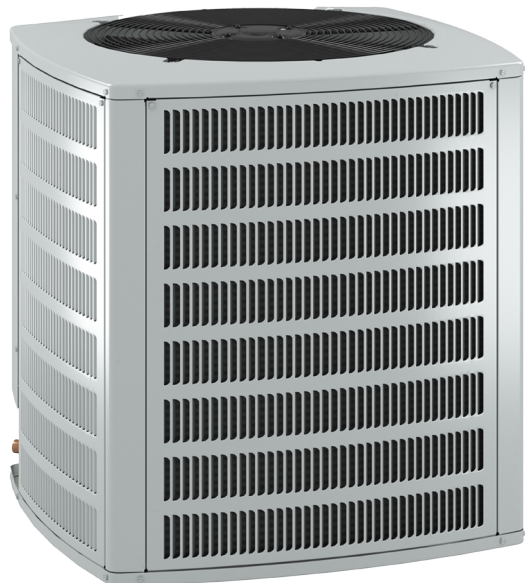


# LYNX™ 4HP18V

## PRODUCT SPECIFICATIONS

HIGH-EFFICIENCY  
SPLIT HEAT PUMP SYSTEM  
UP TO 20 SEER & 10 HSPF

FORM NO. 4HP18V-100 (03/2021)



### INSTALLED BY THE BEST

- Installer training available through authorized distributors and on Allied Air Academy

### COMPRESSOR

- Inverter-driven compressor for true variable capacity operation, precision environmental control, and exceptional energy savings
- R410A refrigerant
- Grommet-mounted compressor for quiet operation
- Heavy-duty compressor sound blanket for quiet operation
- Internally protected against high temperature motor overload conditions

### CABINET

- Full metal louvered construction to protect the coil
- Individual metal louvered panels remove easily for coil cleaning and service
- Specialized corner-mounted controls for easy service
- Baked polyester paint finished over galvanized steel for maximum durability
- Removable PVC coated wire fan discharge grill
- External gauge ports for easy service
- Removable service panel for internal access
- Compliant with Florida Building Code 2020

### COILS

- Omniguard® coil corrosion protection with all-aluminum tube-and-fin coil design
- Lanced fins for maximum heat transfer
- Factory tested for leakproof construction
- Raised coil prevents debris from impeding airflow and helps prevent ice build-up

### DESIGN

- Designed for installation with a standard 24V thermostat and non-communicating equipment
- Offers five total operating modes, three in cooling and two for heating, to fine-tune the unit's performance to the application and consumer's needs
- Clean-sweep defrost provides a more thorough defrost, reducing the number of cycles during heating operation
- Designed to perform in temperatures from -15°F to 125°F

### COMPONENTS

- 45-degree offset gauge ports are positioned for quick installation and easy service
- Variable speed condenser fan motor
- Swept wing fan blade for quiet operation (5 Ton)
- Factory-installed crankcase heater
- Factory-installed TXV for excellent refrigeration control
- Factory-installed high and low pressure switches
- Thread-on pressure switches for simple, quick service
- Fan orifice for smoother airflow and sound level reduction
- QuickLink™ technology uses proprietary algorithms and specialized sensors to monitor liquid and suction temperatures and pressures for precision system control in true variable speed operation
- Shipped factory charged for 15 feet of line set
- Discharge muffler for quiet operation
- Demand defrost for increased energy efficiency
- Quiet Shift™ capable to reduce noise during defrost

