

# BHP15

## PRODUCT SPECIFICATIONS

HIGH EFFICIENCY  
SPLIT SYSTEM HEAT PUMP  
UP TO 16 SEER & 9.0 HSPF

FORM NO. 4HP15L-100 (05/2021)



### COMPRESSOR

- High-efficiency scroll compressor
- R410A refrigerant
- Grommet mounted compressor for quiet operation
- Heavy-duty compressor sound blanket for quiet operation (optional accessory)
- Internally protected against high temperature motor overload conditions

### CABINET

- Full metal louvered panel with 2 screws to remove for ease of coil cleaning and service
- Corner-mounted controls for easy service
- Baked polyester paint finished over galvanized steel for maximum durability
- External gauge ports for easy service
- Removable service panel for internal access

### DESIGN

- Designed to perform in temperatures up to 125°F
- Designed to perform in temperatures down to 0°F

### COILS

- Omniguard™ total corrosion protection technology designed coil
- Enhanced tube-and-fin coil design featuring MHT™ Technology
- Lanced fins for maximum heat transfer
- Factory tested for leakproof construction
- Raised coil prevents debris from impeding airflow

### COMPONENTS

- Factory installed high and low pressure switches
- Thread-on pressure switches with Schrader core for simple, quick replacement
- Factory installed filter drier
- Fan orifice for smoother airflow and sound level reduction
- Charged for 15 feet of line set
- Discharge muffler for quiet operation
- Quiet Shift™ capable to reduce noise during defrost

### WARRANTY

10 year limited warranty on compressor  
10 year limited warranty on all parts, extended warranty available\*

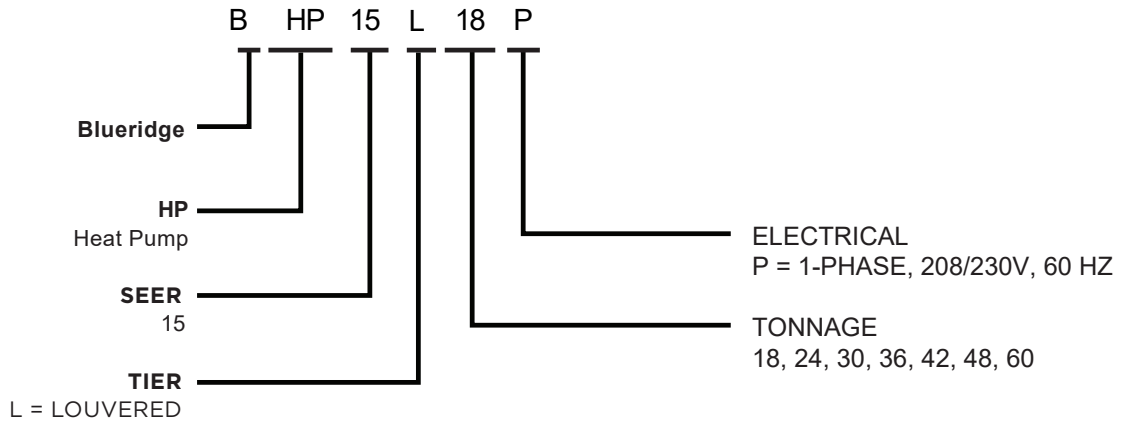
*\*Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty). Warranty must be registered online within 60 days of installation to qualify for 10-year coverage. Unregistered equipment defaults to 5-year coverage. See full warranty at [www.blueridgewarranty.com](http://www.blueridgewarranty.com) for terms, conditions, and exclusions.*

#### NOTE:

For the latest AHRI system matches, please visit [www.AHRIdirectory.org](http://www.AHRIdirectory.org)



**MODEL NUMBER GUIDE**



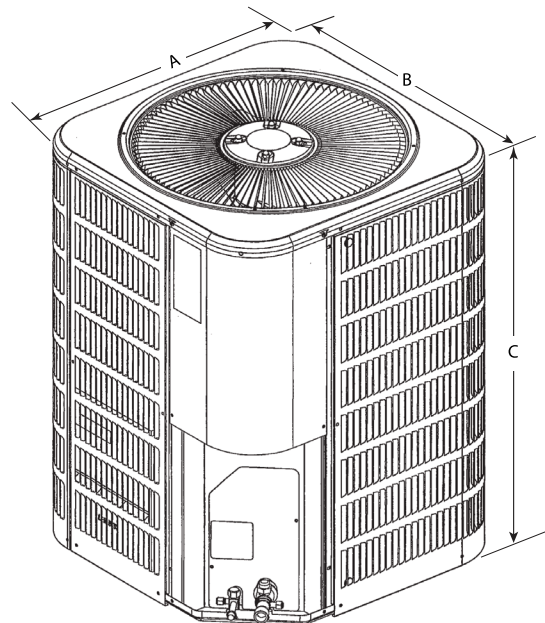
**PHYSICAL AND ELECTRICAL DATA**

| Model     | Voltage/Hz/<br>Phase | Voltage<br>Range | Min.<br>Circuit<br>Amp. | Max. Over<br>Current<br>Device<br>(amps) | Compressor              |                           | Outdoor Fan Motor   |             |             |
|-----------|----------------------|------------------|-------------------------|--|-------------------------|---------------------------|---------------------|-------------|-------------|
|           |                      |                  |                         |  | Rated<br>Load<br>(amps) | Locked<br>Rotor<br>(amps) | Full Load<br>(amps) | Rated<br>HP | Nom.<br>RPM |
| BHP15L18P | 208-230/60/1         | 197-253          | 12.2                    | 20                                       | 9.0                     | 48.0                      | 1.0                 | 1/6         | 825         |
| BHP15L24P | 208-230/60/1         | 197-253          | 13.6                    | 20                                       | 10.1                    | 52.0                      | 1.0                 | 1/6         | 825         |
| BHP15L30P | 208-230/60/1         | 197-253          | 17.0                    | 25                                       | 12.8                    | 67.8                      | 1.0                 | 1/6         | 825         |
| BHP15L36P | 208-230/60/1         | 197-253          | 18.6                    | 30                                       | 14.1                    | 72.2                      | 1.0                 | 1/6         | 825         |
| BHP15L42P | 208-230/60/1         | 197-253          | 25.8                    | 45                                       | 19.2                    | 123.9                     | 1.8                 | 1/4         | 825         |
| BHP15L48P | 208-230/60/1         | 197-253          | 26.2                    | 45                                       | 19.6                    | 130.0                     | 1.8                 | 1/4         | 825         |
| BHP15L60P | 208-230/60/1         | 197-253          | 29.6                    | 50                                       | 22.2                    | 127.9                     | 1.8                 | 1/4         | 825         |

**UNIT DIMENSIONS (IN.)**

| Model     | Dimensions (inch) |           |            | Shipping<br>Weight<br>(lbs.) |
|-----------|-------------------|-----------|------------|------------------------------|
|           | A - Width         | B - Depth | C - Height |                              |
| BHP15L18P | 28.25             | 28.25     | 43.25      | 175                          |
| BHP15L24P | 28.25             | 28.25     | 43.25      | 177                          |
| BHP15L30P | 28.25             | 28.25     | 43.25      | 178                          |
| BHP15L36P | 28.25             | 28.25     | 37.25      | 202                          |
| BHP15L42P | 32.25             | 32.25     | 37.25      | 272                          |
| BHP15L48P | 32.25             | 32.25     | 37.25      | 273                          |
| BHP15L60P | 32.25             | 32.25     | 43.25      | 297                          |

Note:  
Dimensions listed are unit sizes w/o packaging  
Weights listed are unit weights with packaging



**SOUND RATINGS**

| Model     | Sound Power <sup>1</sup> | Estimated Sound Pressure (dBA) <sup>2</sup> |                        |                        |
|-----------|--------------------------|---|------------------------|------------------------|
|           |                          | Approximate Distance <sup>3</sup>           |                        |                        |
|           |                          | 3.3 Feet<br>(1 Meter)                       | 6.6 Feet<br>(2 Meters) | 9.8 Feet<br>(3 Meters) |
| BHP15L18P | 76                       | 68  | 62                     | 58                     |
| BHP15L24P | 76                       | 68  | 62                     | 58                     |
| BHP15L30P | 76                       | 68  | 62                     | 58                     |
| BHP15L36P | 76                       | 68  | 62                     | 58                     |
| BHP15L42P | 79                       | 71  | 65                     | 61                     |
| BHP15L48P | 80                       | 72  | 66                     | 62                     |
| BHP15L60P | 80                       | 72  | 66                     | 62                     |

1 Rated in accordance with AHRI standard 270 (2015). AHRI Standard 270 establishes a method of rating outdoor unitary equipment in terms of Sound Power.

2 Rated in accordance with AHRI standard 275 (2010). AHRI Standard 275 provides the calculations for estimating the A-Weighted Sound Pressure at a given distance from the equipment. That is a more useful number because that is what humans will hear.

