

Representative photo only, some models may vary in appearance.

## 2 THRU 5 TONS SPLIT SYSTEM EBV Series - Variable Speed

### FEATURES

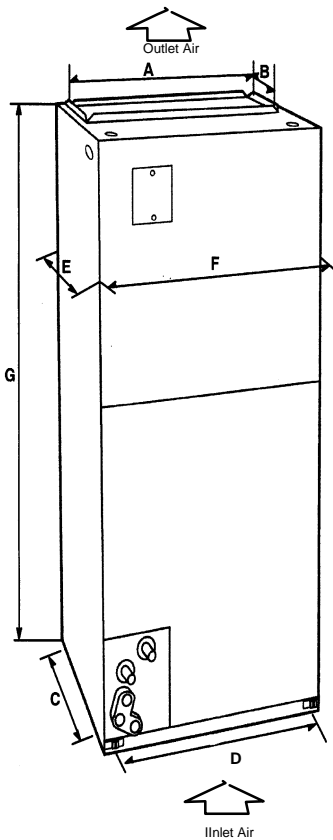
- Variable Speed ECM Blower Motor
- Grooved copper tube
- Lanced sine wave aluminum fin
- Discreet refrigerant circuits
- Prepainted galvanized sheet metal cabinet
- Cooling control in every unit
- Logarithmic spiral blower housings for blower efficiency
- All units multipoise
- Factory-supplied, cleanable, permanent framed filter
- Easy access filter - no tools required
- Field-installed heater packages 5- to 30-kw, fused, circuit breaker, non-fused (10-kw and down)
- Extra thick 1-in., R 4.2 high-density insulation
- 2- 5 ton application
- HUD approved for manufactured housing
- Independent fan only selections
- AMP plug connection provided for accessory heater packages
- Connections for humidistat/humidifier
- Connections for humidistat/humidifier
- 40 va, 208/230-v transformer



**PHYSICAL DATA**

|                        |   |   |   |   |
|------------------------|---|---|---|---|
| EBV                    | 2400  | 3600  | 4800  | 6000  |
| <b>COIL</b>            |   |   |   |   |
| Rows / Fins per inch   | 3 - 14  |   |   |   |
| Face Area (Sq. Ft.)    | 3.46  | 3.46  | 5.93  | 7.42  |
| Configuration          | A   | Slope   | A   | A   |
| <b>FAN</b>             |   |   |   |   |
| CFM (Nominal)          | 525 / 470<br>700 / 630<br>875 / 785<br>1050 / 945 | 700 / 630<br>875 / 785<br>1050 / 945<br>1225 / 1100 | 875 / 785<br>1050 / 945<br>1225 / 1100<br>1400 / 1260 | 1050 / 945<br>1225 / 1100<br>1400 / 1260<br>1750 / 1575 |
| Motor HP (PSC)         | 1/2   | 1/2   | 1/2   | 3/4   |
| Filter Size (inches)   | 21-1/2 x 16- 3/8                                  | 21-1/2 x 19- 7/8                                    |   | 21-1/2 x 23- 5/16                                       |
| <b>WEIGHTS</b>         |   |   |   |   |
| Unit Weight (lbs.)     | 124   | 142   | 159   | 192   |
| Shipping Weight (lbs.) | 130   | 149   | 167   | 202   |

| UNIT SIZE | A         | B   | C          | D           | E          | F           | G           |
|-----------|-----------|-----|------------|-------------|------------|-------------|-------------|
| 2400      | 15 - 3/4" | 11" | 19 - 3/16" | 15 - 5/8"   | 22 - 1/16" | 17 - 5/8"   | 42 - 11/16" |
| 3600      | 19 - 1/4" | 11" | 19 - 3/16" | 19 - 1/8"   | 22 - 1/16" | 21 - 1/8"   | 53 - 7/16"  |
| 4800      | 19 - 1/4" | 11" | 19 - 3/16" | 19 - 1/8"   | 22 - 1/16" | 21 - 1/8"   | 53 - 7/16"  |
| 6000      | 22 - 3/4" | 11" | 19 - 3/16" | 22 - 11/16" | 22 - 1/16" | 24 - 11/16" | 59 - 3/16"  |



**WARNING**

**Fire Hazard**

When heaters are installed maintain clearances from combustible materials as specified on unit rating plate. Do not use plastic lined or combustible flexible ducting within 36 inches of the supply end of the air handler.

Failure to do so can result in fire, property damage, personal injury or death.

