | Side         | Bottom |
| TM8X060A12MP11 | 1,200       | 60K        | 48K         | 80.0% | 4"                      | 33                 | x | 14.5 | x | 29.50 | 94         | 15       | 30-60         | 160                 | 1/2       | 16x25        | 14x25  |
| TM8X080B12MP11 | 1,200       | 80K        | 64K         | 80.0% | 4"                      | 33                 | x | 17.5 | x | 29.50 | 103        | 15       | 35-65         | 165                 | 1/2       | 16x25        | 16x25  |
| TM8X080C16MP11 | 1,600       | 80K        | 64K         | 80.0% | 4"                      | 33                 | x | 21.0 | x | 29.50 | 114        | 15       | 25-55         | 155                 | 1/2       | 16x25        | 20x25  |
| TM8X100C16MP11 | 1,600       | 100K       | 80K         | 80.0% | 4"                      | 33                 | x | 21.0 | x | 29.50 | 118        | 15       | 35-65         | 165                 | 1/2       | 16x25        | 20x25  |
| TM8X100C20MP11 | 2,000       | 100K       | 80K         | 80.0% | 4"                      | 33                 | x | 21.0 | x | 29.50 | 122        | 15       | 25-55         | 155                 | 3/4       | (2) 16x25    | 20x25  |
| TM8X120C20MP11 | 2,000       | 120K       | 96K         | 80.0% | 4"                      | 33                 | x | 21.0 | x | 29.50 | 129        | 15       | 35-65         | 165                 | 3/4       | (2) 16x25    | 20x25  |

**NOTE:** Do not exceed 1800 CFM using a single side return and a 16x25 filter. For CFM greater than 1800 you may use two side returns or one side and the bottom or one return with a transition to allow use of a 20x25 filter.



## 80% AFUE GAS FURNACES



### TM8V

#### Latitude "LX" 80% AFUE Gas Furnace - 33"

ECM Variable Speed Motor, Two Stage, Multi-Position (Upflow, Downflow, Horiz. L/R)

Warranty: 10 years parts (registration required), 20 years Heat Exchanger



| Model Number   | Nominal CFM | Input BTUH | Output BTUH | AFUE  | Flue Size Intake / Vent | Overall Dimensions |   |      |   |       | Wt. (lbs) | Max Fuse | Air Temp Rise | Max Outlet Air Temp | Blower HP | Filter Sizes |        |
|----------------|-------------|------------|-------------|-------|-------------------------|--------------------|---|------|---|-------|-----------|----------|---------------|---------------------|-----------|--------------|--------|
|                |             |            |             |       |                         | H                  | x | W    | x | D     |           |          |               |                     |           | Side         | Bottom |
| TM8V060A12MP11 | 1,200       | 60K        | 47K         | 80.0% | 4"                      | 33                 | x | 14.5 | x | 29.50 | 94        | 10       | 30-60         | 160                 | 1/2       | 16x25        | 14x25  |
| TM8V080B12MP11 | 1,200       | 80K        | 63K         | 80.0% | 4"                      | 33                 | x | 17.5 | x | 29.50 | 103       | 10       | 30-60         | 160                 | 1/2       | 16x25        | 16x25  |
| TM8V080C16MP11 | 1,600       | 80K        | 63K         | 80.0% | 4"                      | 33                 | x | 21.0 | x | 29.50 | 114       | 15       | 30-60         | 160                 | 3/4       | 16x25        | 20x25  |
| TM8V100C16MP11 | 1,600       | 100K       | 80K         | 80.0% | 4"                      | 33                 | x | 21.0 | x | 29.50 | 118       | 15       | 30-60         | 160                 | 3/4       | 16x25        | 20x25  |
| TM8V100C20MP11 | 2,000       | 100K       | 80K         | 80.0% | 4"                      | 33                 | x | 21.0 | x | 29.50 | 122       | 20       | 30-60         | 160                 | 1         | (2) 16x25    | 20x25  |
| TM8V120C20MP11 | 2,000       | 120K       | 96K         | 80.0% | 4"                      | 33                 | x | 21.0 | x | 29.50 | 129       | 20       | 30-60         | 160                 | 1         | (2) 16x25    | 20x25  |

**NOTE:** Do not exceed 1800 CFM using a single side return and a 16x25 filter. For CFM greater than 1800 you may use two side returns or one side and the bottom or one return with a transition to allow use of a 20x25 filter.



### YPLC

#### Affinity 80% AFUE Gas Furnace - 33"

Modulating (ECM Motor), Multi-Position (upflow, downflow, horiz. L/R)

Warranty: 10 years parts (registration required), Limited Lifetime Heat Exchanger