3 Based only on distance factor; other factors may change this value such as:

- Unit location (reflective surfaces adjacent to the unit)
- Barrier shielding sources
- Sound path/elevation
- Outside noise sources

**ACCESSORIES**

| System Accessory                                      | Where Used                       | Kit Number        | Purpose   |
|---|----------------------------------|-------------------|---|
| Liquid Line solenoid                                  | All models                       | 60M52             | Prevents liquid migration to the compressor especially for high liquid riser applications                     |
| Low ambient HP units (cooling operation)              | All models                       | 54M89             | Enables cooling demand down to 30 °F. Will require freeze stat, CC heater and TXV                             |
| Mild ambient (heating operation)                      | All models                       | 11B97             | Enables heating demand above 60 °F ambient  |
| Cold weather  | Control Board Integrated Feature |                   | To allow unit to operate in very low ambient conditions   |
| Fossil Fuel Kit (Heat Pump Only)                      | All models                       | 1.841185          | Required for furnace with heat pump installations   |
| Hard Start  | 24 & 36                          | 10J42             | Scroll compressors usually do not require hard start; maybe needed for utility brown-out or low voltage areas |
| Hard Start  | 48 & 60                          | 81J69             |   |
| Crankcase Heater                                      | 18, 24, 30                       | 93M04             | Prevents liquid migration to compressor in cold weather   |
| Crankcase Heater                                      | 36, 42, 48, 60                   | Factory Installed |   |
| Sound Cover   | 18, 24, 30, 36                   | 14W00             | Lowers compressor sound level   |
| Sound Cover   | 42, 48, 60                       | 14W01             |   |
| Loss of Charge Kit                                    | Factory Installed                |                   | Protects the compressor if refrigerant charge is too low  |
| <b>Additional System Accessories (indoor section)</b> |                                  |                   |   |
| TXV Kit   | 18, 24, 30                       | H4TXV01           | TXVs provide superior refrigerant flow control, comfort and efficiency compared to pistons                    |
|   | 36, 42, 48                       | H4TXV02           |   |
|   | 60                               | H4TXV03           |   |
| Outdoor Thermostat - electric heat                    | All models                       | 10Z23             | Prevents electric heat operation above specific ambient conditions  |
| Single point power supply                             | All models                       | 21H39             | Provide single power source in one junction box   |
| Auxiliary blower relay                                | All models                       | 85W66             | Maybe required to select multiple indoor blower speeds  |

**REFRIGERATION DATA**

| Model     | Factory Refrig. Charge (Oz.)* | TXV     | Refrigerant Line Size |        | Outdoor Unit Connection |        | Indoor Unit Connection |        |
|-----------|-------------------------------|---------|-----------------------|--------|-------------------------|--------|------------------------|--------|
|           |                               |         | Suction               | Liquid | Suction                 | Liquid | Suction                | Liquid |
| BHP15L18P | 112                           | H4TXV01 | 3/4                   | 3/8    | 3/4                     | 3/8    | 3/4                    | 3/8    |
| BHP15L24P | 115                           | H4TXV01 | 3/4                   | 3/8    | 3/4                     | 3/8    | 3/4                    | 3/8    |
| BHP15L30P | 115                           | H4TXV01 | 3/4                   | 3/8    | 3/4                     | 3/8    | 3/4                    | 3/8    |
| BHP15L36P | 161                           | H4TXV02 | 7/8                   | 3/8    | 7/8                     | 3/8    | 3/4                    | 3/8    |
| BHP15L42P | 171                           | H4TXV02 | 7/8                   | 3/8    | 7/8                     | 3/8    | 7/8                    | 3/8    |
| BHP15L48P | 171                           | H4TXV02 | 7/8                   | 3/8    | 7/8                     | 3/8    | 7/8                    | 3/8    |
| BHP15L60P | 193                           | H4TXV03 | 11/8                  | 3/8    | 7/8                     | 3/8    | 7/8                    | 3/8    |

Note:

\* Factory charged for 15 feet of line set; adjust per installation instructions.  
Refrigerant charge also varies with indoor unit; Refer refrigerant charge label

**COOLING PERFORMANCE WITH DTC<sup>1</sup>**

| Outdoor Model | Indoor Model | Cooling                                |       |       |                                  | Heating           |       |      |       |      |     |
|---------------|--------------|--|-------|-------|----------------------------------|-------------------|-------|------|-------|------|-----|
|               |              | Evap. Coil or Air Handler <sup>3</sup> | SEER  | EER   | AHRI Rated Capacity <sup>2</sup> | Sensible Capacity | HSPF  | 47°  |       | 17°  |     |
|               |              |  |       |       |                                  |                   |       | Btuh | COP   | Btuh | COP |
| BHP15L18P     | BCE5C18MA4X  | 14.00                                  | 12.00 | 18000 | 14200                            | 8.20              | 17600 | 3.5  | 10800 | 2.3  |     |
| BHP15L24P     | BCE5C24MA4X  | 14.00                                  | 12.00 | 23800 | 19000                            | 8.20              | 22200 | 3.6  | 14300 | 2.4  |     |
| BHP15L30P     | BCE5C30MA4X  | 14.00                                  | 11.50 | 29600 | 23200                            | 8.20              | 27000 | 3.5  | 17500 | 2.4  |     |
| BHP15L36P     | BCE5C36MA4X  | 14.00                                  | 12.00 | 33400 | 25800                            | 8.20              | 31200 | 3.4  | 20000 | 2.4  |     |
| BHP15L42P     | BCE5C42MA4X  | 14.00                                  | 12.00 | 40500 | 29500                            | 8.20              | 39500 | 3.2  | 26200 | 2.4  |     |
| BHP15L48P     | BCE5C48MA4X  | 14.00                                  | 11.50 | 47500 | 36000                            | 8.20              | 46000 | 3.3  | 29000 | 2.4  |     |
| BHP15L60P     | BCE5C60MA4X  | 14.00                                  | 12.00 | 56500 | 41500                            | 8.20              | 54500 | 3.5  | 35400 | 2.6  |     |

Note:

<sup>1</sup> DTC = Designated Tested Combination

<sup>2</sup> Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240

<sup>3</sup> A blower time delay relay is standard on all **Blueridge** furnace and AH products.

**NOTE:**

For the latest AHRI system matches, please visit  
or [www.AHRIdirectory.org](http://www.AHRIdirectory.org)