**CLEARANCES**

**NO HEATERS**

All Sides ..... 0"  
 From Supply Duct ..... 0"  
 Recommended Service From Front ..... 20"  
 (Service for blower, filter if installed)

**WITH HEATERS**

All Sides ..... 0"  
 From First Three Feet of Supply Duct to Combustibles ..... 1"  
 From Duct after Three Feet ..... 0"  
 Recommended Service From Front ..... 20"

# PERFORMANCE DATA

## EBV ADVANCED FAN COIL AIRFLOW DELIVERY CHART

| UNIT SIZE   | OUTDOOR UNIT CAPACITY* | OPERATING MODE—COOLING   |                        |                       |                        |                     |                        | FAN ONLY<br>Lo/Med/Hi |
|-------------|------------------------|--------------------------|------------------------|-----------------------|------------------------|---------------------|------------------------|-----------------------|
|             |                        | Single-Speed Application |                        | Two-Speed Application |                        |                     |                        |                       |
|             |                        |                          |                        | High Speed            |                        | Low Speed           |                        |                       |
|             |                        | Nominal A/C Cooling      | A/C Cooling Dehumidity | Nominal A/C Cooling   | A/C Cooling Dehumidity | Nominal A/C Cooling | A/C Cooling Dehumidity |                       |
| <b>2400</b> | 018                    | 525                      | 420                    | —                     | —                      | —                   | —                      | 350 / 350 / 525       |
|             | 024                    | 700                      | 560                    | —                     | —                      | —                   | —                      | 350 / 455 / 700       |
|             | 030                    | 875                      | 700                    | —                     | —                      | —                   | —                      | 440 / 570 / 875       |
|             | 036                    | 1050                     | 840                    | 1100                  | 880                    | 680                 | 545                    | 525 / 680 / 1050      |
| <b>3600</b> | 024                    | 700                      | 560                    | —                     | —                      | —                   | —                      | 415 / 455 / 700       |
|             | 030                    | 875                      | 700                    | —                     | —                      | —                   | —                      | 440 / 570 / 875       |
|             | 036                    | 1050                     | 840                    | 1100                  | 880                    | 680                 | 545                    | 525 / 680 / 1050      |
|             | 042                    | 1225                     | 980                    | —                     | —                      | —                   | —                      | 610 / 795 / 1225      |
| <b>4800</b> | 030                    | 875                      | 700                    | —                     | —                      | —                   | —                      | 440 / 570 / 875       |
|             | 036                    | 1050                     | 840                    | 1100                  | 880                    | 680                 | 545                    | 525 / 680 / 1050      |
|             | 042                    | 1225                     | 980                    | —                     | —                      | —                   | —                      | 610 / 795 / 1225      |
|             | 048                    | 1400                     | 1120                   | 1470                  | 1175                   | 910                 | 725                    | 700 / 910 / 1400      |
| <b>6000</b> | 036                    | 1050                     | 840                    | 1100                  | 880                    | 745                 | 595                    | 525 / 745 / 1050      |
|             | 042                    | 1225                     | 980                    | —                     | —                      | —                   | —                      | 610 / 870 / 1225      |
|             | 048                    | 1400                     | 1120                   | 1470                  | 1175                   | 995                 | 795                    | 700 / 995 / 1400      |
|             | 060                    | 1750                     | 1400                   | 1835                  | 1470                   | 1240                | 995                    | 875 / 1240 / 1750     |

- NOTE:** 1. The above airflows result with the AC/HP CFM ADJUST select jumper set on NOM.  
 2. Airflow can be adjusted +15% or -10% by selecting HI or LO respectively for all modes except fan only.  
 3. Dry coil at 230 volts and with 10-kw heater and filter installed.  
 4. Airflows shown are at standard air conditions.

\*Consult ARI ratings before matching outdoor unit with EBV Fan Coil.