| Model Number   | Nominal CFM | Input BTUH |    | Output BTUH |    | AFUE | Flue Size Intake / Vent | Overall Dimensions |   |      |   |       | Wt. (lbs) | Max Fuse | Air Temp Rise | Max Outlet Air Temp | Blower HP | Filter Sizes |        |
|----------------|-------------|------------|----|-------------|----|------|-------------------------|--------------------|---|------|---|-------|-----------|----------|---------------|---------------------|-----------|--------------|--------|
|                |             |            |    |             |    |      |                         | H                  | x | W    | x | D     |           |          |               |                     |           | Side         | Bottom |
| YPLC060A12MP11 | 1,200       | 60         | 30 | 47          | 24 | 80%  | 4"                      | 33                 | x | 14.5 | x | 30.25 | 94        | 15       | 30-60         | 160                 | 1/2       | 16x25        | 14x25  |
| YPLC080B12MP11 | 1,200       | 80         | 40 | 62          | 32 | 80%  | 4"                      | 33                 | x | 17.5 | x | 30.25 | 103       | 15       | 40-70         | 170                 | 1/2       | 16x25        | 16x25  |
| YPLC080C16MP11 | 1,600       | 80         | 40 | 62          | 32 | 80%  | 4"                      | 33                 | x | 21.0 | x | 30.25 | 114       | 15       | 35-65         | 165                 | 3/4       | 16x25        | 20x25  |
| YPLC100C16MP11 | 1,600       | 100        | 50 | 78          | 40 | 80%  | 4"                      | 33                 | x | 21.0 | x | 30.25 | 118       | 15       | 35-65         | 165                 | 3/4       | 16x25        | 20x25  |
| YPLC100C20MP11 | 2,000       | 100        | 50 | 78          | 40 | 80%  | 4"                      | 33                 | x | 21.0 | x | 30.25 | 122       | 20       | 35-65         | 165                 | 1         | (2) 16x25    | 20x25  |
| YPLC120C20MP11 | 2,000       | 120        | 60 | 95          | 48 | 80%  | 4"                      | 33                 | x | 21.0 | x | 30.25 | 129       | 20       | 45-75         | 175                 | 1         | (2) 16x25    | 20x25  |

**NOTE:** Do not exceed 1800 CFM using a single side return and a 16x25 filter. For CFM greater than 1800 you may use two side returns or one side and the bottom or one return with a transition to allow use of a 20x25 filter.



## 95% - 98% AFUE CONDENSING GAS FURNACES



### TG9S

**Latitude 95.5% AFUE Gas Furnace - 33"**  
**Multi-Position (Upflow, Downflow, Horiz. L/R)**

Latitude™

**Warranty:** 10 years parts (registration required), Limited Lifetime Heat Exchanger

| Model Number   | Nominal CFM | Input BTUH | Output BTUH | AFUE  | Flue Size Intake / Vent | Overall Dimensions |   |      |   |      | Wt. (lbs) | Max Fuse | Air Temp Rise | Max Outlet Air Temp | Blower HP | Filter Sizes |        |
|----------------|-------------|------------|-------------|-------|-------------------------|--------------------|---|------|---|------|-----------|----------|---------------|---------------------|-----------|--------------|--------|
|                |             |            |             |       |                         | H                  | x | W    | x | D    |           |          |               |                     |           | Side         | Bottom |
| TG9S040A08MP11 | 800         | 40K        | 38K         | 95.5% | 2"½"                    | 33                 | x | 14.5 | x | 29.5 | 113       | 15       | 30-60         | 160                 | 1/3       | 16x25        | 14x25  |
| TG9S060A10MP11 | 1,000       | 60K        | 57K         | 95.5% | 2"½"                    | 33                 | x | 14.5 | x | 29.5 | 118       | 15       | 30-60         | 160                 | 1/2       | 16x25        | 14x25  |
| TG9S060B12MP11 | 1,200       | 60K        | 57K         | 95.5% | 2"½"                    | 33                 | x | 17.5 | x | 29.5 | 122       | 15       | 30-60         | 160                 | 1/2       | 16x25        | 16x25  |
| TG9S080B12MP11 | 1,200       | 80K        | 76K         | 95.5% | 2"½"                    | 33                 | x | 17.5 | x | 29.5 | 126       | 15       | 35-65         | 165                 | 1/2       | 16x25        | 16x25  |
| TG9S080C16MP11 | 1,600       | 80K        | 76K         | 95.5% | 2"½"                    | 33                 | x | 21.0 | x | 29.5 | 136       | 15       | 35-65         | 165                 | ¾         | 16x25        | 20x25  |
| TG9S080C22MP11 | 2,200       | 80K        | 76K         | 95.5% | 2"½"                    | 33                 | x | 21.0 | x | 29.5 | 139       | 20       | 35-65         | 165                 | 1         | (2) 16x25    | 20x25  |
| TG9S100C16MP11 | 1,600       | 100K       | 95K         | 95.5% | 2"½"                    | 33                 | x | 21.0 | x | 29.5 | 142       | 15       | 35-65         | 165                 | ¾         | 16x25        | 20x25  |
| TG9S100C20MP11 | 2,000       | 100K       | 95K         | 95.5% | 2"½"                    | 33                 | x | 21.0 | x | 29.5 | 145       | 20       | 35-65         | 165                 | 1         | (2) 16x25    | 20x25  |
| TG9S120D16MP11 | 1,600       | 120K       | 114K        | 95.5% | 3"½"                    | 33                 | x | 24.5 | x | 29.5 | 153       | 15       | 40-70         | 170                 | ¾         | (2) 16x25    | 22x25  |
| TG9S120D20MP11 | 2,000       | 120K       | 114K        | 95.5% | 3"½"                    | 33                 | x | 24.5 | x | 29.5 | 156       | 20       | 35-65         | 165                 | 1         | (2) 16x25    | 22x25  |
| TG9S130D20MP11 | 2,000       | 130K       | 123.5K      | 95.5% | 3"½"                    | 33                 | x | 24.5 | x | 29.5 | 160       | 20       | 45-75         | 175                 | 1         | (2) 16x25    | 22x25  |

**NOTE:** Do not exceed 1800 CFM using a single side return and a 16x25 filter. For CFM greater than 1800 you may use two side returns or one side and the bottom or one return with a transition to allow use of a 20x25 filter.