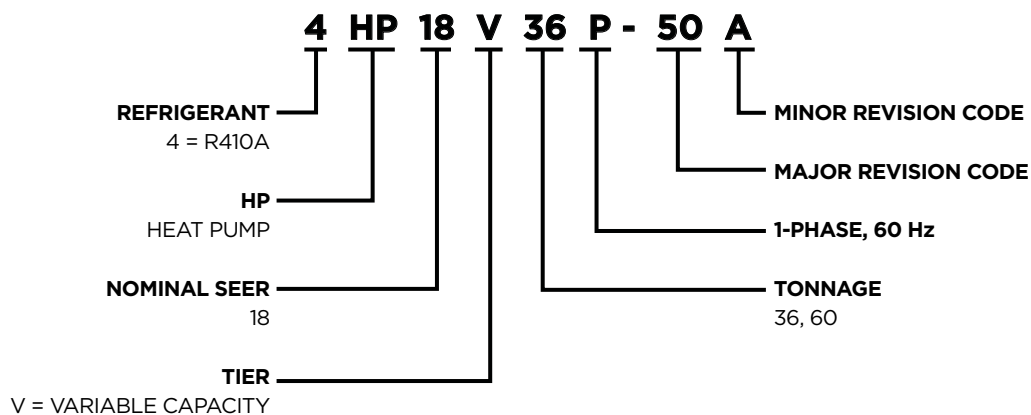
### WARRANTY

- 5-year limited warranty
- 10-year limited extended warranty available on all parts and compressor

*\*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. Lifetime limited heat exchanger warranty applies to registered equipment only (Standard 20 years with no online registration). See full warranty at [www.alliedair.com](http://www.alliedair.com) for terms, conditions and exclusions.*



## MODEL NUMBER GUIDE



## ELECTRICAL AND PHYSICAL DATA

| Model        | Voltage/Hz/<br>Phase | Voltage<br>Range | Min.<br>Circuit<br>Amp. | Max.<br>Over<br>Current<br>Device<br>(amps) | Compressor | Outdoor Fan Motor   |             |          | Shipping<br>Weight<br>(lbs.) |
|--------------|----------------------|------------------|-------------------------|---------------------------------------------|------------|---------------------|-------------|----------|------------------------------|
|              |                      |                  |                         |                                             | Input Amps | Full Load<br>(amps) | Rated<br>HP | Nom. RPM |                              |
| 4HP18V36P-50 | 208-230/60/1         | 197-253          | 21.9                    | 35                                          | 15.3       | 2.8                 | 1/3         | VAR. SPD | 215                          |
| 4HP18V60P-50 | 208-230/60/1         | 197-253          | 33.7                    | 50                                          | 24.7       | 2.8                 | 1/3         | VAR. SPD | 272                          |

Note:

Weights listed are unit weights with packaging

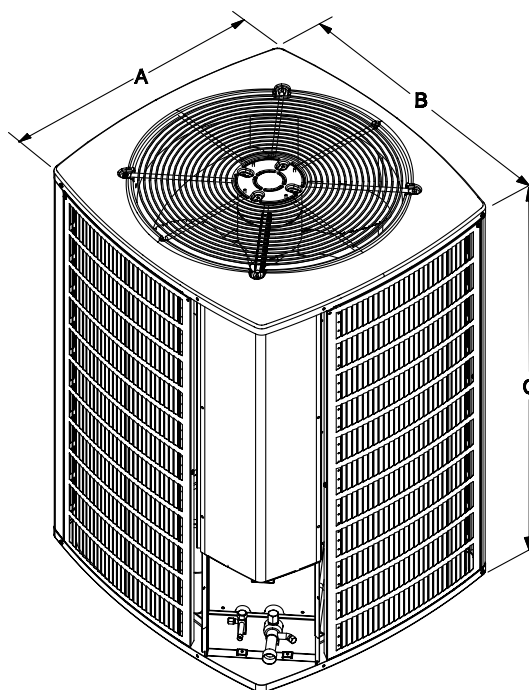
+ Factory charged for 15 feet of line set; adjust per installation instructions

## DIMENSIONS (IN.)

| Model No.    | Dimensions (inch) |           |            |
|--------------|-------------------|-----------|------------|
|              | A - Width         | B - Depth | C - Height |
| 4HP18V36P-50 | 29.38             | 31.25     | 33.75      |
| 4HP18V60P-50 | 29.38             | 31.25     | 43.75      |

Note:

Dimensions listed are unit sizes w/o packaging



## SOUND RATINGS

| Model                     | Sound Power <sup>1</sup> | Estimated Sound Pressure (dBA) <sup>2</sup> |                          |                            |
|---------------------------|--------------------------|---------------------------------------------|--------------------------|----------------------------|
|                           |                          | Approximate Distance <sup>3</sup>           |                          |                            |
|                           |                          | One Meter<br>(3.3 feet)                     | Two Meters<br>(6.6 feet) | Three Meters<br>(9.8 feet) |
| 4HP18V36P-50 (2 TON MODE) | 72                       | 64                                          | 58                       | 54                         |
| 4HP18V36P-50 (3 TON MODE) | 74                       | 66                                          | 60                       | 56                         |
| 4HP18V60P-50 (4 TON MODE) | 74                       | 66                                          | 60                       | 56                         |
| 4HP18V60P-50 (5 TON MODE) | 79                       | 71                                          | 65                       | 61                         |

<sup>1</sup> Rated in accordance with AHRI standard 270 (2015)

<sup>2</sup> Rated in accordance with AHRI standard 275 (2010)

<sup>3</sup> 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

## REFRIGERATION DATA

| Model        | Factory<br>Refrig.<br>Charge<br>(oz.) * | TXV     | Refrigerant Line Size |        | Outdoor Unit Connection |        | Indoor Unit Connection |        |
|--------------|-----------------------------------------|---------|-----------------------|--------|-------------------------|--------|------------------------|--------|
|              |                                         |         | Suction               | Liquid | Suction                 | Liquid | Suction                | Liquid |
| 4HP18V36P-50 | 138                                     | H4TXV01 | 3/4                   | 3/8    | 3/4                     | 3/8    | 3/4                    | 3/8    |
| 4HP18V60P-50 | 186                                     | H4TXV03 | 1-1/8                 | 3/8    | 7/8                     | 3/8    | 7/8                    | 3/8    |

\* Factory charged for 15 feet of line set; adjust per installation instructions

Refrigerant charge also varies with indoor unit; refer to refrigerant charge label

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

| Outdoor Model | Indoor Model                           | Cooling |      |                                  |                   | Heating |       |      |       |      | High CFM | Med CFM | Low CFM |
|---------------|----------------------------------------|---------|------|----------------------------------|-------------------|---------|-------|------|-------|------|----------|---------|---------|
|               | 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  |          |         |         |
| 4HP18V36P-50  | BCE5V36M                               | 19.0    | 12.0 | 34400                            | 27200             | 9.6     | 33400 | 3.30 | 21400 | 2.40 | 1200     | 820     | 820     |
| 4HP18V60P-50  | BCE5V60M                               | 16.0    | 10.0 | 55500                            | 40600             | 9.0     | 55500 | 2.82 | 37000 | 2.14 | 1800     | 1200    | 1200    |

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 Allied Air Enterprises furnace and air handler products

### NOTE:

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

COOLING PERFORMANCE EXTENDED RATINGS

4HP18V36P-50 - BCE5V36M - MAXIMUM CAPACITY

| Outdoor Air Temperature Entering Outdoor Coil |  |  |                        |  |                         |                               |                 |                 |                        |                         |                               |                 |                 |                        |                         |                               |                 |                 |                        |                         |                               |                 |                 |                        |                         |                               |                  |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|-----------------------------------------------|--|--|------------------------|--|-------------------------|-------------------------------|-----------------|-----------------|------------------------|-------------------------|-------------------------------|-----------------|-----------------|------------------------|-------------------------|-------------------------------|-----------------|-----------------|------------------------|-------------------------|-------------------------------|-----------------|-----------------|------------------------|-------------------------|-------------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Total Air Volume                              |  |  | 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 |  | 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 | Sensible To Total Ratio (S/T) |                 |                 | Total Cooling Capacity | Comp. Motor Watts Input | Sensible To Total Ratio (S/T) |                  |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|                                               |  |  |                        |  |                         | Indoor Dry Bulb               | Indoor Dry Bulb | Indoor Dry Bulb |                        |                         | Indoor Dry Bulb               | Indoor Dry Bulb | Indoor Dry Bulb |                        |                         | Indoor Dry Bulb               | Indoor Dry Bulb | Indoor Dry Bulb |                        |                         | Indoor Dry Bulb               | Indoor Dry Bulb | Indoor Dry Bulb |                        |                         | Indoor Dry Bulb               | Indoor Dry Bulb  | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb | Indoor Dry Bulb |