### COOLING PERFORMANCE EXTENDED RATINGS

Note: Shaded area is AHRI Rating Conditions

| Indoor Wet Bulb Temperature       |      | Outdoor Air Temperature Entering Outdoor Coil |                |                |                               |                |                |                   |                |                |                               |        |                |                   |                |       |                        |                |                |                               |                |                |                   |       |                |                        |                |        |                               |                |                |                   |      |      |      |
|-----------------------------------|------|---|----------------|----------------|-------------------------------|----------------|----------------|-------------------|----------------|----------------|-------------------------------|--------|----------------|-------------------|----------------|-------|------------------------|----------------|----------------|-------------------------------|----------------|----------------|-------------------|-------|----------------|------------------------|----------------|--------|-------------------------------|----------------|----------------|-------------------|------|------|------|
|                                   |      | 85° F (29.4° C)                               |                |                |                               |                |                | 95° F (35° C)     |                |                |                               |        |                | 105° F (40.6° C)  |                |       |                        |                |                | 115° F (46.1° C)              |                |                |                   |       |                | 125° F (51.7° C)       |                |        |                               |                |                |                   |      |      |      |
|                                   |      | Total Cooling Capacity                        |                |                | Sensible To Total Ratio (S/T) |                |                | Comp. Motor Watts |                |                | Sensible To Total Ratio (S/T) |        |                | Comp. Motor Watts |                |       | Total Cooling Capacity |                |                | Sensible To Total Ratio (S/T) |                |                | Comp. Motor Watts |       |                | Total Cooling Capacity |                |        | Sensible To Total Ratio (S/T) |                |                | Comp. Motor Watts |      |      |      |
|                                   |      | kBtu/h  | 80°F<br>26.7°C | 85°F<br>29.4°C | 75°F<br>23.9°C                | 80°F<br>26.7°C | 85°F<br>29.4°C | Input             | 75°F<br>23.9°C | 80°F<br>26.7°C | 85°F<br>29.4°C                | kBtu/h | 75°F<br>23.9°C | 80°F<br>26.7°C    | 85°F<br>29.4°C | Input | 75°F<br>23.9°C         | 80°F<br>26.7°C | 85°F<br>29.4°C | kBtu/h                        | 75°F<br>23.9°C | 80°F<br>26.7°C | 85°F<br>29.4°C    | Input | 75°F<br>23.9°C | 80°F<br>26.7°C         | 85°F<br>29.4°C | kBtu/h | 75°F<br>23.9°C                | 80°F<br>26.7°C | 85°F<br>29.4°C | Input             |      |      |      |
| <b>4HP15L18P-50 - BCE5C18M*4X</b> |      | 525   | 16.8           | 1040           | .91                           | 1.00           | 1.00           | 1180              | .94            | 1.00           | 1.00                          | 15.4   | .97            | 1.00              | 1.00           | 1340  | .97                    | 1.00           | 1.00           | 14.5                          | 1.00           | 1.00           | 1510              | 1.00  | 1.00           | 1.00                   | 13.5           | 1.00   | 1.00                          | 1.00           | 1710           | 1.00              | 1.00 | 1.00 |      |
|                                   |      | 59°F (15°C)                                   | 675            | 18.3           | 1030                          | .99            | 1.00           | 1180              | 1.00           | 1.00           | 1.00                          | 16.7   | 1.00           | 1.00              | 1.00           | 1340  | 1.00                   | 1.00           | 1.00           | 15.7                          | 1.00           | 1.00           | 1510              | 1.00  | 1.00           | 1.00                   | 14.6           | 1.00   | 1.00                          | 1.00           | 1710           | 1.00              | 1.00 | 1.00 |      |
|                                   |      | 710   | 18.6           | 1030           | 1.00                          | 1.00           | 1180           | 1.00              | 1.00           | 1.00           | 16.9                          | 1.00   | 1.00           | 1.00              | 1.00           | 1340  | 1.00                   | 1.00           | 1.00           | 15.9                          | 1.00           | 1.00           | 1510              | 1.00  | 1.00           | 1.00                   | 14.9           | 1.00   | 1.00                          | 1.00           | 1710           | 1.00              | 1.00 | 1.00 |      |
|                                   |      | 525   | 17.6           | 1030           | .74                           | .88            | 1.00           | 1180              | .76            | .90            | 1.00                          | 15.7   | .78            | .93               | 1.00           | 1340  | .78                    | .93            | 1.00           | 14.7                          | .80            | .97            | 1510              | .80   | .97            | 1.00                   | 13.5           | .84    | 1.00                          | 1.00           | 1710           | .84               | 1.00 | 1.00 |      |
|                                   |      | 63°F (17.2°C)                                 | 675            | 18.6           | 1030                          | .80            | .96            | 1.00              | 1180           | .82            | .99                           | 1.00   | 16.6           | .85               | 1.00           | 1.00  | 1340                   | .85            | 1.00           | 1.00                          | 15.7           | .88            | 1.00              | 1510  | .88            | 1.00                   | 1.00           | 14.7   | .92                           | 1.00           | 1.00           | 1710              | .92  | 1.00 | 1.00 |
|                                   |      | 710   | 18.8           | 1030           | .81                           | .98            | 1.00           | 1180              | .83            | 1.00           | 1.00                          | 16.9   | .86            | 1.00              | 1.00           | 1340  | .86                    | 1.00           | 1.00           | 15.9                          | .90            | 1.00           | 1520              | .90   | 1.00           | 1.00                   | 14.9           | .94    | 1.00                          | 1.00           | 1710           | .94               | 1.00 | 1.00 |      |
|                                   |      | 525   | 18.6           | 1030           | .59                           | .72            | .84            | 1170              | .60            | .73            | .87                           | 16.7   | .61            | .75               | .89            | 1340  | .61                    | .75            | .89            | 15.6                          | .62            | .78            | 1510              | .62   | .78            | .93                    | 14.5           | .64    | .81                           | .97            | 1710           | .64               | .81  | .97  |      |
|                                   |      | 67°F (19.4°C)                                 | 675            | 19.6           | 1020                          | .63            | .78            | .93               | 1170           | .64            | .80                           | .95    | 17.6           | .65               | .82            | .99   | 1340                   | .65            | .82            | .99                           | 16.4           | .67            | .85               | 1520  | .67            | .85                    | 1.00           | 15.2   | .69                           | .89            | .89            | 1710              | .69  | .89  | 1.00 |
|                                   |      | 710   | 19.8           | 1020           | .63                           | .79            | .95            | 1170              | .64            | .81            | .97                           | 17.7   | .66            | .83               | 1.00           | 1340  | .66                    | .83            | 1.00           | 16.6                          | .68            | .87            | 1510              | .68   | .87            | 1.00                   | 15.3           | .71    | .91                           | 1.00           | 1710           | .71               | .91  | 1.00 |      |
|                                   |      | 525   | 19.6           | 1020           | .45                           | .57            | .69            | 1170              | .45            | .58            | .70                           | 17.7   | .45            | .59               | .73            | 1340  | .45                    | .59            | .73            | 16.6                          | .46            | .61            | 1520              | .46   | .61            | .75                    | 15.4           | .47    | .63                           | .78            | 1710           | .47               | .63  | .78  |      |
| 71°F (21.7°C)                     | 675  | 20.6  | 1010           | .47            | .61                           | .76            | 1170           | .47               | .62            | .77            | 18.6                          | .47    | .64            | .80               | 1340           | .47   | .64                    | .80            | 17.4           | .48                           | .65            | 1520           | .48               | .65   | .83            | 16.2                   | .49            | .68    | .86                           | 1710           | .49            | .68               | .86  |      |      |
| 710                               | 20.8 | 1010  | .47            | .62            | .77                           | 1170           | .47            | .63               | .79            | 18.8           | .48                           | .65    | .81            | 1340              | .48            | .65   | .81                    | 17.6           | .49            | .67                           | 1520           | .49            | .67               | .84   | 16.4           | .49                    | .69            | .88    | 1720                          | .49            | .69            | .88               |      |      |      |
| <b>4HP15L24P-50 - BCE5C24M*4X</b> |      | 680   | 22.4           | 1380           | .93                           | 1.00           | 1550           | .96               | 1.00           | 1.00           | 20.4                          | .99    | 1.00           | 1.00              | 1750           | .99   | 1.00                   | 1.00           | 19.2           | 1.00                          | 1.00           | 2000           | 1.00              | 1.00  | 1.00           | 18.0                   | 1.00           | 1.00   | 1.00                          | 2320           | 1.00           | 1.00              | 1.00 |      |      |
|                                   |      | 59°F (15°C)                                   | 875            | 24.4           | 1360                          | 1.00           | 1.00           | 1540              | 1.00           | 1.00           | 1.00                          | 22.2   | 1.00           | 1.00              | 1.00           | 1740  | 1.00                   | 1.00           | 1.00           | 20.8                          | 1.00           | 1.00           | 1980              | 1.00  | 1.00           | 1.00                   | 19.4           | 1.00   | 1.00                          | 1.00           | 2310           | 1.00              | 1.00 | 1.00 |      |
|                                   |      | 915   | 24.6           | 1360           | 1.00                          | 1.00           | 1530           | 1.00              | 1.00           | 1.00           | 22.4                          | 1.00   | 1.00           | 1.00              | 1730           | 1.00  | 1.00                   | 1.00           | 21.0           | 1.00                          | 1.00           | 1980           | 1.00              | 1.00  | 1.00           | 19.6                   | 1.00           | 1.00   | 1.00                          | 2300           | 1.00           | 1.00              | 1.00 |      |      |
|                                   |      | 680   | 23.2           | 1370           | .75                           | .89            | 1.00           | 1550              | .77            | .92            | 1.00                          | 20.8   | .79            | .95               | 1.00           | 1750  | .79                    | .95            | 1.00           | 19.4                          | .82            | .98            | 2000              | .82   | .98            | 1.00                   | 18.0           | .85    | 1.00                          | 1.00           | 2330           | .85               | 1.00 | 1.00 |      |
|                                   |      | 63°F (17.2°C)                                 | 875            | 24.6           | 1360                          | .81            | .98            | 1.00              | 1540           | .84            | 1.00                          | 22.0   | .86            | 1.00              | 1.00           | 1730  | .86                    | 1.00           | 1.00           | 20.8                          | .90            | 1.00           | 1990              | .90   | 1.00           | 1.00                   | 19.4           | .94    | 1.00                          | 1.00           | 2310           | .94               | 1.00 | 1.00 |      |
|                                   |      | 915   | 24.8           | 1360           | .83                           | .99            | 1.00           | 1530              | .85            | 1.00           | 1.00                          | 22.4   | .88            | 1.00              | 1.00           | 1730  | .88                    | 1.00           | 1.00           | 21.0                          | .91            | 1.00           | 1990              | .91   | 1.00           | 1.00                   | 19.7           | .96    | 1.00                          | 1.00           | 2310           | .96               | 1.00 | 1.00 |      |
|                                   |      | 680   | 24.8           | 1360           | .59                           | .73            | .86            | 1530              | .60            | .74            | .88                           | 22.2   | .61            | .77               | .91            | 1740  | .61                    | .77            | .91            | 20.6                          | .63            | .79            | 1980              | .63   | .79            | .95                    | 19.1           | .65    | .82                           | .99            | 2310           | .65               | .82  | .99  |      |
|                                   |      | 67°F (19.4°C)                                 | 875            | 26.0           | 1350                          | .63            | .79            | .94               | 1520           | .64            | .81                           | .97    | 23.4           | .66               | .84            | 1.00  | 1720                   | .66            | .84            | 1.00                          | 21.6           | .68            | .87               | 1970  | .68            | .87                    | 1.00           | 20.0   | .70                           | .91            | 1.00           | 2300              | .70  | .91  | 1.00 |
|                                   |      | 915   | 26.2           | 1340           | .64                           | .80            | .96            | 1520              | .65            | .82            | .99                           | 23.4   | .67            | .85               | 1.00           | 1720  | .67                    | .85            | 1.00           | 21.8                          | .69            | .89            | 1970              | .69   | .89            | 1.00                   | 20.0           | .71    | .93                           | 1.00           | 2290           | .71               | .93  | 1.00 |      |
|                                   |      | 680   | 26.0           | 1340           | .45                           | .57            | .70            | 1520              | .45            | .59            | .72                           | 23.4   | .46            | .60               | .74            | 1720  | .46                    | .60            | .74            | 22.0                          | .46            | .61            | 1970              | .46   | .61            | .76                    | 20.4           | .47    | .63                           | .79            | 2290           | .47               | .63  | .79  |      |
| 71°F (21.7°C)                     | 875  | 27.6  | 1330           | .46            | .62                           | .76            | 1500           | .47               | .63            | .79            | 24.8                          | .48    | .64            | .81               | 1700           | .48   | .64                    | .81            | 23.0           | .48                           | .66            | 1950           | .48               | .66   | .84            | 21.4                   | .49            | .69    | .88                           | 2280           | .49            | .69               | .88  |      |      |
| 915                               | 27.8 | 1320  | .47            | .62            | .78                           | 1500           | .47            | .64               | .80            | 25.0           | .48                           | .65    | .82            | 1700              | .48            | .65   | .82                    | 23.2           | .49            | .67                           | 1950           | .49            | .67               | .86   | 21.4           | .50                    | .70            | .90    | 2270                          | .50            | .70            | .90               |      |      |      |