## EBV ADVANCED FAN COIL AIRFLOW DELIVERY CHART

| UNIT SIZE   | OUTDOOR UNIT CAPACITY* | OPERATING MODE—HEAT PUMP ONLY HEATING |                      |                       |                      |                   |                      | FAN ONLY<br>Lo/Med/Hi |
|-------------|------------------------|---------------------------------------|----------------------|-----------------------|----------------------|-------------------|----------------------|-----------------------|
|             |                        | Single Speed Application              |                      | Two-Speed Application |                      |                   |                      |                       |
|             |                        |                                       |                      | High Speed            |                      | Low Speed         |                      |                       |
|             |                        | Heat Pump Comfort                     | Heat Pump Efficiency | Heat Pump Comfort     | Heat Pump Efficiency | Heat Pump Comfort | Heat Pump Efficiency |                       |
| <b>2400</b> | 018                    | 470                                   | 525                  | —                     | —                    | —                 | —                    | 350 / 350 / 470       |
|             | 024                    | 630                                   | 700                  | —                     | —                    | —                 | —                    | 350 / 410 / 630       |
|             | 030                    | 785                                   | 875                  | —                     | —                    | —                 | —                    | 440 / 510 / 785       |
|             | 036                    | 945                                   | 1050                 | 990                   | 1100                 | 615               | 680                  | 525 / 615 / 945       |
| <b>3600</b> | 024                    | 630                                   | 700                  | —                     | —                    | —                 | —                    | 415 / 415 / 630       |
|             | 030                    | 785                                   | 875                  | —                     | —                    | —                 | —                    | 440 / 510 / 785       |
|             | 036                    | 945                                   | 1050                 | 990                   | 1100                 | 615               | 680                  | 525 / 615 / 945       |
|             | 042                    | 1100                                  | 1225                 | —                     | —                    | —                 | —                    | 610 / 715 / 1100      |
| <b>4800</b> | 030                    | 785                                   | 875                  | —                     | —                    | —                 | —                    | 440 / 510 / 785       |
|             | 036                    | 945                                   | 1050                 | 990                   | 1100                 | 615               | 680                  | 525 / 615 / 945       |
|             | 042                    | 1100                                  | 1225                 | —                     | —                    | —                 | —                    | 610 / 715 / 1100      |
|             | 048                    | 1260                                  | 1400                 | 1320                  | 1470                 | 820               | 910                  | 700 / 820 / 1260      |
| <b>6000</b> | 036                    | 945                                   | 1050                 | 990                   | 1100                 | 670               | 745                  | 525 / 670 / 945       |
|             | 042                    | 1100                                  | 1225                 | —                     | —                    | —                 | —                    | 610 / 780 / 1100      |
|             | 048                    | 1260                                  | 1400                 | 1325                  | 1470                 | 895               | 995                  | 700 / 895 / 1260      |
|             | 060                    | 1575                                  | 1750                 | 1655                  | 1835                 | 1120              | 1240                 | 875 / 1120 / 1575     |

- NOTE:** 1. The above airflows result with the AC/HP CFM ADJUST select jumper set on NOM.  
 2. Airflow can be adjusted +15% or -10% by selecting HI or LO respectively.  
 3. Dry coil at 230 volts and with 10-kw heater and filter installed.  
 4. Airflows shown are at standard air conditions.

\*Consult ARI ratings before matching outdoor unit with EBV Fan Coil.

# PERFORMANCE DATA CONT.

## AIRFLOW DELIVERY CHART (CFM) — ELECTRIC HEATING MODES

| UNIT SIZE   | OUTDOOR UNIT CAPACITY<br>BtuH | ELECTRIC HEATER KW RANGE |      |      |      |      |      |      |      |      |      |      |      |
|-------------|-------------------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|
|             |                               | 0-5                      |      |      | 0-10 |      |      | 0-15 |      |      | 0-20 |      |      |
|             |                               | Lo                       | Nom  | Hi   | Lo   | Nom  | Hi   | Lo   | Nom  | Hi   | Lo   | Nom  | Hi   |
| <b>2400</b> | 18,000                        | 625                      | 625  | 625  | 675  | 675  | 675  | —    | —    | —    | —    | —    | —    |
|             | 24,000                        | 650                      | 725  | 835  | —    | 725  | 835  | 875  | 875  | 875  | —    | —    | —    |
|             | 30,000                        | 815                      | 905  | 1040 | —    | 905  | 1040 | 900  | 900  | 1040 | 1100 | 1100 | 1100 |
|             | 36,000                        | 980                      | 1085 | 1250 | 980  | 1085 | 1250 | 980  | 1085 | 1250 | 1100 | 1100 | 1250 |
| <b>3600</b> | 24,000                        | 675                      | 725  | 835  | 875  | 875  | 875  | —    | —    | —    | —    | —    | —    |
|             | 30,000                        | 815                      | 905  | 1040 | 875  | 905  | 1040 | 1100 | 1100 | 1100 | —    | —    | —    |
|             | 36,000                        | 980                      | 1085 | 1250 | 980  | 1085 | 1250 | 1100 | 1100 | 1250 | 1225 | 1225 | 1250 |
|             | 42,000                        | 1140                     | 1270 | 1460 | 1140 | 1270 | 1460 | 1140 | 1270 | 1460 | 1225 | 1270 | 1460 |

| UNIT SIZE   | OUTDOOR UNIT CAPACITY<br>BtuH | ELECTRIC HEATER KW RANGE |      |      |      |      |      |      |      |      |      |      |      |
|-------------|-------------------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|
|             |                               | 0-10                     |      |      | 0-15 |      |      | 0-20 |      |      | 0-30 |      |      |
|             |                               | Lo                       | Nom  | Hi   | Lo   | Nom  | Hi   | Lo   | Nom  | Hi   | Lo   | Nom  | Hi   |
| <b>4800</b> | 30,000                        | 975                      | 975  | 1040 | 1100 | 1100 | 1100 | —    | —    | —    | —    | —    | —    |
|             | 36,000                        | 980                      | 1085 | 1250 | 1100 | 1100 | 1250 | 1250 | 1250 | 1250 | —    | —    | —    |
|             | 42,000                        | 1140                     | 1270 | 1460 | 1140 | 1270 | 1460 | 1250 | 1270 | 1460 | 1500 | 1500 | 1500 |
|             | 48,000                        | 1305                     | 1450 | 1665 | 1305 | 1450 | 1665 | 1305 | 1450 | 1665 | 1500 | 1500 | 1665 |
| <b>6000</b> | 36,000                        | 1100                     | 1100 | 1250 | 1350 | 1350 | 1350 | —    | —    | —    | —    | —    | —    |
|             | 42,000                        | 1140                     | 1270 | 1460 | 1350 | 1350 | 1460 | 1525 | 1525 | 1525 | —    | —    | —    |
|             | 48,000                        | 1305                     | 1450 | 1665 | 1350 | 1450 | 1665 | 1525 | 1525 | 1665 | 1750 | 1750 | 1750 |
|             | 60,000                        | 1630                     | 1810 | 2085 | 1630 | 1810 | 2085 | 1630 | 1810 | 2085 | 1750 | 1810 | 2085 |