### TM9X

**Latitude "LX" 95.5% AFUE Gas Furnace - 33"**  
**X-13 High Efficiency DC Motor, Multi-Position (Upflow, Downflow, Horiz. L/R)**

LXseries

**Warranty:** 10 years parts (registration required), Limited Lifetime Heat Exchanger

| Model<br>Number | Nominal<br>CFM | Input<br>BTUH | Output<br>BTUH | AFUE  | Flue Size<br>Intake /<br>Vent | Overall<br>Dimensions |   |      |   | Wt.<br>(.lbs) | Max<br>Fuse | Air<br>Temp<br>Rise | Max<br>Outlet<br>Air<br>Temp | Blower<br>HP | Filter Sizes |           |        |
|-----------------|----------------|---------------|----------------|-------|-------------------------------|-----------------------|---|------|---|---------------|-------------|---------------------|------------------------------|--------------|--------------|-----------|--------|
|                 |                |               |                |       |                               | H                     | x | W    | x |               |             |                     |                              |              | D            | Side      | Bottom |
| TM9X040A10MP11  | 1,000          | 40K           | 38K            | 95.5% | 2"½"                          | 33                    | x | 14.5 | x | 29.50         | 113         | 15                  | 30-60                        | 180          | 1/2          | 16x25     | 14X25  |
| TM9X060B12MP11  | 1,200          | 60K           | 57K            | 95.5% | 2"½"                          | 33                    | x | 17.5 | x | 29.50         | 122         | 15                  | 30-60                        | 180          | 1/2          | 16x25     | 16x25  |
| TM9X080B12MP11  | 1,200          | 80K           | 76K            | 95.5% | 2"½"                          | 33                    | x | 17.5 | x | 29.50         | 126         | 15                  | 40-70                        | 170          | 1/2          | 16x25     | 16x25  |
| TM9X080C16MP11  | 1,600          | 80K           | 76K            | 95.5% | 2"½"                          | 33                    | x | 21.0 | x | 29.50         | 136         | 15                  | 35-65                        | 165          | 1/2          | 16x25     | 20x25  |
| TM9X100C16MP11  | 1,600          | 100K          | 95K            | 95.5% | 2"½"                          | 33                    | x | 21.0 | x | 29.50         | 142         | 15                  | 40-70                        | 170          | 1/2          | 16x25     | 20x25  |
| TM9X100C20MP11  | 2,000          | 100K          | 95K            | 95.5% | 2"½"                          | 33                    | x | 21.0 | x | 29.50         | 145         | 15                  | 35-65                        | 165          | ¾            | (2) 16x25 | 20x25  |
| TM9X120D20MP11  | 2,000          | 120K          | 114K           | 95.5% | 3"½"                          | 33                    | x | 24.5 | x | 29.50         | 156         | 15                  | 45-75                        | 175          | ¾            | (2) 16x25 | 22x25  |

**NOTE:** Do not exceed 1800 CFM using a single side return and a 16x25 filter. For CFM greater than 1800 you may use two side returns or one side and the bottom or one return with a transition to allow use of a 20x25 filter.



### TM9V

Latitude "LX" 96% AFUE Gas Furnace - 33"

ECM Variable Speed Motor, Two Stage, Multi-Position (Upflow, Downflow, Horiz. L/R)

Warranty: 10 years parts (registration required), Limited Lifetime Heat Exchanger

**LXseries**

| Model Number   | Nominal CFM | Input BTUH |    | Output BTUH |    | AFUE  | Flue Size Intake / Vent | Overall Dimensions |   |      |   |       | Wt. (.lbs) | Max Fuse | Air Temp Rise | Max Outlet Air Temp | Blower HP | Filter Sizes |        |
|----------------|-------------|------------|----|-------------|----|-------|-------------------------|--------------------|---|------|---|-------|------------|----------|---------------|---------------------|-----------|--------------|--------|
|                |             |            |    |             |    |       |                         | H                  | x | W    | x | D     |            |          |               |                     |           | Side         | Bottom |
| TM9V040A10MP11 | 1,000       | 40         | 26 | 38          | 25 | 96.0% | 2"/2"                   | 33                 | x | 14.5 | x | 29.50 | 113        | 15       | 30-60         | 180                 | 1/2       | 16x25        | 14X25  |
| TM9V060B12MP11 | 1,200       | 60         | 39 | 58          | 37 | 96.0% | 2"/2"                   | 33                 | x | 17.5 | x | 29.50 | 122        | 15       | 35-65         | 180                 | 1/2       | 16x25        | 16x25  |
| TM9V080B12MP11 | 1,200       | 80         | 52 | 77          | 50 | 96.0% | 2"/2"                   | 33                 | x | 17.5 | x | 29.50 | 126        | 15       | 40-70         | 175                 | 1/2       | 16x25        | 16x25  |
| TM9V080C16MP11 | 1,600       | 80         | 52 | 77          | 50 | 96.0% | 2"/2"                   | 33                 | x | 21.0 | x | 29.50 | 136        | 15       | 35-65         | 165                 | 3/4       | 16x25        | 20x25  |
| TM9V100C16MP11 | 1,600       | 100        | 65 | 96          | 62 | 96.0% | 2"/2"                   | 33                 | x | 21.0 | x | 29.50 | 142        | 15       | 35-65         | 180                 | 3/4       | 16x25        | 20x25  |
| TM9V100C20MP11 | 2,000       | 100        | 65 | 96          | 62 | 96.0% | 2"/2"                   | 33                 | x | 21.0 | x | 29.50 | 145        | 20       | 35-65         | 170                 | 1         | (2) 16x25    | 20x25  |
| TM9V120D20MP11 | 2,000       | 120        | 78 | 115         | 75 | 96.0% | 3"/2"                   | 33                 | x | 24.5 | x | 29.50 | 156        | 20       | 35-65         | 180                 | 1         | (2) 16x25    | 22x25  |

**NOTE:** Do not exceed 1800 CFM using a single side return and a 16x25 filter. For CFM greater than 1800 you may use two side returns or one side and the bottom or one return with a transition to allow use of a 20x25 filter.