**COOLING PERFORMANCE EXTENDED RATINGS**

Note: Shaded area is AHRI Rating Conditions

| Indoor Wet Bulb Temperature |      | Outdoor Air Temperature Entering Outdoor Coil |             |             |                               |             |             |                   |       |             |                               |             |       |                   |             |             |                        |             |             |                               |       |             |                   |             |       |                        |             |             |                               |             |             |                   |  |  |
|-----------------------------|------|---|-------------|-------------|-------------------------------|-------------|-------------|-------------------|-------|-------------|-------------------------------|-------------|-------|-------------------|-------------|-------------|------------------------|-------------|-------------|-------------------------------|-------|-------------|-------------------|-------------|-------|------------------------|-------------|-------------|-------------------------------|-------------|-------------|-------------------|--|--|
|                             |      | 85° F (29.4° C)                               |             |             |                               |             |             | 95° F (35° C)     |       |             |                               |             |       | 105° F (40.6° C)  |             |             |                        |             |             | 115° F (46.1° C)              |       |             |                   |             |       | 125° F (51.7° C)       |             |             |                               |             |             |                   |  |  |
|                             |      | Total Cooling Capacity                        |             |             | Sensible To Total Ratio (S/T) |             |             | Comp. Motor Watts |       |             | Sensible To Total Ratio (S/T) |             |       | Comp. Motor Watts |             |             | Total Cooling Capacity |             |             | Sensible To Total Ratio (S/T) |       |             | Comp. Motor Watts |             |       | Total Cooling Capacity |             |             | Sensible To Total Ratio (S/T) |             |             | Comp. Motor Watts |  |  |
|                             |      | kBTuh   | 80°F 26.7°C | 85°F 29.4°C | Input                         | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C       | kBTuh | 75°F 23.9°C | 80°F 26.7°C                   | 85°F 29.4°C | Input | 75°F 23.9°C       | 80°F 26.7°C | 85°F 29.4°C | kBTuh                  | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C                   | Input | 75°F 23.9°C | 80°F 26.7°C       | 85°F 29.4°C | kBTuh | 75°F 23.9°C            | 80°F 26.7°C | 85°F 29.4°C | Input                         | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C       |  |  |
|                             |      | <b>4HP15L42P-50 - BCE5C42M*4X</b>             |             |             |                               |             |             |                   |       |             |                               |             |       |                   |             |             |                        |             |             |                               |       |             |                   |             |       |                        |             |             |                               |             |             |                   |  |  |
| 59°F (15°C)                 | 1225 | 39.0  | 2280        | .91         | 1.00                          | 1.00        | 37.8        | 2580              | .94   | 1.00        | 1.00                          | 36.0        | 2930  | .97               | 1.00        | 1.00        | 34.2                   | 3310        | 1.00        | 1.00                          | 1.00  | 32.0        | 3750              | 1.00        | 1.00  | 1.00                   | 32.0        | 3750        | 1.00                          | 1.00        | 1.00        |                   |  |  |
|                             | 1400 | 41.0  | 2280        | .96         | 1.00                          | 1.00        | 39.5        | 2590              | .99   | 1.00        | 1.00                          | 37.4        | 2930  | 1.00              | 1.00        | 1.00        | 35.6                   | 3320        | 1.00        | 1.00                          | 1.00  | 33.4        | 3750              | 1.00        | 1.00  | 1.00                   | 33.4        | 3750        | 1.00                          | 1.00        | 1.00        |                   |  |  |
|                             | 1575 | 42.5  | 2290        | 1.00        | 1.00                          | 1.00        | 40.5        | 2590              | 1.00  | 1.00        | 1.00                          | 39.0        | 2930  | 1.00              | 1.00        | 1.00        | 36.8                   | 3320        | 1.00        | 1.00                          | 1.00  | 34.2        | 3760              | 1.00        | 1.00  | 1.00                   | 34.2        | 3760        | 1.00                          | 1.00        | 1.00        |                   |  |  |
| 63°F (17.2°C)               | 1225 | 40.5  | 2280        | .71         | .87                           | 1.00        | 39.0        | 2590              | .73   | .90         | 1.00                          | 36.8        | 2930  | .75               | .93         | 1.00        | 34.6                   | 3320        | .77         | .96                           | 1.00  | 32.0        | 3760              | .81         | 1.00  | 1.00                   | 32.0        | 3760        | .81                           | 1.00        | 1.00        |                   |  |  |
|                             | 1400 | 42.0  | 2290        | .74         | .92                           | 1.00        | 40.0        | 2580              | .77   | .95         | 1.00                          | 37.8        | 2930  | .79               | .98         | 1.00        | 35.6                   | 3320        | .82         | 1.00                          | 1.00  | 33.2        | 3750              | .86         | 1.00  | 1.00                   | 33.2        | 3750        | .86                           | 1.00        | 1.00        |                   |  |  |
|                             | 1575 | 43.0  | 2290        | .77         | .97                           | 1.00        | 41.0        | 2590              | .80   | .99         | 1.00                          | 39.0        | 2930  | .83               | 1.00        | 1.00        | 36.6                   | 3320        | .86         | 1.00                          | 1.00  | 34.4        | 3760              | .90         | 1.00  | 1.00                   | 34.4        | 3760        | .90                           | 1.00        | 1.00        |                   |  |  |
| 67°F (19.4°C)               | 1225 | 43.0  | 2290        | .56         | .69                           | .83         | 41.0        | 2590              | .57   | .71         | .85                           | 39.0        | 2930  | .58               | .72         | .88         | 36.6                   | 3310        | .59         | .75                           | .92   | 34.0        | 3760              | .61         | .78   | .97                    | 34.0        | 3760        | .61                           | .78         | .97         |                   |  |  |
|                             | 1400 | 44.5  | 2290        | .58         | .72                           | .88         | 42.5        | 2590              | .59   | .74         | .91                           | 40.0        | 2930  | .60               | .76         | .94         | 37.4                   | 3320        | .62         | .79                           | .98   | 34.8        | 3760              | .64         | .83   | 1.00                   | 34.8        | 3760        | .64                           | .83         | 1.00        |                   |  |  |
|                             | 1575 | 45.0  | 2280        | .60         | .75                           | .92         | 43.0        | 2590              | .61   | .77         | .96                           | 40.5        | 2930  | .62               | .80         | .99         | 38.0                   | 3320        | .64         | .84                           | 1.00  | 35.4        | 3760              | .66         | .88   | 1.00                   | 35.4        | 3760        | .66                           | .88         | 1.00        |                   |  |  |
| 71°F (21.7°C)               | 1225 | 45.5  | 2290        | .43         | .55                           | .67         | 43.5        | 2590              | .43   | .56         | .68                           | 41.0        | 2930  | .44               | .57         | .70         | 38.5                   | 3320        | .44         | .58                           | .72   | 36.0        | 3760              | .45         | .60   | .75                    | 36.0        | 3760        | .45                           | .60         | .75         |                   |  |  |
|                             | 1400 | 46.5  | 2290        | .44         | .57                           | .70         | 44.5        | 2590              | .44   | .58         | .72                           | 42.5        | 2930  | .44               | .59         | .74         | 39.5                   | 3320        | .45         | .61                           | .76   | 36.8        | 3760              | .46         | .63   | .80                    | 36.8        | 3760        | .46                           | .63         | .80         |                   |  |  |
|                             | 1575 | 47.5  | 2280        | .44         | .59                           | .73         | 45.5        | 2590              | .45   | .60         | .74                           | 43.0        | 2930  | .45               | .61         | .77         | 40.5                   | 3320        | .46         | .63                           | .81   | 37.6        | 3760              | .47         | .65   | .85                    | 37.6        | 3760        | .47                           | .65         | .85         |                   |  |  |
|                             |      | <b>4HP15L48P-50 - BCE5C48M*4X</b>             |             |             |                               |             |             |                   |       |             |                               |             |       |                   |             |             |                        |             |             |                               |       |             |                   |             |       |                        |             |             |                               |             |             |                   |  |  |
| 59°F (15°C)                 | 1400 | 40.5  | 2800        | .91         | 1.00                          | 1.00        | 39.0        | 3180              | .93   | 1.00        | 1.00                          | 37.2        | 3620  | .96               | 1.00        | 1.00        | 35.2                   | 4120        | 1.00        | 1.00                          | 1.00  | 33.0        | 4680              | 1.00        | 1.00  | 1.00                   | 33.0        | 4680        | 1.00                          | 1.00        | 1.00        |                   |  |  |
|                             | 1595 | 42.5  | 2800        | .95         | 1.00                          | 1.00        | 40.5        | 3190              | .98   | 1.00        | 1.00                          | 38.5        | 3620  | 1.00              | 1.00        | 1.00        | 36.6                   | 4120        | 1.00        | 1.00                          | 1.00  | 34.2        | 4690              | 1.00        | 1.00  | 1.00                   | 34.2        | 4690        | 1.00                          | 1.00        | 1.00        |                   |  |  |
|                             | 1840 | 44.0  | 2800        | 1.00        | 1.00                          | 1.00        | 42.0        | 3190              | 1.00  | 1.00        | 1.00                          | 40.0        | 3630  | 1.00              | 1.00        | 1.00        | 38.0                   | 4130        | 1.00        | 1.00                          | 1.00  | 35.4        | 4690              | 1.00        | 1.00  | 1.00                   | 35.4        | 4690        | 1.00                          | 1.00        | 1.00        |                   |  |  |
| 63°F (17.2°C)               | 1400 | 42.0  | 2800        | .71         | .86                           | 1.00        | 40.0        | 3190              | .72   | .89         | 1.00                          | 38.0        | 3620  | .74               | .92         | 1.00        | 35.6                   | 4120        | .77         | .96                           | 1.00  | 33.0        | 4680              | .81         | 1.00  | 1.00                   | 33.0        | 4680        | .81                           | 1.00        | 1.00        |                   |  |  |
|                             | 1595 | 43.5  | 2810        | .73         | .91                           | 1.00        | 41.0        | 3190              | .76   | .94         | 1.00                          | 39.0        | 3620  | .79               | .98         | 1.00        | 36.6                   | 4120        | .81         | 1.00                          | 1.00  | 34.2        | 4680              | .85         | 1.00  | 1.00                   | 34.2        | 4680        | .85                           | 1.00        | 1.00        |                   |  |  |
|                             | 1840 | 44.5  | 2810        | .78         | .97                           | 1.00        | 42.5        | 3190              | .80   | 1.00        | 1.00                          | 40.5        | 3630  | .83               | 1.00        | 1.00        | 38.0                   | 4120        | .86         | 1.00                          | 1.00  | 35.4        | 4690              | .91         | 1.00  | 1.00                   | 35.4        | 4690        | .91                           | 1.00        | 1.00        |                   |  |  |
| 67°F (19.4°C)               | 1400 | 44.5  | 2810        | .56         | .69                           | .82         | 42.5        | 3190              | .57   | .70         | .85                           | 40.0        | 3630  | .58               | .72         | .88         | 37.8                   | 4130        | .59         | .74                           | .92   | 35.0        | 4690              | .61         | .78   | .97                    | 35.0        | 4690        | .61                           | .78         | .97         |                   |  |  |
|                             | 1595 | 45.5  | 2810        | .57         | .71                           | .87         | 43.5        | 3200              | .59   | .73         | .90                           | 41.5        | 3640  | .60               | .76         | .93         | 38.5                   | 4130        | .61         | .79                           | .98   | 35.8        | 4690              | .63         | .83   | 1.00                   | 35.8        | 4690        | .63                           | .83         | 1.00        |                   |  |  |
|                             | 1840 | 47.0  | 2810        | .60         | .75                           | .93         | 44.5        | 3200              | .61   | .77         | .96                           | 42.0        | 3640  | .62               | .80         | .99         | 39.5                   | 4130        | .64         | .84                           | 1.00  | 36.4        | 4700              | .66         | .89   | 1.00                   | 36.4        | 4700        | .66                           | .89         | 1.00        |                   |  |  |
| 71°F (21.7°C)               | 1400 | 47.0  | 2810        | .43         | .55                           | .66         | 45.0        | 3200              | .43   | .55         | .68                           | 42.5        | 3640  | .43               | .57         | .70         | 40.0                   | 4140        | .44         | .58                           | .72   | 37.0        | 4700              | .45         | .60   | .75                    | 37.0        | 4700        | .45                           | .60         | .75         |                   |  |  |
|                             | 1595 | 48.0  | 2820        | .43         | .56                           | .69         | 46.0        | 3200              | .44   | .57         | .71                           | 43.5        | 3640  | .44               | .59         | .73         | 41.0                   | 4140        | .45         | .60                           | .76   | 37.8        | 4700              | .46         | .62   | .80                    | 37.8        | 4700        | .46                           | .62         | .80         |                   |  |  |
|                             | 1840 | 49.5  | 2820        | .44         | .59                           | .72         | 47.0        | 3210              | .45   | .60         | .75                           | 44.5        | 3650  | .45               | .61         | .77         | 42.0                   | 4150        | .46         | .63                           | .81   | 38.5        | 4710              | .47         | .66   | .86                    | 38.5        | 4710        | .47                           | .66         | .86         |                   |  |  |