Where dash (—) appears indicates airflow not recommended for heater/system size.

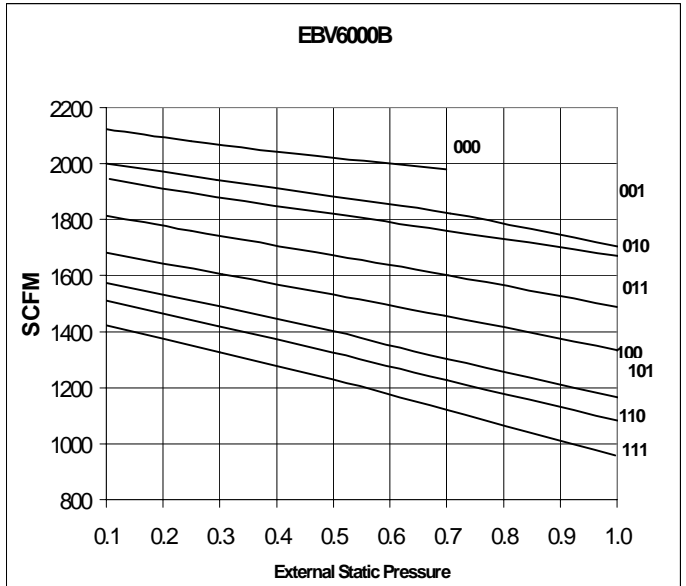
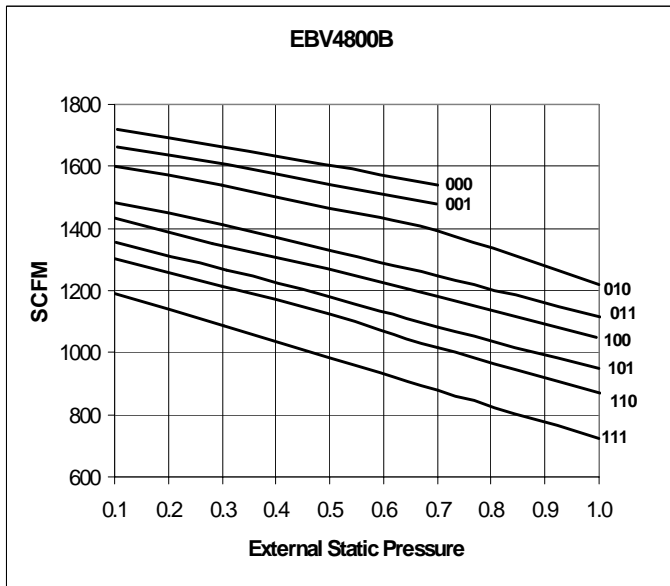
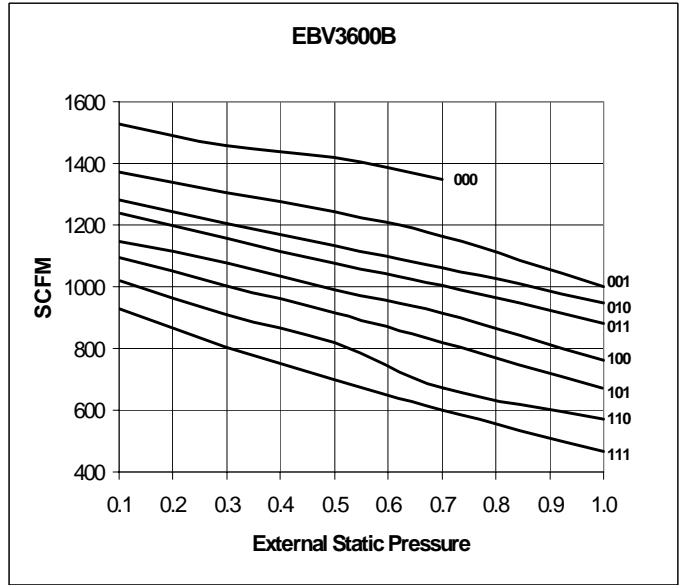
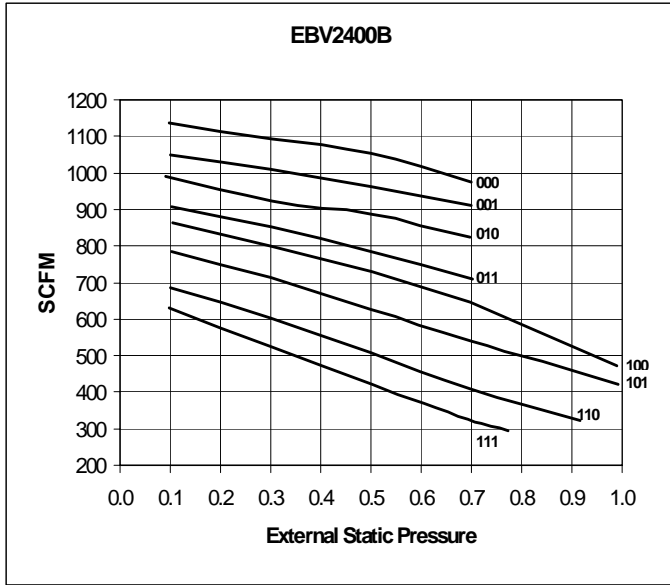
**NOTE:** LO, NOM and HI refer to the AC/HP CFM ADJUST selection.