### YP9C

Latitude 98% AFUE Gas Furnace - 33"

Modulating (ECM Motor), Multi-Position (Upflow, Downflow, Horiz. L/R)

Warranty: 10 years parts (registration required), Limited Lifetime Heat Exchanger

**affinity™  
SERIES**

| Model Number   | Nominal CFM | Input BTUH |    | Output BTUH |    | AFUE  | Flue Size Intake / Vent | Overall Dimensions |   |      |   |       | Wt. (lbs) | Max Fuse | Air Temp Rise | Outlet Air Temp | Blower HP | Filter Sizes |        |
|----------------|-------------|------------|----|-------------|----|-------|-------------------------|--------------------|---|------|---|-------|-----------|----------|---------------|-----------------|-----------|--------------|--------|
|                |             |            |    |             |    |       |                         | H                  | x | W    | x | D     |           |          |               |                 |           | Side         | Bottom |
| YP9C060B12MP11 | 1,200       | 60         | 21 | 58          | 20 | 97.5% | 2"/2"                   | 33                 | x | 17.5 | x | 30.25 | 113       | 15       | 40-70         | 170             | 1/2       | 16x25        | 16x25  |
| YP9C080B12MP11 | 1,200       | 80         | 28 | 77          | 27 | 97.5% | 2"/2"                   | 33                 | x | 17.5 | x | 30.25 | 119       | 15       | 40-70         | 175             | 1/2       | 16x25        | 16x25  |
| YP9C080C16MP11 | 1,600       | 80         | 28 | 78          | 27 | 97.7% | 2"/2"                   | 33                 | x | 21.0 | x | 30.25 | 134       | 15       | 40-70         | 175             | 3/4       | 16x25        | 20x25  |
| YP9C100C16MP11 | 1,600       | 100        | 35 | 97          | 34 | 97.7% | 2"/2"                   | 33                 | x | 21.0 | x | 30.25 | 140       | 15       | 40-70         | 175             | 3/4       | 16x25        | 20x25  |
| YP9C100C20MP11 | 2,000       | 100        | 35 | 97          | 34 | 97.7% | 2"/2"                   | 33                 | x | 21.0 | x | 30.25 | 143       | 20       | 45-75         | 180             | 1         | (2) 16x25    | 20x25  |
| YP9C120D20MP11 | 2,000       | 120        | 42 | 116         | 40 | 98.0% | 3"/2"                   | 33                 | x | 24.5 | x | 30.25 | 152       | 20       | 45-75         | 180             | 1         | (2) 16x25    | 22x25  |

**NOTE:** Do not exceed 1800 CFM using a single side return and a 16x25 filter. For CFM greater than 1800 you may use two side returns or one side and the bottom or one return with a transition to allow use of a 20x25 filter.



# York Gas Packs



## DNZ

### Affinity Single Packaged Gas/Electric

SEER: 13.0

Refrigerant: R-410a

Warranty: 10 years parts (registration required)