### COOLING PERFORMANCE EXTENDED RATINGS

Note: Shaded area is AHRI Rating Conditions

| Indoor Wet Bulb Temperature |      | Outdoor Air Temperature Entering Outdoor Coil |                         |                               |                        |       |             |                         |             |       |                               |             |             |                        |       |       |                         |             |             |                               |       |             |                        |             |       |                         |             |             |                               |       |       |                        |             |             |                         |  |  |
|-----------------------------|------|---|-------------------------|-------------------------------|------------------------|-------|-------------|-------------------------|-------------|-------|-------------------------------|-------------|-------------|------------------------|-------|-------|-------------------------|-------------|-------------|-------------------------------|-------|-------------|------------------------|-------------|-------|-------------------------|-------------|-------------|-------------------------------|-------|-------|------------------------|-------------|-------------|-------------------------|--|--|
|                             |      | 85° F (29.4° C)                               |                         |                               |                        |       |             | 95° F (35° C)           |             |       |                               |             |             | 105° F (40.6° C)       |       |       |                         |             |             | 115° F (46.1° C)              |       |             |                        |             |       | 125° F (51.7° C)        |             |             |                               |       |       |                        |             |             |                         |  |  |
|                             |      | Sensible To Total Ratio (S/T)                 |                         |                               | Total Cooling Capacity |       |             | Comp. Motor Watts Input |             |       | Sensible To Total Ratio (S/T) |             |             | Total Cooling Capacity |       |       | Comp. Motor Watts Input |             |             | Sensible To Total Ratio (S/T) |       |             | Total Cooling Capacity |             |       | Comp. Motor Watts Input |             |             | Sensible To Total Ratio (S/T) |       |       | Total Cooling Capacity |             |             | Comp. Motor Watts Input |  |  |
|                             |      | Total Cooling Capacity                        | Comp. Motor Watts Input | Sensible To Total Ratio (S/T) | kBtuh                  | kBtuh | 85°F 29.4°C | 80°F 26.7°C             | 75°F 23.9°C | kBtuh | kBtuh                         | 85°F 29.4°C | 80°F 26.7°C | 75°F 23.9°C            | kBtuh | kBtuh | 85°F 29.4°C             | 80°F 26.7°C | 75°F 23.9°C | kBtuh                         | kBtuh | 85°F 29.4°C | 80°F 26.7°C            | 75°F 23.9°C | kBtuh | kBtuh                   | 85°F 29.4°C | 80°F 26.7°C | 75°F 23.9°C                   | kBtuh | kBtuh | 85°F 29.4°C            | 80°F 26.7°C | 75°F 23.9°C |                         |  |  |
| Total Air Volume            | cfm  | <b>4HP15L60P-50 - BCE5C60M*4X</b>             |                         |                               |                        |       |             |                         |             |       |                               |             |             |                        |       |       |                         |             |             |                               |       |             |                        |             |       |                         |             |             |                               |       |       |                        |             |             |                         |  |  |
| 59°F (15°C)                 | 1565 | 53.5  | 3430                    | .90                           | 1.00                   | 1.00  | 3860        | .92                     | 1.00        | 1.00  | 49.5                          | 4350        | .94         | 1.00                   | 1.00  | 470   | 4910                    | .97         | 1.00        | 1.00                          | 44.0  | 5580        | .99                    | 1.00        | 1.00  | 5580                    | .99         | 1.00        | 1.00                          | 44.0  | 5580  | .99                    | 1.00        | 1.00        |                         |  |  |
|                             | 1800 | 56.0  | 3430                    | .93                           | 1.00                   | 1.00  | 3860        | .96                     | 1.00        | 1.00  | 51.5                          | 4350        | .98         | 1.00                   | 1.00  | 485   | 4910                    | 1.00        | 1.00        | 1.00                          | 45.5  | 5570        | 1.00                   | 1.00        | 1.00  | 5570                    | 1.00        | 1.00        | 1.00                          | 45.5  | 5570  | 1.00                   | 1.00        | 1.00        |                         |  |  |
|                             | 2005 | 58.0  | 3420                    | .97                           | 1.00                   | 1.00  | 3860        | .99                     | 1.00        | 1.00  | 53.0                          | 4350        | 1.00        | 1.00                   | 1.00  | 50.5  | 4910                    | 1.00        | 1.00        | 1.00                          | 47.0  | 5580        | 1.00                   | 1.00        | 1.00  | 5580                    | 1.00        | 1.00        | 1.00                          | 47.0  | 5580  | 1.00                   | 1.00        | 1.00        |                         |  |  |
| 63°F (17.2°C)               | 1565 | 56.5  | 3430                    | .73                           | .86                    | .98   | 3860        | .75                     | .88         | 1.00  | 51.0                          | 4350        | .76         | .90                    | 1.00  | 47.5  | 4910                    | .78         | .94         | 1.00                          | 44.5  | 5570        | .81                    | .97         | 1.00  | 5570                    | .81         | .97         | 1.00                          | 44.5  | 5570  | .81                    | .97         | 1.00        |                         |  |  |
|                             | 1800 | 58.0  | 3420                    | .76                           | .90                    | 1.00  | 3860        | .77                     | .92         | 1.00  | 52.5                          | 4350        | .79         | .95                    | 1.00  | 49.0  | 4910                    | .82         | .98         | 1.00                          | 45.5  | 5580        | .85                    | 1.00        | 1.00  | 5580                    | .85         | 1.00        | 1.00                          | 45.5  | 5580  | .85                    | 1.00        | 1.00        |                         |  |  |
|                             | 2005 | 59.5  | 3420                    | .78                           | .93                    | 1.00  | 3860        | .80                     | .96         | 1.00  | 53.5                          | 4350        | .82         | .99                    | 1.00  | 50.5  | 4910                    | .85         | 1.00        | 1.00                          | 47.0  | 5580        | .88                    | 1.00        | 1.00  | 5580                    | .88         | 1.00        | 1.00                          | 47.0  | 5580  | .88                    | 1.00        | 1.00        |                         |  |  |
| 67°F (19.4°C)               | 1565 | 59.5  | 3420                    | .58                           | .70                    | .83   | 3860        | .59                     | .72         | .85   | 54.0                          | 4350        | .60         | .74                    | .87   | 50.5  | 4910                    | .61         | .76         | .90                           | 47.0  | 5580        | .63                    | .78         | .94   | 5580                    | .63         | .78         | .94                           | 47.0  | 5580  | .63                    | .78         | .94         |                         |  |  |
|                             | 1800 | 61.0  | 3410                    | .60                           | .73                    | .86   | 3860        | .61                     | .75         | .89   | 55.0                          | 4350        | .62         | .77                    | .92   | 52.0  | 4910                    | .63         | .79         | .95                           | 48.0  | 5580        | .65                    | .83         | .99   | 5580                    | .65         | .83         | .99                           | 48.0  | 5580  | .65                    | .83         | .99         |                         |  |  |
|                             | 2005 | 62.5  | 3410                    | .61                           | .76                    | .90   | 3860        | .62                     | .77         | .92   | 56.5                          | 4350        | .64         | .80                    | .95   | 53.0  | 4910                    | .65         | .82         | .99                           | 49.0  | 5580        | .67                    | .86         | 1.00  | 5580                    | .67         | .86         | 1.00                          | 49.0  | 5580  | .67                    | .86         | 1.00        |                         |  |  |
| 71°F (21.7°C)               | 1565 | 62.5  | 3410                    | .45                           | .57                    | .68   | 3850        | .45                     | .57         | .70   | 57.0                          | 4350        | .45         | .58                    | .71   | 53.5  | 4910                    | .46         | .60         | .73                           | 50.0  | 5580        | .46                    | .61         | .76   | 5580                    | .46         | .61         | .76                           | 50.0  | 5580  | .46                    | .61         | .76         |                         |  |  |
|                             | 1800 | 64.5  | 3410                    | .45                           | .59                    | .71   | 3850        | .46                     | .59         | .72   | 58.5                          | 4350        | .46         | .60                    | .74   | 55.0  | 4910                    | .47         | .62         | .77                           | 51.0  | 5580        | .48                    | .64         | .80   | 5580                    | .48         | .64         | .80                           | 51.0  | 5580  | .48                    | .64         | .80         |                         |  |  |
|                             | 2005 | 66.0  | 3400                    | .46                           | .60                    | .73   | 3850        | .46                     | .61         | .75   | 59.5                          | 4350        | .47         | .62                    | .77   | 56.0  | 4920                    | .48         | .64         | .80                           | 52.0  | 5580        | .48                    | .66         | .83   | 5580                    | .48         | .66         | .83                           | 52.0  | 5580  | .48                    | .66         | .83         |                         |  |  |