## MINIMUM CFM FOR ELECTRIC HEATER APPLICATION

| UNIT SIZE   | HEAT PUMP UNIT SIZE | CFM            |          |      |        |        |
|-------------|---------------------|----------------|----------|------|--------|--------|
|             |                     | Heater Size KW |          |      |        |        |
|             |                     | 5              | 8, 9, 10 | 15   | 18, 20 | 24, 30 |
| <b>2400</b> | Heater Only         | 625            | 625      | 725  | 875    | —      |
|             | 018                 | 625            | 625      | —    | —      | —      |
|             | 024                 | 650            | 725      | 875  | —      | —      |
|             | 030                 | 800            | 875      | 875  | 1040   | —      |
|             | 036                 | 970            | 970      | 970  | 1040   | —      |
| <b>3600</b> | Heater Only         | 675            | 700      | 1050 | 1050   | —      |
|             | 024                 | 675            | 875      | 1050 | —      | —      |
|             | 030                 | 800            | 875      | 1100 | —      | —      |
|             | 036                 | 975            | 975      | 1100 | 1225   | —      |
|             | 042                 | 1125           | 1125     | 1125 | 1225   | —      |
| <b>4800</b> | Heater Only         | 675            | 700      | 1050 | 1050   | 1400   |
|             | 030                 | 800            | 875      | 1100 | —      | —      |
|             | 036                 | 975            | 975      | 1100 | 1225   | —      |
|             | 042                 | 1125           | 1125     | 1125 | 1225   | —      |
|             | 048                 | 1305           | 1305     | 1305 | 1305   | 1400   |
| <b>6000</b> | Heater Only         | 1050           | 1050     | 1050 | 1050   | 1750   |
|             | 036                 | 1100           | 1100     | 1350 | 1350   | —      |
|             | 042                 | 1125           | 1125     | 1350 | 1350   | —      |
|             | 048                 | 1300           | 1300     | 1350 | 1465   | 1750   |
|             | 060                 | 1625           | 1625     | 1625 | 1750   | 1750   |

- NOTE:**
1. Heater Only—Air Conditioner with electric heater application.
  2. These airflows are minimum acceptable airflows as UL listed.
  3. Actual airflow delivered will be per the airflow delivery chart for Electric Heating Modes.

# Airflow Curves



### ELECTRIC HEATER STATIC PRESSURE DROP (IN. WC)

| HEATER ELEMENTS | KW         | EXTERNAL STATIC PRESSURE CORRECTION |       |
|-----------------|------------|-------------------------------------|-------|
|                 |            | 2 thru 4 Ton                        | 5 Ton |
| 0               | 0          | +02                                 | +03   |
| 1               | 5          | +01                                 | +02   |
| 2               | 8, 10      | 0                                   | 0     |
| 3               | 9, 15      | -02                                 | -03   |
| 4               | 20         | -04                                 | -06   |
| 6               | 18, 24, 30 | -06                                 | -10   |

### FILTER STATIC PRESSURE DROP (IN. WC)

| UNIT SIZE | CFM   |       |       |       |       |       |       |       |       |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|           | 400   | 600   | 800   | 1000  | 1200  | 1400  | 1600  | 1800  | 2000  |
| 2400      | 0.020 | 0.044 | 0.048 | 0.072 | 0.100 | -     | -     | -     | -     |
| 3600      | -     | 0.020 | 0.035 | 0.051 | 0.070 | 0.092 | -     | -     | -     |
| 4800      | -     | 0.020 | 0.035 | 0.051 | 0.070 | 0.092 | 0.120 | -     | -     |
| 6000      | -     | -     | -     | -     | 0.070 | 0.092 | 0.120 | 0.152 | 0.187 |