10 years Compressor / 20 years Heat Exchanger

**affinity™**  
**SERIES**

| Model Number | Voltage / Phase | SEER / EER  | AFUE | Nom CFM | Nom. Cap. Cooling (BTUH) | Heating |        | Stages<br>Cool/Heat | Dimensions |   |        |   |        | Wt. (lbs) | Max Fuse | Sound Rating | Blower Type (X-13) |
|--------------|-----------------|-------------|------|---------|--------------------------|---------|--------|---------------------|------------|---|--------|---|--------|-----------|----------|--------------|--------------------|
|              |                 |             |      |         |                          | Input   | Output |                     | H          | x | W      | x | D      |           |          |              |                    |
| DNZ024N03606 | 208/230/1       | 13.2 / 11.6 | 80%  | 850     | 24,000                   | 45      | 36     | 1/1                 | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 378       | 25       | 77           | L-ML-M-MH-H        |
| DNZ024N05606 | 208/230/1       | 13.2 / 11.6 | 80%  | 850     | 24,000                   | 70      | 56     | 1/1                 | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 378       | 25       | 77           | L-ML-M-MH-H        |
| DNZ024D05606 | 208/230/1       | 13.2 / 11.6 | 80%  | 850     | 24000                    | 70/46   | 56/36  | 1/2                 | 34 1/2     | x | 49 1/8 | x | 47 1/4 | 378       | 25       | 77           | L-ML-M-MH-H        |
| DNZ030N03606 | 208/230/1       | 13.2 / 11.5 | 80%  | 940     | 30,000                   | 45      | 36     | 1/1                 | 33 1/2     | x | 49 1/8 | x | 47 1/2 | 398       | 30       | 74           | L-ML-M-MH-H        |
| DNZ030N05606 | 208/230/1       | 13.2 / 11.5 | 80%  | 940     | 30,000                   | 70      | 56     | 1/1                 | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 398       | 30       | 74           | L-ML-M-MH-H        |
| DNZ030D05606 | 208/230/1       | 13.2 / 11.5 | 80%  | 940     | 30000                    | 70/46   | 56/36  | 1/2                 | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 398       | 30       | 74           | L-ML-M-MH-H        |
| DNZ036N03606 | 208/230/1       | 13.2 / 11.1 | 80%  | 1200    | 34,200                   | 45      | 36     | 1/1                 | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 402       | 35       | 74           | L-ML-M-MH-H        |
| DNZ036N05606 | 208/230/1       | 13.2 / 11.1 | 80%  | 1200    | 34,200                   | 70      | 56     | 1/1                 | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 402       | 35       | 74           | L-ML-M-MH-H        |
| DNZ036D05606 | 208/230/1       | 13.2 / 11.1 | 80%  | 1200    | 34,200                   | 70/46   | 56/36  | 1/2                 | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 402       | 35       | 74           | L-ML-M-MH-H        |
| DNZ036N07206 | 208/230/1       | 13.2 / 11.1 | 80%  | 1200    | 34,200                   | 90      | 72     | 1/1                 | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 402       | 35       | 74           | L-ML-M-MH-H        |
| DNZ036D07206 | 208/230/1       | 13.2 / 11.1 | 80%  | 1200    | 34200                    | 90/59   | 72/47  | 1/2                 | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 402       | 35       | 74           | L-ML-M-MH-H        |
| DNZ042N06506 | 208/230/1       | 13.4 / 11.6 | 80%  | 1300    | 41,500                   | 80      | 64     | 1/1                 | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 460       | 35       | 79           | L-ML-M-MH-H        |
| DNZ042N09006 | 208/230/1       | 13.4 / 11.6 | 80%  | 1300    | 41,500                   | 108     | 86     | 1/1                 | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 460       | 35       | 79           | L-ML-M-MH-H        |
| DNZ042D09006 | 208/230/1       | 13.4 / 11.6 | 80%  | 1300    | 41,500                   | 108/70  | 87/56  | 1/2                 | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 460       | 35       | 79           | L-ML-M-MH-H        |
| DNZ048N06506 | 208/230/1       | 13.4 / 11.6 | 80%  | 1540    | 48,000                   | 80      | 64     | 1/1                 | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 465       | 45       | 79           | L-ML-M-MH-H        |
| DNZ048N09006 | 208/230/1       | 13.4 / 11.6 | 80%  | 1540    | 48,000                   | 108     | 87     | 1/1                 | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 465       | 45       | 79           | L-ML-M-MH-H        |
| DNZ048D09006 | 208/230/1       | 13.4 / 11.6 | 80%  | 1540    | 48000                    | 108/70  | 87/56  | 1/2                 | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 465       | 45       | 79           | L-ML-M-MH-H        |
| DNZ048N11006 | 208/230/1       | 13.4 / 11.6 | 80%  | 1540    | 48,000                   | 135     | 108    | 1/1                 | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 465       | 45       | 79           | L-ML-M-MH-H        |
| DNZ048D11006 | 208/230/1       | 13.4 / 11.6 | 80%  | 1540    | 48000                    | 135/88  | 108/70 | 1/2                 | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 465       | 45       | 79           | L-ML-M-MH-H        |
| DNZ060N06506 | 208/230/1       | 13 / 10.9   | 80%  | 1600    | 57,500                   | 80      | 64     | 1/1                 | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 480       | 60       | 80           | L-ML-M-MH-H        |
| DNZ060N09006 | 208/230/1       | 13 / 10.9   | 80%  | 1600    | 57,500                   | 108     | 87     | 1/1                 | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 480       | 60       | 80           | L-ML-M-MH-H        |
| DNZ060D09006 | 208/230/1       | 13 / 10.9   | 80%  | 1600    | 57,500                   | 108/70  | 87/56  | 1/2                 | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 480       | 60       | 80           | L-ML-M-MH-H        |
| DNZ060N11006 | 208/230/1       | 13 / 10.9   | 80%  | 1600    | 57,500                   | 135     | 107    | 1/1                 | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 480       | 60       | 80           | L-ML-M-MH-H        |
| DNZ060D11006 | 208/230/1       | 13 / 10.9   | 80%  | 1600    | 57500                    | 135/88  | 108/70 | 1/2                 | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 480       | 60       | 80           | L-ML-M-MH-H        |

Designates 2 Stage Heating Models



# York Gas Packs



## DNQ

### Affinity Single Packaged Gas/Electric

Scroll Compressor

SEER: 14.0

Refrigerant: R-410a

Warranty: 10 years parts (registration required)