**HEATING PERFORMANCE EXTENDED RATINGS**

**BHP15L18P - BCE5C18M\*4X**

| Indoor Coil<br>Air Volume<br>70°F db<br>(28°C db) |     | Air Temperature Entering Outdoor Coil |     |                         |      |                        |      |                         |     |                        |     |                         |     |                        |     |                         |                        |       |                         |  |
|---|-----|---------------------------------------|-----|-------------------------|------|------------------------|------|-------------------------|-----|------------------------|-----|-------------------------|-----|------------------------|-----|-------------------------|------------------------|-------|-------------------------|--|
|   |     | 65°F (18°C)                           |     |                         |      | 45°F (7°C)             |      |                         |     | 25°F (-4°C)            |     |                         |     | 5°F (-15°C)            |     |                         | -15°F (-28°C)          |       |                         |  |
|   |     | Total Heating Capacity                |     | Comp. Motor Watts Input |      | Total Heating Capacity |      | Comp. Motor Watts Input |     | Total Heating Capacity |     | Comp. Motor Watts Input |     | Total Heating Capacity |     | Comp. Motor Watts Input | Total Heating Capacity |       | Comp. Motor Watts Input |  |
| CFM   | L/s | kBtuh                                 | kW  | kBtuh                   | kW   | kBtuh                  | kW   | kBtuh                   | kW  | kBtuh                  | kW  | kBtuh                   | kW  | kBtuh                  | kW  | kBtuh                   | kW                     | kBtuh | kW                      |  |
| 525   | 250 | 21                                    | 6.2 | 1260                    | 16.3 | 4.8                    | 1185 | 11.4                    | 3.3 | 1105                   | 7.5 | 2.2                     | 995 | 3.5                    | 1   | 740                     |                        |       |                         |  |
| 675   | 320 | 21.7                                  | 6.4 | 1180                    | 17   | 5                      | 1105 | 12.1                    | 3.5 | 1030                   | 8.2 | 2.4                     | 915 | 4.2                    | 1.2 | 665                     |                        |       |                         |  |
| 710   | 335 | 21.8                                  | 6.4 | 1170                    | 17.1 | 5                      | 1095 | 12.3                    | 3.6 | 1015                   | 8.4 | 2.5                     | 905 | 4.4                    | 1.3 | 655                     |                        |       |                         |  |

| Outdoor Temp.             | °F    | 65   | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   | -10  | -15  | -20  |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                           | °C    | 18   | 16   | 13   | 10   | 8    | 7    | 4    | 2    | -1   | -4   | -7   | -8   | -9   | -12  | -15  | -18  | -21  | -23  | -26  | -29  |
| Compressor Motor kW Input |       | 1.18 | 1.17 | 1.15 | 1.13 | 1.12 | 1.11 | 1.08 | 1.06 | 1.05 | 1.03 | 1.02 | 1.01 | 1    | 0.98 | 0.92 | 0.86 | 0.79 | 0.73 | 0.67 | 0.61 |
| Total Output              | kBtuh | 21.7 | 20.6 | 19.4 | 18.3 | 17.6 | 17   | 15.4 | 13.8 | 12.9 | 12.1 | 11.3 | 10.8 | 10.3 | 9.2  | 8.2  | 7.2  | 6.2  | 5.2  | 4.2  | 3.2  |
|                           | kW    | 6.4  | 6    | 5.7  | 5.4  | 5.2  | 5    | 4.5  | 4    | 3.8  | 3.5  | 3.3  | 3.2  | 3    | 2.7  | 2.4  | 2.1  | 1.8  | 1.5  | 1.2  | 0.9  |

|      | Inputs   |         |     |          |         |     |         |         |  |
|------|----------|---------|-----|----------|---------|-----|---------|---------|--|
|      | Cap      | Watts   |     | Cap      | Watts   |     |         |         |  |
|      | Low      |         | Med |          | High    |     |         |         |  |
|      | CFM      | 525     |     | 675      |         | 710 |         |         |  |
| 47°F | 16900.35 | 1192.29 |     | 17606.7  | 1115.91 |     | 17749.6 | 1103.96 |  |
| 35°F | ---      | ---     |     | 13775.95 | 1057.75 |     | ---     | ---     |  |
| 17°F | ---      | ---     |     | 10801.4  | 1005.28 |     | ---     | ---     |  |

**BHP15L24P - BCE5C24M\*4X**

| Indoor Coil<br>Air Volume<br>70°F db<br>(28°C db) |     | Air Temperature Entering Outdoor Coil |     |                         |      |                        |      |                         |     |                        |      |                         |      |                        |     |                         |                        |       |                         |       |    |
|---|-----|---------------------------------------|-----|-------------------------|------|------------------------|------|-------------------------|-----|------------------------|------|-------------------------|------|------------------------|-----|-------------------------|------------------------|-------|-------------------------|-------|----|
|   |     | 65°F (18°C)                           |     |                         |      | 45°F (7°C)             |      |                         |     | 25°F (-4°C)            |      |                         |      | 5°F (-15°C)            |     |                         | -15°F (-28°C)          |       |                         |       |    |
|   |     | Total Heating Capacity                |     | Comp. Motor Watts Input |      | Total Heating Capacity |      | Comp. Motor Watts Input |     | Total Heating Capacity |      | Comp. Motor Watts Input |      | Total Heating Capacity |     | Comp. Motor Watts Input | Total Heating Capacity |       | Comp. Motor Watts Input |       |    |
| CFM   | L/s | kBtuh                                 | kW  | kBtuh                   | kW   | kBtuh                  | kW   | kBtuh                   | kW  | kBtuh                  | kW   | kBtuh                   | kW   | kBtuh                  | kW  | kBtuh                   | kW                     | kBtuh | kW                      | kBtuh | kW |
| 680   | 320 | 26.2                                  | 7.7 | 1510                    | 20.5 | 6                      | 1445 | 14.6                    | 4.3 | 1375                   | 10.3 | 3                       | 1255 | 4.9                    | 1.4 | 935                     |                        |       |                         |       |    |
| 875   | 415 | 26.9                                  | 7.9 | 1420                    | 21.3 | 6.2                    | 1350 | 15.3                    | 4.5 | 1280                   | 11   | 3.2                     | 1165 | 5.6                    | 1.6 | 840                     |                        |       |                         |       |    |
| 915   | 430 | 27                                    | 7.9 | 1405                    | 21.4 | 6.3                    | 1335 | 15.4                    | 4.5 | 1270                   | 11.1 | 3.3                     | 1150 | 5.7                    | 1.7 | 825                     |                        |       |                         |       |    |

| Outdoor Temp.             | °F    | 65   | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5  | -10  | -15  | -20  |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|
|                           | °C    | 18   | 16   | 13   | 10   | 8    | 7    | 4    | 2    | -1   | -4   | -7   | -8   | -9   | -12  | -15  | -18  | -21 | -23  | -26  | -29  |
| Compressor Motor kW Input |       | 1.42 | 1.41 | 1.39 | 1.37 | 1.36 | 1.35 | 1.33 | 1.31 | 1.29 | 1.28 | 1.27 | 1.27 | 1.26 | 1.25 | 1.17 | 1.08 | 1   | 0.92 | 0.84 | 0.76 |
| Total Output              | kBtuh | 26.9 | 25.6 | 24.3 | 23   | 22.2 | 21.3 | 19   | 16.7 | 16   | 15.3 | 14.7 | 14.3 | 13.7 | 12.4 | 11   | 9.7  | 8.3 | 7    | 5.6  | 4.3  |
|                           | kW    | 7.9  | 7.5  | 7.1  | 6.7  | 6.5  | 6.2  | 5.6  | 4.9  | 4.7  | 4.5  | 4.3  | 4.2  | 4    | 3.6  | 3.2  | 2.8  | 2.4 | 2.1  | 1.6  | 1.3  |

|      | Inputs   |         |     |          |         |     |          |        |  |
|------|----------|---------|-----|----------|---------|-----|----------|--------|--|
|      | Cap      | Watts   |     | Cap      | Watts   |     |          |        |  |
|      | Low      |         | Med |          | High    |     |          |        |  |
|      | CFM      | 680     |     | 875      |         | 915 |          |        |  |
| 47°F | 21467.02 | 1454.64 |     | 22183.98 | 1361.53 |     | 22282.86 | 1347.1 |  |
| 35°F | ---      | ---     |     | 16660.5  | 1302.64 |     | ---      | ---    |  |
| 17°F | ---      | ---     |     | 14252.45 | 1265.89 |     | ---      | ---    |  |