COOLING PERFORMANCE EXTENDED RATINGS

4HP18V36P-50 - BCE5V36M - INTERMEDIATE CAPACITY

| Total Air Volume |     | Outdoor Air Temperature Entering Outdoor Coil |                |                         |                               |                |                        |                 |                         |                               |                 |                        |                |                         |                               |                | Indoor Wet Bulb Temperature |                |                        |                 |                         |                               |                 |                        |                |                         |                |                |
|------------------|-----|-----------------------------------------------|----------------|-------------------------|-------------------------------|----------------|------------------------|-----------------|-------------------------|-------------------------------|-----------------|------------------------|----------------|-------------------------|-------------------------------|----------------|-----------------------------|----------------|------------------------|-----------------|-------------------------|-------------------------------|-----------------|------------------------|----------------|-------------------------|----------------|----------------|
|                  |     | 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                        |                | 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 | Sensible To Total Ratio (S/T) |                 | Total Cooling Capacity |                | Comp. Motor Watts Input |                |                |
|                  |     |                                               |                |                         |                               |                |                        |                 |                         |                               |                 |                        |                |                         |                               |                |                             |                |                        |                 |                         |                               |                 |                        |                |                         |                |                |
|                  |     | Indoor Dry Bulb                               |                |                         | Indoor Dry Bulb               |                |                        | Indoor Dry Bulb |                         |                               | Indoor Dry Bulb |                        |                | Indoor Dry Bulb         |                               |                | Indoor Dry Bulb             |                |                        | Indoor Dry Bulb |                         |                               | Indoor Dry Bulb |                        |                | Indoor Dry Bulb         |                |                |
|                  |     | 75°F<br>23.9°C                                | 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         | 75°F<br>23.9°C  | 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 | 75°F<br>23.9°C          | 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         | 75°F<br>23.9°C  | 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 | 75°F<br>23.9°C          | 80°F<br>26.7°C | 85°F<br>29.4°C |
| 59°F<br>(15°C)   | cfm | 725                                           | 345            |                         |                               |                |                        |                 |                         |                               |                 |                        |                |                         |                               |                |                             |                |                        |                 |                         |                               |                 |                        |                |                         |                |                |
|                  | L/s | 725                                           | 345            |                         |                               |                |                        |                 |                         |                               |                 |                        |                |                         |                               |                |                             |                |                        |                 |                         |                               |                 |                        |                |                         |                |                |
|                  |     | 725                                           | 345            |                         |                               |                |                        |                 |                         |                               |                 |                        |                |                         |                               |                |                             |                |                        |                 |                         |                               |                 |                        |                |                         |                |                |
| 63°F<br>(17.2°C) | cfm | 830                                           | 390            |                         |                               |                |                        |                 |                         |                               |                 |                        |                |                         |                               |                |                             |                |                        |                 |                         |                               |                 |                        |                |                         |                |                |
|                  | L/s | 830                                           | 390            |                         |                               |                |                        |                 |                         |                               |                 |                        |                |                         |                               |                |                             |                |                        |                 |                         |                               |                 |                        |                |                         |                |                |
|                  |     | 830                                           | 390            |                         |                               |                |                        |                 |                         |                               |                 |                        |                |                         |                               |                |                             |                |                        |                 |                         |                               |                 |                        |                |                         |                |                |
| 67°F<br>(19.4°C) | cfm | 970                                           | 460            |                         |                               |                |                        |                 |                         |                               |                 |                        |                |                         |                               |                |                             |                |                        |                 |                         |                               |                 |                        |                |                         |                |                |
|                  | L/s | 970                                           | 460            |                         |                               |                |                        |                 |                         |                               |                 |                        |                |                         |                               |                |                             |                |                        |                 |                         |                               |                 |                        |                |                         |                |                |
|                  |     | 970                                           | 460            |                         |                               |                |                        |                 |                         |                               |                 |                        |                |                         |                               |                |                             |                |                        |                 |                         |                               |                 |                        |                |                         |                |                |
| 71°F<br>(21.7°C) | cfm | 725                                           | 345            |                         |                               |                |                        |                 |                         |                               |                 |                        |                |                         |                               |                |                             |                |                        |                 |                         |                               |                 |                        |                |                         |                |                |
|                  | L/s | 725                                           | 345            |                         |                               |                |                        |                 |                         |                               |                 |                        |                |                         |                               |                |                             |                |                        |                 |                         |                               |                 |                        |                |                         |                |                |
|                  |     | 725                                           | 345            |                         |                               |                |                        |                 |                         |                               |                 |                        |                |                         |                               |                |                             |                |                        |                 |                         |                               |                 |                        |                |                         |                |                |