10 years Compressor / 20 years Heat Exchanger

**affinity™**  
SERIES

| Model Number | Voltage / Phase | SEER / EER | AFUE | Nom CFM | Nom. Cap. Cooling (BTUH) | Heating  |          | Stages Cool/Heat | Dimensions |   |        |   |        | Wt. (.lbs) | Max Fuse | Sound Rating | Blower Type |
|--------------|-----------------|------------|------|---------|--------------------------|----------|----------|------------------|------------|---|--------|---|--------|------------|----------|--------------|-------------|
|              |                 |            |      |         |                          | Input    | Output   |                  | H          | x | W      | x | D      |            |          |              |             |
| DNQ024D05606 | 208/230/1       | 14 / 12    | 80%  | 800     | 23,500                   | 70/45.5  | 56/36.4  | 1/2              | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 390        | 20       | 80           | Variable Sp |
| DNQ030D05606 | 208/230/1       | 14 / 12    | 80%  | 900     | 29,000                   | 70/45.5  | 56/36.4  | 1/2              | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 425        | 35       | 74           | Variable Sp |
| DNQ036D05606 | 208/230/1       | 14 / 12    | 80%  | 1100    | 34,500                   | 70/45.5  | 56/36.4  | 1/2              | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 430        | 35       | 80           | Variable Sp |
| DNQ036D07206 | 208/230/1       | 14 / 12    | 80%  | 1100    | 34,500                   | 90/58.5  | 72/46.8  | 1/2              | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 430        | 35       | 80           | Variable Sp |
| DNQ042D09006 | 208/230/1       | 14 / 12    | 80%  | 1400    | 42,000                   | 108/70.2 | 87/56.2  | 1/2              | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 485        | 50       | 79           | Variable Sp |
| DNQ048D09006 | 208/230/1       | 14 / 12    | 80%  | 1500    | 48,000                   | 108/70.2 | 87/56.2  | 1/2              | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 490        | 45       | 80           | Variable Sp |
| DNQ048D11006 | 208/230/1       | 14 / 12    | 80%  | 1500    | 48,000                   | 135/87.8 | 108/70.2 | 1/2              | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 490        | 45       | 80           | Variable Sp |
| DNQ060D09006 | 208/230/1       | 14 / 12    | 80%  | 1550    | 55,000                   | 108/70.2 | 87/56.2  | 1/2              | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 530        | 60       | 81           | Variable Sp |
| DNQ060D11006 | 208/230/1       | 14 / 12    | 80%  | 1550    | 55,000                   | 135/87.8 | 108/70.2 | 1/2              | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 530        | 60       | 81           | Variable Sp |



## DNX

### Affinity Single Packaged Gas/Electric

2 Speed Scroll Compressor

SEER: UP TO 16.5

Refrigerant: R-410a

Warranty: 10 years parts (registration required)

10 years Compressor / 20 years Heat Exchanger

**affinity™**  
SERIES

| Model Number | Voltage / Phase | SEER / EER  | AFUE | Nom CFM | Nom. Cap. Cooling | Heating |        | Stages Cool/Heat | Dimensions |   |        |   |        | Wt. (.lbs) | Max Fuse | Sound Rating | Blower Type  |
|--------------|-----------------|-------------|------|---------|-------------------|---------|--------|------------------|------------|---|--------|---|--------|------------|----------|--------------|--------------|
|              |                 |             |      |         |                   | Input   | Output |                  | H          | x | W      | x | D      |            |          |              |              |
| DNX024D05606 | 208/230/1       | 15 / 11.5   | 80%  | 800     | 24,000            | 70/46   | 56/36  | 2/2              | 34 1/2     | x | 49 1/8 | x | 47 1/4 | 440        | 25       | 80           | Variable Sp. |
| DNX036D09006 | 208/230/1       | 16.5 / 12.3 | 80%  | 1275    | 37,000            | 108/70  | 87/56  | 2/2              | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 480        | 40       | 80           | Variable Sp. |
| DNX048D09006 | 208/230/1       | 15 / 11.2   | 80%  | 1550    | 48,000            | 108/70  | 87/56  | 2/2              | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 500        | 45       | 81           | Variable Sp. |
| DNX048D11006 | 208/230/1       | 15 / 11.2   | 80%  | 1550    | 48,000            | 135/88  | 108/70 | 2/2              | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 500        | 45       | 81           | Variable Sp. |



# York Package Heat Pumps



## BHZ

### Affinity Single Packaged Heat Pump

Scroll Compressor

SEER: 13.0

Refrigerant: R-410a

Warranty: 10 years parts (registration required)  
10 years Compressor

**affinity™**  
**SERIES**

| Model Number | Voltage / Phase | SEER / HSPF | EER   | Nom CFM | Nom. Cap. Cooling (BTUH) | Heating |        | Stages Cool/Heat at | Dimensions |   |        |   |        | Wt. (.lbs) | *Max Fuse | Sound Rating | Blower Type (X-13) |
|--------------|-----------------|-------------|-------|---------|--------------------------|---------|--------|---------------------|------------|---|--------|---|--------|------------|-----------|--------------|--------------------|
|              |                 |             |       |         |                          | @ 47F   | @ 17F  |                     | H          | x | W      | x | D      |            |           |              |                    |
| BHZ024A06    | 208/230/1       | 13 / 7.7    | 11.4  | 800     | 22,800                   | 22,200  | 11,500 | 1/1                 | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 350        | 30        | 77           | L-ML-M-MH-H        |
| BHZ030A06    | 208/230/1       | 13 / 7.7    | 11.3  | 950     | 29,200                   | 27,800  | 14,600 | 1/1                 | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 350        | 30        | 77           | L-ML-M-MH-H        |
| BHZ036A06    | 208/230/1       | 13 / 7.7    | 11    | 1100    | 33,600                   | 32,800  | 19,200 | 1/1                 | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 385        | 35        | 78           | L-ML-M-MH-H        |
| BHZ042A06    | 208/230/1       | 13 / 7.7    | 11.25 | 1400    | 40,500                   | 40,000  | 23,200 | 1/1                 | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 435        | 40        | 77           | L-ML-M-MH-H        |
| BHZ048A06    | 208/230/1       | 13 / 7.7    | 10.65 | 1450    | 45,500                   | 45,500  | 27,400 | 1/1                 | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 480        | 45        | 78           | L-ML-M-MH-H        |
| BHZ060A06    | 208/230/1       | 13 / 7.7    | 11    | 1550    | 56,000                   | 56,000  | 33,000 | 1/1                 | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 490        | 60        | 85           | L-ML-M-MH-H        |