**HEATING PERFORMANCE EXTENDED RATINGS**

**BHP15L30P - BCE5C30M\*4X**

| Indoor Coil<br>Air Volume<br>70°F db<br>(28°C db) |     | Air Temperature Entering Outdoor Coil |     |                         |      |                        |      |                         |     |                        |      |                         |      |                        |     |                         |                        |       |                         |  |
|---|-----|---------------------------------------|-----|-------------------------|------|------------------------|------|-------------------------|-----|------------------------|------|-------------------------|------|------------------------|-----|-------------------------|------------------------|-------|-------------------------|--|
|   |     | 65°F (18°C)                           |     |                         |      | 45°F (7°C)             |      |                         |     | 25°F (-4°C)            |      |                         |      | 5°F (-15°C)            |     |                         | -15°F (-28°C)          |       |                         |  |
|   |     | Total Heating Capacity                |     | Comp. Motor Watts Input |      | Total Heating Capacity |      | Comp. Motor Watts Input |     | Total Heating Capacity |      | Comp. Motor Watts Input |      | Total Heating Capacity |     | Comp. Motor Watts Input | Total Heating Capacity |       | Comp. Motor Watts Input |  |
| CFM   | L/s | kBtuh                                 | kW  | kBtuh                   | kW   | kBtuh                  | kW   | kBtuh                   | kW  | kBtuh                  | kW   | kBtuh                   | kW   | kBtuh                  | kW  | kBtuh                   | kW                     | kBtuh | kW                      |  |
| 845   | 400 | 31.9                                  | 9.3 | 1870                    | 25.1 | 7.4                    | 1765 | 18                      | 5.3 | 1660                   | 12.9 | 3.8                     | 1485 | 6.2                    | 1.8 | 1105                    | 6.2                    | 1.8   | 1105                    |  |
| 1025  | 485 | 32.7                                  | 9.6 | 1780                    | 25.9 | 7.6                    | 1675 | 18.7                    | 5.5 | 1570                   | 13.6 | 4                       | 1395 | 6.9                    | 2   | 1010                    | 6.9                    | 2     | 1010                    |  |
| 1150  | 545 | 33.1                                  | 9.7 | 1735                    | 26.3 | 7.7                    | 1630 | 19.2                    | 5.6 | 1525                   | 14   | 4.1                     | 1350 | 7.3                    | 2.1 | 965                     | 7.3                    | 2.1   | 965                     |  |

| Outdoor Temp.             | °F    | 65   | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   | -10  | -15  | -20  |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                           | °C    | 18   | 16   | 13   | 10   | 8    | 7    | 4    | 2    | -1   | -4   | -7   | -8   | -9   | -12  | -15  | -18  | -21  | -23  | -26  | -29  |
| Compressor Motor kW Input |       | 1.78 | 1.76 | 1.73 | 1.7  | 1.69 | 1.68 | 1.65 | 1.63 | 1.6  | 1.57 | 1.55 | 1.53 | 1.52 | 1.49 | 1.4  | 1.3  | 1.21 | 1.11 | 1.01 | 0.92 |
| Total Output              | kBtuh | 32.7 | 31.1 | 29.5 | 27.9 | 27   | 25.9 | 23.1 | 20.3 | 19.5 | 18.7 | 18   | 17.5 | 16.9 | 15.3 | 13.6 | 11.9 | 10.3 | 8.6  | 6.9  | 5.2  |
|                           | kW    | 9.6  | 9.1  | 8.6  | 8.2  | 7.9  | 7.6  | 6.8  | 5.9  | 5.7  | 5.5  | 5.3  | 5.1  | 5    | 4.5  | 4    | 3.5  | 3    | 2.5  | 2    | 1.5  |

|      | Inputs   |         |     |          |         |      |          |         |  |
|------|----------|---------|-----|----------|---------|------|----------|---------|--|
|      | Cap      | Watts   |     | Cap      | Watts   |      |          |         |  |
|      | Low      |         | Med |          | High    |      |          |         |  |
|      | CFM      | 845     |     | 1025     |         | 1150 |          |         |  |
| 47°F | 26232.35 | 1774.89 |     | 26984.67 | 1684.66 |      | 27402.72 | 1639.43 |  |
| 35°F | ---      | ---     |     | 20291.08 | 1626.71 |      | ---      | ---     |  |
| 17°F | ---      | ---     |     | 17491.01 | 1527.58 |      | ---      | ---     |  |

**BHP15L36P - BCE5C36M\*4X**

| Indoor Coil<br>Air Volume<br>70°F db<br>(28°C db) |     | Air Temperature Entering Outdoor Coil |      |                         |      |                        |      |                         |     |                        |      |                         |      |                        |     |                         |                        |       |                         |       |    |
|---|-----|---------------------------------------|------|-------------------------|------|------------------------|------|-------------------------|-----|------------------------|------|-------------------------|------|------------------------|-----|-------------------------|------------------------|-------|-------------------------|-------|----|
|   |     | 65°F (18°C)                           |      |                         |      | 45°F (7°C)             |      |                         |     | 25°F (-4°C)            |      |                         |      | 5°F (-15°C)            |     |                         | -15°F (-28°C)          |       |                         |       |    |
|   |     | Total Heating Capacity                |      | Comp. Motor Watts Input |      | Total Heating Capacity |      | Comp. Motor Watts Input |     | Total Heating Capacity |      | Comp. Motor Watts Input |      | Total Heating Capacity |     | Comp. Motor Watts Input | Total Heating Capacity |       | Comp. Motor Watts Input |       |    |
| CFM   | L/s | kBtuh                                 | kW   | kBtuh                   | kW   | kBtuh                  | kW   | kBtuh                   | kW  | kBtuh                  | kW   | kBtuh                   | kW   | kBtuh                  | kW  | kBtuh                   | kW                     | kBtuh | kW                      | kBtuh | kW |
| 1050  | 495 | 37.2                                  | 10.9 | 2225                    | 29.3 | 8.6                    | 2085 | 21.1                    | 6.2 | 1945                   | 14.8 | 4.3                     | 1750 | 7.2                    | 2.1 | 1290                    | 7.2                    | 2.1   | 1290                    |       |    |
| 1201  | 565 | 37.9                                  | 11.1 | 2155                    | 30   | 8.8                    | 2015 | 21.8                    | 6.4 | 1875                   | 15.5 | 4.5                     | 1680 | 7.9                    | 2.3 | 1220                    | 7.9                    | 2.3   | 1220                    |       |    |
| 1350  | 635 | 38.4                                  | 11.3 | 2095                    | 30.5 | 8.9                    | 1960 | 22.3                    | 6.5 | 1815                   | 16   | 4.7                     | 1620 | 8.4                    | 2.5 | 1160                    | 8.4                    | 2.5   | 1160                    |       |    |

| Outdoor Temp.             | °F    | 65   | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30  | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   | -10  | -15  | -20  |
|---------------------------|-------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|
|                           | °C    | 18   | 16   | 13   | 10   | 8    | 7    | 4    | 2    | -1  | -4   | -7   | -8   | -9   | -12  | -15  | -18  | -21  | -23  | -26  | -29  |
| Compressor Motor kW Input |       | 2.16 | 2.12 | 2.09 | 2.06 | 2.04 | 2.02 | 1.97 | 1.92 | 1.9 | 1.88 | 1.85 | 1.84 | 1.83 | 1.79 | 1.68 | 1.57 | 1.45 | 1.34 | 1.22 | 1.11 |
| Total Output              | kBtuh | 37.9 | 36   | 34.1 | 32.3 | 31.2 | 30   | 27   | 24.1 | 23  | 21.8 | 20.7 | 20   | 19.2 | 17.4 | 15.5 | 13.6 | 11.7 | 9.8  | 7.9  | 6    |
|                           | kW    | 11.1 | 10.6 | 10   | 9.5  | 9.1  | 8.8  | 7.9  | 7.1  | 6.7 | 6.4  | 6.1  | 5.9  | 5.6  | 5.1  | 4.5  | 4    | 3.4  | 2.9  | 2.3  | 1.8  |

|      | Inputs  |         |     |          |         |      |          |         |  |
|------|---------|---------|-----|----------|---------|------|----------|---------|--|
|      | Cap     | Watts   |     | Cap      | Watts   |      |          |         |  |
|      | Low     |         | Med |          | High    |      |          |         |  |
|      | CFM     | 1050    |     | 1201     |         | 1350 |          |         |  |
| 47°F | 30449.5 | 2105.32 |     | 31158.56 | 2035.3  |      | 31648.75 | 1977.59 |  |
| 35°F | ---     | ---     |     | 24095.88 | 1920.62 |      | ---      | ---     |  |
| 17°F | ---     | ---     |     | 19986.46 | 1838.43 |      | ---      | ---     |  |

**HEATING PERFORMANCE EXTENDED RATINGS**

**BHP15L42P - BCE5C42M\*4X**

| Indoor Coil<br>Air Volume<br>70°F db<br>(28°C db) |     | Air Temperature Entering Outdoor Coil |      |                         |      |                        |      |                         |     |                        |      |                         |      |                        |     |                         |                        |       |                         |  |
|---|-----|---------------------------------------|------|-------------------------|------|------------------------|------|-------------------------|-----|------------------------|------|-------------------------|------|------------------------|-----|-------------------------|------------------------|-------|-------------------------|--|
|   |     | 65°F (18°C)                           |      |                         |      | 45°F (7°C)             |      |                         |     | 25°F (-4°C)            |      |                         |      | 5°F (-15°C)            |     |                         | -15°F (-28°C)          |       |                         |  |
|   |     | Total Heating Capacity                |      | Comp. Motor Watts Input |      | Total Heating Capacity |      | Comp. Motor Watts Input |     | Total Heating Capacity |      | Comp. Motor Watts Input |      | Total Heating Capacity |     | Comp. Motor Watts Input | Total Heating Capacity |       | Comp. Motor Watts Input |  |
| CFM   | L/s | kBtuh                                 | kW   | kBtuh                   | kW   | kBtuh                  | kW   | kBtuh                   | kW  | kBtuh                  | kW   | kBtuh                   | kW   | kBtuh                  | kW  | kBtuh                   | kW                     | kBtuh | kW                      |  |
| 1225  | 580 | 47                                    | 13.8 | 3225                    | 37.3 | 10.9                   | 2920 | 27                      | 7.9 | 2600                   | 19.8 | 5.8                     | 2330 | 9.7                    | 2.8 | 1745                    |                        |       |                         |  |
| 1400  | 660 | 47.7                                  | 14   | 3090                    | 38   | 11.1                   | 2790 | 27.7                    | 8.1 | 2470                   | 20.5 | 6                       | 2200 | 10.4                   | 3   | 1610                    |                        |       |                         |  |
| 1575  | 745 | 48.4                                  | 14.2 | 2990                    | 38.7 | 11.3                   | 2690 | 28.5                    | 8.4 | 2365                   | 21.2 | 6.2                     | 2100 | 11.1                   | 3.3 | 1510                    |                        |       |                         |  |