COOLING PERFORMANCE EXTENDED RATINGS

4HP18V36P-50 - BCE5V36M - MINIMUM CAPACITY

| Indoor Wet Bulb Temperature |     | Outdoor Air Temperature Entering Outdoor Coil |                |                               |                |                               |                |                               |                |                               |                |                               |                |
|-----------------------------|-----|-----------------------------------------------|----------------|-------------------------------|----------------|-------------------------------|----------------|-------------------------------|----------------|-------------------------------|----------------|-------------------------------|----------------|
|                             |     | 75° F (23.9° C)                               |                |                               |                | 85° F (29.4° C)               |                |                               |                | 95° F (35° C)                 |                |                               |                |
|                             |     | Total Cooling Capacity                        |                | Sensible To Total Ratio (S/T) |                | Total Cooling Capacity        |                | Comp. Motor Watts Input       |                | Total Cooling Capacity        |                | Comp. Motor Watts Input       |                |
|                             |     |                                               |                |                               |                |                               |                |                               |                |                               |                |                               |                |
|                             |     | Indoor Dry Bulb                               |                | Indoor Dry Bulb               |                | Indoor Dry Bulb               |                | Indoor Dry Bulb               |                | Indoor Dry Bulb               |                | Indoor Dry Bulb               |                |
|                             |     | 75°F<br>23.9°C                                | 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 | 75°F<br>23.9°C                | 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 |
| Total Air Volume            | cfm | kW                                            |                | kW                            |                | kW                            |                | kW                            |                | kW                            |                | kW                            |                |
|                             | L/s | kBTuh                                         |                | kBTuh                         |                | kBTuh                         |                | kBTuh                         |                | kBTuh                         |                | kBTuh                         |                |
|                             |     | Sensible To Total Ratio (S/T)                 |                | Sensible To Total Ratio (S/T) |                | Sensible To Total Ratio (S/T) |                | Sensible To Total Ratio (S/T) |                | Sensible To Total Ratio (S/T) |                | Sensible To Total Ratio (S/T) |                |
| 59°F<br>(15°C)              | 725 | 345                                           | 14.0           | 4.1                           | 370            | 1.00                          | 1.00           | 1.00                          | 1.00           | 1.00                          | 1.00           | 1.00                          | 1.00           |
|                             | 830 | 390                                           | 14.5           | 4.2                           | 360            | 1.00                          | 1.00           | 1.00                          | 1.00           | 1.00                          | 1.00           | 1.00                          | 1.00           |
|                             | 970 | 460                                           | 15.0           | 4.4                           | 350            | 1.00                          | 1.00           | 1.00                          | 1.00           | 1.00                          | 1.00           | 1.00                          | 1.00           |
| 63°F<br>(17.2°C)            | 725 | 345                                           | 14.0           | 4.1                           | 370            | 1.00                          | 1.00           | 1.00                          | 1.00           | 1.00                          | 1.00           | 1.00                          | 1.00           |
|                             | 830 | 390                                           | 14.5           | 4.2                           | 360            | 1.00                          | 1.00           | 1.00                          | 1.00           | 1.00                          | 1.00           | 1.00                          | 1.00           |
|                             | 970 | 460                                           | 14.9           | 4.4                           | 350            | 1.00                          | 1.00           | 1.00                          | 1.00           | 1.00                          | 1.00           | 1.00                          | 1.00           |
| 67°F<br>(19.4°C)            | 725 | 345                                           | 14.0           | 4.1                           | 370            | .78                           | 1.00           | 1.00                          | 1.00           | 1.00                          | .85            | 1.00                          | 1.00           |
|                             | 830 | 390                                           | 14.5           | 4.2                           | 360            | .82                           | 1.00           | 1.00                          | 1.00           | 1.00                          | .90            | 1.00                          | 1.00           |
|                             | 970 | 460                                           | 14.9           | 4.4                           | 350            | .89                           | 1.00           | 1.00                          | 1.00           | 1.00                          | .97            | 1.00                          | 1.00           |
| 71°F<br>(21.7°C)            | 725 | 345                                           | 14.8           | 4.3                           | 350            | .53                           | .78            | 1.00                          | 1.00           | 1.00                          | .56            | .84                           | 1.00           |
|                             | 830 | 390                                           | 15.1           | 4.4                           | 350            | .55                           | .81            | 1.00                          | 1.00           | 1.00                          | .57            | .89                           | 1.00           |
|                             | 970 | 460                                           | 15.4           | 4.5                           | 340            | .56                           | .88            | 1.00                          | 1.00           | 1.00                          | .61            | .96                           | 1.00           |