### AIR DELIVERY PERFORMANCE CORRECTION PRESSURE DROP (IN. WC) AT INDICATED AIRFLOW (DRY-TO-WET COIL)

| UNIT SIZE | CFM   |       |       |       |       |       |       |       |       |       |       |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|           | 600   | 700   | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| 2400      | 0.012 | 0.016 | 0.022 | 0.028 | 0.034 | 0.040 | 0.049 | -     | -     | -     | -     |
| 3600      | -     | 0.026 | 0.034 | 0.042 | 0.052 | 0.063 | 0.075 | 0.083 | 0.091 | 0.098 | 0.110 |
| 4800      | -     | 0.006 | 0.008 | 0.010 | 0.012 | 0.015 | 0.017 | 0.020 | 0.023 | 0.027 | 0.030 |
|           | CFM   |       |       |       |       |       |       |       |       |       |       |
|           | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  |
| 6000      | 0.013 | 0.016 | 0.018 | 0.020 | 0.023 | 0.027 | 0.030 | 0.034 | 0.039 | 0.044 | 0.048 |

**Note:** Subtract the above pressure drop corrections from unit airflow data when that component or condition is used. The remaining external static pressure will be available for the duct system.

**ACCESSORY ELECTRIC HEATER ELECTRICAL DATA**

| Heater Model | KW   |      | Phase | Internal Circuit Protection | Heater Amps 208 / 230v |              |           |
|--------------|------|------|-------|-----------------------------|------------------------|--------------|-----------|
|              | 230v | 208v |       |                             | Single Circuit         | Dual Circuit |           |
|              |      |      |       |                             |                        | L1,L2        | L3,L4     |
| EHK05AKN11   | 5    | 3.8  | 1     | None                        | 18.1 / 20.0            | -            | -         |
| EHK05AKN12   | 5    | 3.8  | 1     | None                        | 18.1 / 20.0            | -            | -         |
| EHK07AKN1    | 8    | 6.0  | 1     | None                        | 28.9 / 32.0            | -            | -         |
| EHK07AKB1    | 8    | 6.0  | 1     | Ckt Bkr                     | 28.9 / 32.0            | -            | -         |
| EHK09AKCN1   | 9    | 6.8  | 1     | None                        | 32.8 / 36.0            | -            | -         |
| EHK09AKCN1 [ | 9    | 6.8  | 3     | None                        | 18.8 / 20.8            | -            | -         |
| EHK10AKN1    | 10   | 7.5  | 1     | None                        | 36.2 / 40.0            | -            | -         |
| EHK10AKB1    | 10   | 7.5  | 1     | Ckt Bkr                     | 36.2 / 40.0            | -            | -         |
| EHK15AKF1    | 15   | 11.3 | 1     | Fuse                        | 54.2 / 59.9            | 36.2/40.0    | 18.1/20.0 |
| EHK15AKB1    | 15   | 11.3 | 1     | Ckt Bkr                     | -                      | 36.2/40.0    | 18.1/20.0 |
| EHK15AHN1    | 15   | 11.3 | 3     | None                        | 31.3 / 34.6            | -            | -         |
| EHK20AHN1    | 18   | 13.5 | 3     | None                        | 37.6 / 41.5            | -            | -         |
| EHK20AKF1    | 20   | 15.0 | 1     | Fuse                        | 72.3 / 79.9            | 36.2/40.0    | 36.2/40.0 |
| EHK20AKB1    | 20   | 15.0 | 1     | Ckt Bkr                     | -                      | 36.2/40.0    | 36.2/40.0 |
| EHK25AHCF1]  | 24   | 18.0 | 3     | Fuse                        | 50.1 / 55.4            | -            | -         |
|              | 24   | 18.0 | 1     | Fuse                        | 86.7 / 95.5            | -            | -         |
| EHK30AHCF1]  | 30   | 22.5 | 3     | Fuse                        | 62.6 / 69.2            | -            | -         |
|              | 30   | 22.5 | 1     | Fuse                        | 109 / 120              | -            | -         |