## BHQ

### Affinity Single Packaged Heat Pump

Scroll Compressor

SEER: 14.0

Refrigerant: R-410a

Warranty: 10 years parts (registration required)  
10 years Compressor

**affinity™**  
**SERIES**

| Model Number | Voltage / Phase | SEER / HSPF | EER | Nom CFM | Nom. Cap. Cooling | Heating |        | Stages Cool/Heat | Dimensions |   |        |   |        | Wt. (.lbs) | *Max Fuse | Sound Rating | Blower Type |
|--------------|-----------------|-------------|-----|---------|-------------------|---------|--------|------------------|------------|---|--------|---|--------|------------|-----------|--------------|-------------|
|              |                 |             |     |         |                   | @ 47F   | @ 17F  |                  | H          | x | W      | x | D      |            |           |              |             |
| BHQ024A06    | 208/230/1       | 14 / 8      | 12  | 800     | 23,000            | 20,000  | 11,100 | 1/1              | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 355        | 30        | 75           | Variable Sp |
| BHQ030A06    | 208/230/1       | 14 / 8      | 12  | 1,050   | 28,600            | 27,300  | 15,500 | 1/1              | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 375        | 30        | 77           | Variable Sp |
| BHQ036A06    | 208/230/1       | 14 / 8      | 12  | 1100    | 35,200            | 33,000  | 18,200 | 1/1              | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 400        | 40        | 79           | Variable Sp |
| BHQ042A06    | 208/230/1       | 14 / 8      | 12  | 1400    | 42,000            | 40,000  | 20,400 | 1/1              | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 420        | 45        | 77           | Variable Sp |
| BHQ048A06    | 208/230/1       | 14 / 8      | 12  | 1400    | 46,500            | 46,000  | 21,800 | 1/1              | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 440        | 50        | 80           | Variable Sp |
| BHQ060A06    | 208/230/1       | 14 / 8      | 12  | 1500    | 54,000            | 53,000  | 29,800 | 1/1              | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 490        | 60        | 80           | Variable Sp |

\* Max Fuse Size does not include optional electric heater.



# York Package Heat Pumps



## BHX

### Affinity Single Packaged Heat Pump

2 Speed Scroll Compressor

SEER: UP TO 16.0

Refrigerant: R-410a

Warranty: 10 years parts (registration required)  
10 years Compressor

**affinity™**  
SERIES

| Model Number | Voltage / Phase | SEER / HSPF | EER  | Nom CFM | Nom. Cap. Cooling (BTUH) | Heating |        | Stages | Dimensions |   |        |   |        | Wt. (.lbs) | *Max Fuse | Sound Rating | Blower Type |
|--------------|-----------------|-------------|------|---------|--------------------------|---------|--------|--------|------------|---|--------|---|--------|------------|-----------|--------------|-------------|
|              |                 |             |      |         |                          | @ 47F   | @ 17F  |        | H          | x | W      | x | D      |            |           |              |             |
| BHX024A06    | 208/230/1       | 16 / 8      | 12   | 800     | 24,400                   | 19,800  | 11,100 | 2/2    | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 350        | 25        | 75           | Variable Sp |
| BHX036A06    | 208/230/1       | 15 / 8      | 11.5 | 1200    | 34,400                   | 33,000  | 18,900 | 2/2    | 33 1/2     | x | 49 1/8 | x | 47 1/4 | 400        | 35        | 79           | Variable Sp |
| BHX048A06    | 208/230/1       | 15 / 8      | 11.3 | 1600    | 47,000                   | 45,000  | 27,200 | 2/2    | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 440        | 45        | 80           | Variable Sp |
| BHX060A06    | 208/230/1       | 14.5 / 8    | 11   | 1700    | 57,000                   | 55,000  | 32,400 | 2/2    | 41 1/2     | x | 49 1/8 | x | 47 1/4 | 460        | 60        | 80           | Variable Sp |

\* Max Fuse Size does not include optional electric heater.



## UQ

### Latitude Single Packaged Heat Pump

1 Speed Scroll Compressor

SEER: 13.0

Refrigerant: R-410a

Warranty: 10 years parts (registration required)  
10 years Compressor

**Latitude™**

| Model Number | Voltage / Phase | SEER / HSPF | EER  | Nom CFM | Nom. Cap. Cooling (BTUH) | Heating |        | Stages | Dimensions |   |          |   |         | Wt. (.lbs) | *Max Fuse | Sound Rating | Blower Type |
|--------------|-----------------|-------------|------|---------|--------------------------|---------|--------|--------|------------|---|----------|---|---------|------------|-----------|--------------|-------------|
|              |                 |             |      |         |                          | @ 47F   | @ 17F  |        | H          | x | W        | x | D       |            |           |              |             |
| UQ024C00A1A  | 208/230/1       | 13 / 7.7    | 11.2 | 900     | 23,200                   | 20,000  | 11,000 | 1/1    | 30 15/16   | x | 32 13/16 | x | 47 1/4  | 325        | 30        | 82           | L-ML-M-MH-H |
| UQ030C00A1A  | 208/230/1       | 13 / 7.7    | 11.2 | 1000    | 28,750                   | 26,500  | 14,800 | 1/1    | 30 15/16   | x | 32 13/16 | x | 47 1/4  | 340        | 30        | 81           | L-ML-M-MH-H |
| UQ036C00A1A  | 208/230/1       | 13 / 7.7    | 11.2 | 1200    | 37,000                   | 32,000  | 18,400 | 1/1    | 30 15/16   | x | 32 13/16 | x | 47 1/4  | 340        | 35        | 81           | L-ML-M-MH-H |
| UQ042C00A1A  | 208/230/1       | 13 / 7.7    | 11.4 | 1450    | 41,404                   | 38,300  | 21,600 | 1/1    | 34 15/16   | x | 32 13/16 | x | 57 9/16 | 372        | 50        | 83           | L-ML-M-MH-H |
| UQ048C00A1A  | 208/230/1       | 13 / 7.7    | 11.6 | 1600    | 48,000                   | 43,000  | 24,400 | 1/1    | 34 15/16   | x | 32 13/16 | x | 57 9/16 | 382        | 45        | 81           | L-ML-M-MH-H |
| UQ060C00A1A  | 208/230/1       | 13 / 7.7    | 10.8 | 1650    | 54,384                   | 50,000  | 29,200 | 1/1    | 34 15/16   | x | 32 13/16 | x | 57 9/16 | 390        | 60        | 82           | L-ML-M-MH-H |