COOLING PERFORMANCE EXTENDED RATINGS

4HP18V60P-50 - BCE5V60M - MAXIMUM CAPACITY

| Outdoor Air Temperature Entering Outdoor Coil |      |     |                        |      |                         |                               |                 |                |                         |                               |                 |                |                         |                               |                  |                |                         |                               |                 |                |                        |                         |                               |                |                        |                         |                               |      |      |                |                |                |
|-----------------------------------------------|------|-----|------------------------|------|-------------------------|-------------------------------|-----------------|----------------|-------------------------|-------------------------------|-----------------|----------------|-------------------------|-------------------------------|------------------|----------------|-------------------------|-------------------------------|-----------------|----------------|------------------------|-------------------------|-------------------------------|----------------|------------------------|-------------------------|-------------------------------|------|------|----------------|----------------|----------------|
| Total Air Volume                              |      |     | 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 |      | Comp. Motor Watts Input | Sensible To Total Ratio (S/T) |                 |                | Comp. Motor Watts Input | Sensible To Total Ratio (S/T) |                 |                | Comp. Motor Watts Input | Sensible To Total Ratio (S/T) |                  |                | 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) |      |      |                |                |                |
|                                               |      |     |                        |      |                         | Indoor Dry Bulb               | Indoor Wet Bulb | S/T            |                         | Indoor Dry Bulb               | Indoor Wet Bulb | S/T            |                         | Indoor Dry Bulb               | Indoor Wet Bulb  | S/T            |                         | Indoor Dry Bulb               | Indoor Wet Bulb | S/T            |                        |                         |                               |                |                        |                         |                               |      |      |                |                |                |
| Indoor Wet Bulb Temperature                   | cfm  | L/s | kBtuh                  | kW   |                         | 75°F<br>23.9°C                | 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 |                         | 75°F<br>23.9°C                | 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 | kBtuh                  | kW                      |                               | 75°F<br>23.9°C | 80°F<br>26.7°C         | 85°F<br>29.4°C          | kBtuh                         | kW   |      | 75°F<br>23.9°C | 80°F<br>26.7°C | 85°F<br>29.4°C |
|                                               | 1605 | 755 | 53.5                   | 15.7 | 3760                    | .90                           | 1.00            | 1.00           | .92                     | 1.00                          | 1.00            | 1.00           | 1.00                    | .95                           | 1.00             | 1.00           | 1.00                    | .98                           | 1.00            | 1.00           | 44.0                   | 12.9                    | 6340                          | 1.00           | 1.00                   | 1.00                    | 1.00                          | 1.00 | 1.00 | 1.00           | 1.00           | 1.00           |
|                                               | 1840 | 865 | 56.0                   | 16.4 | 3780                    | .94                           | 1.00            | 1.00           | .96                     | 1.00                          | 1.00            | 1.00           | 1.00                    | .99                           | 1.00             | 1.00           | 1.00                    | 1.00                          | 1.00            | 1.00           | 46.0                   | 13.5                    | 6390                          | 1.00           | 1.00                   | 1.00                    | 1.00                          | 1.00 | 1.00 | 1.00           | 1.00           | 1.00           |
|                                               | 2030 | 960 | 57.5                   | 16.9 | 3800                    | .97                           | 1.00            | 1.00           | .99                     | 1.00                          | 1.00            | 1.00           | 1.00                    | 1.00                          | 1.00             | 1.00           | 1.00                    | 1.00                          | 1.00            | 1.00           | 47.0                   | 13.8                    | 6420                          | 1.00           | 1.00                   | 1.00                    | 1.00                          | 1.00 | 1.00 | 1.00           | 1.00           | 1.00           |