**ACCESSORY ELECTRIC HEATER ELECTRICAL DATA (CONT.)**

| Heater Model | Branch Circuit             |              |           |                                 |              |         |                                |              |         |                       |              |         |                                     |              |         |
|--------------|----------------------------|--------------|-----------|---------------------------------|--------------|---------|--------------------------------|--------------|---------|-----------------------|--------------|---------|-------------------------------------|--------------|---------|
|              | Min. Ampacity 208 / 230v** |              |           | Min. Wire Size (AWG) 208 / 230v |              |         | Min. Gnd. Wire Size 208 / 230v |              |         | Max Fuse/Ckt Bkr Amps |              |         | Max Wire Length 208 / 230v(ft.) [ [ |              |         |
|              | Single Circuit             | Dual Circuit |           | Single Circuit                  | Dual Circuit |         | Single Circuit                 | Dual Circuit |         | Single Circuit        | Dual Circuit |         | Single Circuit                      | Dual Circuit |         |
|              |                            | L1,L2        | L3,L4     |                                 | L1,L2        | L3,L4   |                                | L1,L2        | L3,L4   |                       | L1,L2        | L3,L4   |                                     | L1,L2        | L3,L4   |
| EHK05AKN11   | 26.0 / 28.4                | -            | -         | 10 / 10                         | -            | -       | 10 / 10                        | -            | -       | 30 / 30               | -            | -       | 66 / 66                             | -            | -       |
| EHK05AKN12   | 31.2 / 33.5                | -            | -         | 8 / 8                           | -            | -       | 10 / 10                        | -            | -       | 35 / 35               | -            | -       | 85 / 88                             | -            | -       |
| EHK05AKB11   | 26.0 / 28.4                | -            | -         | 10 / 10                         | -            | -       | 10 / 10                        | -            | -       | 30 / 30               | -            | -       | 66 / 66                             | -            | -       |
| EHK05AKB12   | 31.2 / 33.5                | -            | -         | 8 / 8                           | -            | -       | 10 / 10                        | -            | -       | 35 / 35               | -            | -       | 85 / 88                             | -            | -       |
| EHK07AKN1    | 44.7 / 48.5                | -            | -         | 8 / 8                           | -            | -       | 10 / 10                        | -            | -       | 45 / 50               | -            | -       | 59 / 60                             | -            | -       |
| EHK07AKB1    | 44.7 / 48.5                | -            | -         | 8 / 8                           | -            | -       | 10 / 10                        | -            | -       | 45 / 50               | -            | -       | 59 / 60                             | -            | -       |
| EHK09AKCN1   | 49.5 / 53.5                | -            | -         | 8 / 6                           | -            | -       | 10 / 10                        | -            | -       | 50 / 60               | -            | -       | 54 / 87                             | -            | -       |
| EHK09AKCN1 [ | 32.0 / 34.5                | -            | -         | 8 / 8                           | -            | -       | 10 / 10                        | -            | -       | 35 / 35               | -            | -       | 83 / 85                             | -            | -       |
| EHK10AKN1    | 53.8 / 58.5                | -            | -         | 6 / 6                           | -            | -       | 10 / 10                        | -            | -       | 60 / 60               | -            | -       | 78 / 80                             | -            | -       |
| EHK10AKB1    | 53.8 / 58.5                | -            | -         | 6 / 6                           | -            | -       | 10 / 10                        | -            | -       | 60 / 60               | -            | -       | 78 / 80                             | -            | -       |
| EHK15AKF1    | 76.3 / 83.4                | 53.8/58.5    | 22.7/25.0 | 4 / 4                           | 6 / 6        | 10 / 10 | 8 / 8                          | 10 / 10      | 10 / 10 | 80 / 90               | 60 / 60      | 25 / 25 | 88 / 89                             | 78 / 80      | 75 / 76 |
| EHK15AKB1    | -                          | 53.8/58.5    | 22.7/25.0 | -                               | 6 / 6        | 10 / 10 | -                              | 10 / 10      | 10 / 10 | -                     | 60 / 60      | 25 / 25 | -                                   | 78 / 80      | 75 / 76 |
| EHK15AHN1    | 47.7 / 51.8                | -            | -         | 8 / 6                           | -            | -       | 10 / 10                        | -            | -       | 50 / 60               | -            | -       | 56 / 90                             | -            | -       |
| EHK18AHN1    | 55.5 / 60.4                | -            | -         | 6 / 6                           | -            | -       | 10 / 8                         | -            | -       | 60 / 70               | -            | -       | 76 / 77                             | -            | -       |
| EHK20AKF1    | 98.9/108.4                 | 53.8/58.5    | 45.3/50.0 | 3 / 2                           | 6 / 6        | 8 / 8   | 8 / 6                          | 10 / 10      | 10 / 10 | 100 / 110             | 60 / 60      | 50 / 50 | 85 / 109                            | 78 / 80      | 59 / 59 |
| EHK20AKB1    | -                          | 53.8/58.5    | 45.3/50.0 | -                               | 6 / 6        | 8 / 8   | -                              | 10 / 10      | 10 / 10 | -                     | 60 / 60      | 50 / 50 | -                                   | 78 / 80      | 59 / 59 |
| EHK25AHCF1]  | 71.2 / 77.8                | -            | -         | 4 / 4                           | -            | -       | 8 / 8                          | -            | -       | 80 / 80               | -            | -       | 94 / 95                             | -            | -       |
|              | 116.9/127.9                | -            | -         | 1 / 1                           | -            | -       | 6 / 6                          | -            | -       | 125 / 150             | -            | -       | 115 / 116                           | -            | -       |
| EHK30AHCF1]  | 86.8 / 95.0                | -            | -         | 3 / 3                           | -            | -       | 8 / 8                          | -            | -       | 90 / 100              | -            | -       | 97 / 98                             | -            | -       |
|              | 144.8/158.5                | -            | -         | 0 / 00                          | -            | -       | 6 / 6                          | -            | -       | 150 / 175             | -            | -       | 117 / 150                           | -            | -       |