\* Max Fuse Size does not include optional electric heater.



## Residential Warranty

### Residential Product Warranty Condensing Units

|                                        | Parts | Compressor     | Heat Exchanger | DOA Labor |
|----------------------------------------|-------|----------------|----------------|-----------|
| Affinity ** (YZH/YZF/CZH/CZF)          | 5/10† | 10/Lifetime*** | N/A            | 30 Day    |
| Latitude & LX: YH(JR,JD,JF), YC(JD,JF) | 5/10† | 10             | N/A            | 30 Day    |
| Guardian Dry Ship R22: GHGD, GCGD      | 5     | 5              | N/A            | 30 Day    |

### Air Handlers & Coils

|                                            | Parts  | Compressor | Heat Exchanger | DOA Labor |
|--------------------------------------------|--------|------------|----------------|-----------|
| Affinity ** Air Handlers (AVG, MV Modular) | 5/10†  | N/A        | N/A            | 30 Day    |
| LX Air Handlers (AHE, AHR, AHX, MX, MA)    | 5/10†  | N/A        | N/A            | 30 Day    |
| Space Saver AHU's by ADP (AX)              | 5/10*  | N/A        | N/A            | 30 Day    |
| York Coils (MC, FC, PC, UC)                | 5/10†  | N/A        | N/A            | 30 Day    |
| ADP Coils (stocked models)                 | 5/10*  | N/A        | N/A            | 30 Day    |
| Aspen Coils (stocked models)               | 5/10** | N/A        | N/A            | 30 Day    |
| Electric Heater Elements - Single Phase    | 5      | N/A        | N/A            | 30 Day    |

### Furnaces

|                                              | Parts | Compressor | Heat Exchanger | DOA Labor |
|----------------------------------------------|-------|------------|----------------|-----------|
| Affinity ** 97+% & 80% Mod AFUE (YP9C, YPLC) | 5/10† | N/A        | Lifetime       | 30 Day    |
| LX Furnaces 95% AFUE: (TG9S, TM9X, TM9V)     | 5/10† | N/A        | Lifetime       | 30 Day    |
| LX Furnaces 80% AFUE: (TG8S, TM8X, TM8V)     | 5/10† | N/A        | 20 Years       | 30 Day    |

### Res. Package Units (1Phase)

|                                            | Parts | Compressor | Heat Exchanger | DOA Labor |
|--------------------------------------------|-------|------------|----------------|-----------|
| Affinity Package Units (D** or B** models) | 5/10† | 10         | 20             | 30 Day    |
| Latitude Package Units (NM** & UQ**)       | 5/10† | 10         | N/A            | 30 Day    |

### \*\*\*AFFINITY System Premium Warranty.

AFFINITY Condensers (AC/HP) + matched/rated Affinity Air Handler or Affinity Furnace & Coil.

#### **10 Year Parts/Lifetime Compressor Upon Completion of Registration Process Below:**

- Applicable to original owner only, non-transferrable.
- Online registration of the system must occur within 90 days of installation date.
- The system serial numbers & dealer invoice showing the UPG factory matched system must be sent to:

**YORK/JOHNSON CONTROLS**

**8909 E. 35/10th St.**

**Wichita, KS 67226**

**Attn: Warranty Department Premium Warranty**

† **York 10-Year All Parts Warranties:** To qualify for the 10-year parts warranty, the system must be registered online at [www.upgproductregistration.com](http://www.upgproductregistration.com) within **90** days of installation for replacement or 90 days of closing for new home construction. In some states, registration is not required, but proof of installation may be required to qualify for the 10 year parts warranty. If the qualifying products are not registered online within 90 days from the date of installation, the warranty will default to the standard limited warranty as outlined in the product warranty certificates.

\*\* **ADP 10-Year All Parts Warranties:** To qualify for the 10-year parts warranty, the system must be registered online at [www.adpwarranty.com](http://www.adpwarranty.com) within **90** days of installation for replacement or 90 days of closing for new home construction. Single family residences only. Applicable to original homeowner, non-transferrable. If the qualifying products are not registered online within 90 days from the date of installation, the warranty will default to the standard limited warranty (5 years) as outlined in the product warranty certificates. Restrictions apply.

\*\* **Aspen 10-Year All Parts Warranties:** To qualify for the 10-year parts warranty, the system must be registered online at [www.aspenmfg.com](http://www.aspenmfg.com) within **60** days of installation. The special extended warranty cover "C" model coils only. Other restrictions apply. See manufacturer's web site for details.

**"This summary report is for informational purposes only. Please refer to the warranty certificate included with your equipment purchase to determine the specific product warranty exclusions and inclusions"**