| Outdoor Temp.             | °F    | 65   | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   | -10  | -15  | -20  |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                           | °C    | 18   | 16   | 13   | 10   | 8    | 7    | 4    | 2    | -1   | -4   | -7   | -8   | -9   | -12  | -15  | -18  | -21  | -23  | -26  | -29  |
| Compressor Motor kW Input |       | 3.09 | 3.03 | 2.96 | 2.89 | 2.85 | 2.79 | 2.65 | 2.5  | 2.49 | 2.47 | 2.45 | 2.44 | 2.42 | 2.35 | 2.2  | 2.06 | 1.91 | 1.76 | 1.61 | 1.47 |
| Total Output              | kBtuh | 47.7 | 45.4 | 43.2 | 41   | 39.6 | 38   | 33.8 | 29.7 | 28.7 | 27.7 | 26.8 | 26.2 | 25.3 | 23   | 20.5 | 18   | 15.4 | 12.9 | 10.4 | 7.9  |
|                           | kW    | 14   | 13.3 | 12.7 | 12   | 11.6 | 11.1 | 9.9  | 8.7  | 8.4  | 8.1  | 7.9  | 7.7  | 7.4  | 6.7  | 6    | 5.3  | 4.5  | 3.8  | 3    | 2.3  |

|      | Inputs   |  |         |  |          |  |
|------|----------|--|---------|--|----------|--|
|      | Cap      |  | Watts   |  | Watts    |  |
|      | Low      |  | Med     |  | High     |  |
| CFM  | 1225     |  | 1400    |  | 1575     |  |
| 47°F | 38902.39 |  | 2980.24 |  | 39611.37 |  |
| 35°F | ---      |  | ---     |  | 29698.14 |  |
| 17°F | ---      |  | ---     |  | 26173.52 |  |

**BHP15L48P - BCE5C48M\*4X**

| Indoor Coil<br>Air Volume<br>70°F db<br>(28°C db) |     | Air Temperature Entering Outdoor Coil |      |                         |      |                        |      |                         |     |                        |      |                         |      |                        |     |                         |                        |       |                         |  |
|---|-----|---------------------------------------|------|-------------------------|------|------------------------|------|-------------------------|-----|------------------------|------|-------------------------|------|------------------------|-----|-------------------------|------------------------|-------|-------------------------|--|
|   |     | 65°F (18°C)                           |      |                         |      | 45°F (7°C)             |      |                         |     | 25°F (-4°C)            |      |                         |      | 5°F (-15°C)            |     |                         | -15°F (-28°C)          |       |                         |  |
|   |     | Total Heating Capacity                |      | Comp. Motor Watts Input |      | Total Heating Capacity |      | Comp. Motor Watts Input |     | Total Heating Capacity |      | Comp. Motor Watts Input |      | Total Heating Capacity |     | Comp. Motor Watts Input | Total Heating Capacity |       | Comp. Motor Watts Input |  |
| CFM   | L/s | kBtuh                                 | kW   | kBtuh                   | kW   | kBtuh                  | kW   | kBtuh                   | kW  | kBtuh                  | kW   | kBtuh                   | kW   | kBtuh                  | kW  | kBtuh                   | kW                     | kBtuh | kW                      |  |
| 1400  | 660 | 55.9                                  | 16.4 | 3715                    | 43.5 | 12.7                   | 3355 | 30.6                    | 9   | 2980                   | 21.5 | 6.3                     | 2625 | 10.6                   | 3.1 | 1965                    |                        |       |                         |  |
| 1596  | 755 | 56.7                                  | 16.6 | 3570                    | 44.3 | 13                     | 3210 | 31.4                    | 9.2 | 2835                   | 22.3 | 6.5                     | 2485 | 11.4                   | 3.3 | 1825                    |                        |       |                         |  |
| 1840  | 870 | 57.4                                  | 16.8 | 3445                    | 45   | 13.2                   | 3085 | 32.1                    | 9.4 | 2710                   | 23   | 6.7                     | 2355 | 12.1                   | 3.5 | 1695                    |                        |       |                         |  |

| Outdoor Temp.             | °F    | 65   | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   | -10  | -15  | -20  |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                           | °C    | 18   | 16   | 13   | 10   | 8    | 7    | 4    | 2    | -1   | -4   | -7   | -8   | -9   | -12  | -15  | -18  | -21  | -23  | -26  | -29  |
| Compressor Motor kW Input |       | 3.57 | 3.49 | 3.41 | 3.32 | 3.27 | 3.21 | 3.07 | 2.93 | 2.88 | 2.84 | 2.79 | 2.77 | 2.73 | 2.65 | 2.49 | 2.32 | 2.16 | 1.99 | 1.83 | 1.66 |
| Total Output              | kBtuh | 56.7 | 53.8 | 51   | 48.1 | 46.3 | 44.3 | 39.4 | 34.4 | 32.9 | 31.4 | 29.9 | 29   | 27.9 | 25   | 22.3 | 19.6 | 16.9 | 14.1 | 11.4 | 8.7  |
|                           | kW    | 16.6 | 15.8 | 14.9 | 14.1 | 13.6 | 13   | 11.5 | 10.1 | 9.6  | 9.2  | 8.8  | 8.5  | 8.2  | 7.3  | 6.5  | 5.7  | 5    | 4.1  | 3.3  | 2.5  |

|      | Inputs   |  |         |  |          |  |
|------|----------|--|---------|--|----------|--|
|      | Cap      |  | Watts   |  | Watts    |  |
|      | Low      |  | Med     |  | High     |  |
| CFM  | 1400     |  | 1596    |  | 1840     |  |
| 47°F | 45521.16 |  | 3412.83 |  | 46347.87 |  |
| 35°F | ---      |  | ---     |  | 34352.78 |  |
| 17°F | ---      |  | ---     |  | 29049.51 |  |

**HEATING PERFORMANCE EXTENDED RATINGS**

**BHP15L60P - BCE5C60M\*4X**

| Indoor Coil<br>Air Volume<br>70°F db<br>(28°C db) |     | Air Temperature Entering Outdoor Coil |      |                         |      |                        |      |                         |      |                        |      |                         |      |                        |     |                         |    |                        |    |                         |  |
|---|-----|---------------------------------------|------|-------------------------|------|------------------------|------|-------------------------|------|------------------------|------|-------------------------|------|------------------------|-----|-------------------------|----|------------------------|----|-------------------------|--|
|   |     | 65°F (18°C)                           |      |                         |      | 45°F (7°C)             |      |                         |      | 25°F (-4°C)            |      |                         |      | 5°F (-15°C)            |     |                         |    | -15°F (-28°C)          |    |                         |  |
|   |     | Total Heating Capacity                |      | Comp. Motor Watts Input |      | Total Heating Capacity |      | Comp. Motor Watts Input |      | Total Heating Capacity |      | Comp. Motor Watts Input |      | Total Heating Capacity |     | Comp. Motor Watts Input |    | Total Heating Capacity |    | Comp. Motor Watts Input |  |
| CFM   | L/s | kBtuh                                 | kW   | kBtuh                   | kW   | kBtuh                  | kW   | kBtuh                   | kW   | kBtuh                  | kW   | kBtuh                   | kW   | kBtuh                  | kW  | kBtuh                   | kW | kBtuh                  | kW |                         |  |
| 1565  | 740 | 65                                    | 19   | 4310                    | 50.9 | 14.9                   | 3955 | 35.8                    | 10.5 | 3600                   | 26.6 | 7.8                     | 3125 | 13                     | 3.8 | 2335                    |    |                        |    |                         |  |
| 1800  | 850 | 66                                    | 19.3 | 4130                    | 51.9 | 15.2                   | 3780 | 36.9                    | 10.8 | 3425                   | 27.7 | 8.1                     | 2950 | 14.1                   | 4.1 | 2160                    |    |                        |    |                         |  |
| 2005  | 945 | 66.8                                  | 19.6 | 4020                    | 52.7 | 15.4                   | 3665 | 37.7                    | 11   | 3310                   | 28.5 | 8.4                     | 2835 | 14.9                   | 4.4 | 2045                    |    |                        |    |                         |  |

| Outdoor Temp.             | °F    | 65   | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   | -10  | -15  | -20  |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                           | °C    | 18   | 16   | 13   | 10   | 8    | 7    | 4    | 2    | -1   | -4   | -7   | -8   | -9   | -12  | -15  | -18  | -21  | -23  | -26  | -29  |
| Compressor Motor kW Input |       | 4.13 | 4.05 | 3.96 | 3.87 | 3.81 | 3.78 | 3.7  | 3.62 | 3.52 | 3.43 | 3.33 | 3.27 | 3.24 | 3.15 | 2.95 | 2.75 | 2.56 | 2.36 | 2.16 | 1.97 |
| Total Output              | kBtuh | 66   | 62.8 | 59.7 | 56.5 | 54.6 | 51.9 | 45.3 | 38.6 | 37.8 | 36.9 | 36   | 35.5 | 34.3 | 31.1 | 27.7 | 24.3 | 20.9 | 17.5 | 14.1 | 10.7 |
|                           | kW    | 19.3 | 18.4 | 17.5 | 16.6 | 16   | 15.2 | 13.3 | 11.3 | 11.1 | 10.8 | 10.6 | 10.4 | 10.1 | 9.1  | 8.1  | 7.1  | 6.1  | 5.1  | 4.1  | 3.1  |

|      | Inputs   |        |     |          |         |      |          |         |  |
|------|----------|--------|-----|----------|---------|------|----------|---------|--|
|      | Cap      | Watts  |     | Cap      | Watts   |      |          |         |  |
|      | Low      |        | Med |          | High    |      |          |         |  |
|      | CFM      | 1565   |     | 1800     |         | 2005 |          |         |  |
| 47°F | 53531.18 | 3985.3 |     | 54579.04 | 3809.62 |      | 55397.74 | 3695.82 |  |
| 35°F | ---      | ---    |     | 38609.76 | 3618.11 |      | ---      | ---     |  |
| 17°F | ---      | ---    |     | 35526.85 | 3272.01 |      | ---      | ---     |  |



All specifications and illustrations subject to change without notice and without incurring obligations.

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