**ACCESSORIES**

| Model      | Description   | Use With      |
|------------|---|---------------|
| EHK05AKN1  | 5 Kw Single Phase                                   | All           |
| EHK07AKN1  | 8 Kw Single Phase                                   | All           |
| EHK07AKB1  | 8 Kw Single Phase                                   | All           |
| EHK09AKCN1 | 9 Kw / Single Phase (Field convertible to 3 phase)  | All           |
| EHK10AKN1  | 10 Kw Single Phase                                  | All           |
| EHK10AKB1  | 10 Kw Single Phase                                  | All           |
| EHK15AKF1  | 15 Kw Single Phase                                  | 2-5 Ton       |
| EHK15AKB1  | 15 Kw Single Phase                                  | 2-5 Ton       |
| EHK15AHN1  | 15 Kw 3 Phase                                       | 2-5 Ton       |
| EHK18AHN1  | 18 Kw 3 Phase                                       | 3 1/2 - 5 Ton |
| EHK20AKF1  | 20 Kw Single Phase                                  | 2 1/2 - 5 Ton |
| EHK20AKB1  | 20 Kw Single Phase                                  | 2 1/2 - 5 Ton |
| EHK25AHCF1 | 24 Kw / 3 Phase (Field convertible to single phase) | 4 - 5 Ton     |
| EHK30AHCF1 | 30 Kw / 3 Phase (Field convertible to single phase) | 4 - 5 Ton     |

All AKB Models are Circuit Breaker Models

**ACCESSORIES**

|                                     |           |                                    |
|-------------------------------------|-----------|------------------------------------|
| Disconnect Kit                      | EBAC01DSC | All Heaters 3 thru 10 KW           |
| Downflow Base Kit                   | EBAC02NCB | 2400                               |
|                                     | EBAC03NCB | 3600, 4200, 4800                   |
|                                     | EBAC04NCB | 60000                              |
| Downflow Conversion Kit             | EBAC01DFS | Slope Coil 18, 24, 30, 36, 42      |
|                                     | EBAC02DFA | A-Coil 48, 60                      |
| Single Point Wiring Kit             | EBAC01SPK | Only with 15 & 20 KW fused heaters |
| Permanent Filter Kit<br>(Box of 12) | EBAC01FKM | 2400                               |
|                                     | EBAC01FKL | 3600, 4200, 4800                   |
|                                     | EBAC01FKX | 60000                              |
| No Heat Kit (Box of 6)              | EBAC01PLG | 24 thru 60                         |
| PVC Condensate Kit (50 pcs.)        | EBAC01CTK | All Sizes                          |
| Horizontal / Downflow Gasket Kit    | EBAC01GSK | All Sizes                          |



## MODEL NUMBER IDENTIFICATION GUIDE

|  |                    |             |          |   |
|--|--------------------|-------------|----------|---|
| <p><b>MODEL NUMBER</b></p> <p>EB = Evaporator Blower</p>   | <p>EB</p> <p>V</p> | <p>2400</p> | <p>B</p> | <p>1 = ENGINEERING CODE</p> <p>MARKETING CODE</p>   |
| <p><b>METERING DEVICE</b></p> <p>P = Orifice Piston<br/>X = Expansion Valve<br/>V = Variable Speed</p> |                    |             |          | <p><b>CAPACITY MBTUH</b></p> <p>24 = 24,000<br/>36 = 36,000<br/>48 = 48,000<br/>60 = 60,000</p> |

## ACCESSORIES NUMBER IDENTIFICATION GUIDE

|  |   |  |            |          |  |
|--|---|--|------------|----------|--|
| <p><b>MODEL NUMBER</b></p> <p>EB = Evaporator Blower</p>                       | <p>EB</p> <p>AC</p>   | <p>01</p>  | <p>NCB</p> | <p>A</p> |  |
| <p>AC = Accessory</p>  |   |  |            |          | <p>SALES CODE</p> <p>PRODUCT IDENTIFIER</p> <p>PRODUCT IDENTIFIER NUMBER</p> |
| <p><b>ACCESSORY PRODUCT IDENTIFIER ASSIGNMENT</b></p>                          |   |  |            |          |  |
| <p>NCB - Non Combustable Base<br/>DFK - Down Flow Kit<br/>PLG - Power Plug</p> | <p>SPK - Single Point Wiring Kit<br/>FKS - Filter Kit Small<br/>CTK - PVC Condensate Trap Kit</p> | <p>FKM - Filter Kit Medium<br/>FKL - Filter Kit Large<br/>FKX - Filter Kit X-Large</p> |            |          |  |