| 59°F<br>(15°C)                                | 1605 | 755 | 56.0                   | 16.4 | 3780                    | .73                           | .87             | .99            | .75                     | .89                           | 1.00            | 1.00           | 1.00                    | .77                           | .91              | 1.00           | 1.00                    | .78                           | .94             | 1.00           | 44.5                   | 13.0                    | 6350                          | .82            | .98                    | 1.00                    | 1.00                          | .82  | .98  | 1.00           | 1.00           | 1.00           |
|                                               | 1840 | 865 | 57.5                   | 16.9 | 3800                    | .76                           | .90             | 1.00           | .78                     | .93                           | 1.00            | 1.00           | 1.00                    | .80                           | .96              | 1.00           | 1.00                    | .82                           | .99             | 1.00           | 46.0                   | 13.5                    | 6390                          | .85            | 1.00                   | 1.00                    | 1.00                          | .85  | 1.00 | 1.00           | 1.00           | 1.00           |
|                                               | 2030 | 960 | 59.0                   | 17.3 | 3800                    | .78                           | .94             | 1.00           | .80                     | .96                           | 1.00            | 1.00           | 1.00                    | .82                           | .99              | 1.00           | 1.00                    | .85                           | 1.00            | 1.00           | 47.0                   | 13.8                    | 6420                          | .88            | 1.00                   | 1.00                    | 1.00                          | .88  | 1.00 | 1.00           | 1.00           | 1.00           |
| 63°F<br>(17.2°C)                              | 1605 | 755 | 59.0                   | 17.3 | 3800                    | .59                           | .71             | .83            | .56                     | .73                           | .85             | .89            | .89                     | .60                           | .74              | .88            | .88                     | .61                           | .76             | .90            | 47.0                   | 13.8                    | 6420                          | .63            | .79                    | .94                     | 1.00                          | .63  | .79  | .94            | 1.00           | 1.00           |
|                                               | 1840 | 865 | 60.5                   | 17.7 | 3820                    | .61                           | .74             | .87            | .58                     | .75                           | .87             | .89            | .89                     | .62                           | .77              | .92            | .92                     | .63                           | .80             | .95            | 48.5                   | 14.2                    | 6450                          | .65            | .83                    | .99                     | 1.00                          | .65  | .83  | .99            | 1.00           | 1.00           |
|                                               | 2030 | 960 | 62.0                   | 18.2 | 3830                    | .61                           | .76             | .90            | .59                     | .78                           | .92             | .92            | .92                     | .64                           | .80              | .95            | .95                     | .65                           | .82             | .99            | 49.0                   | 14.4                    | 6470                          | .67            | .86                    | 1.00                    | 1.00                          | .67  | .86  | 1.00           | 1.00           | 1.00           |
| 67°F<br>(19.4°C)                              | 1605 | 755 | 62.5                   | 18.3 | 3830                    | .45                           | .57             | .68            | .45                     | .58                           | .70             | .73            | .73                     | .45                           | .59              | .72            | .72                     | .46                           | .60             | .74            | 50.0                   | 14.7                    | 6500                          | .47            | .62                    | .76                     | 1.00                          | .47  | .62  | .76            | 1.00           | 1.00           |
|                                               | 1840 | 865 | 64.5                   | 18.9 | 3840                    | .46                           | .59             | .71            | .46                     | .60                           | .73             | .75            | .75                     | .46                           | .61              | .75            | .75                     | .47                           | .62             | .77            | 51.0                   | 14.9                    | 6530                          | .48            | .64                    | .80                     | 1.00                          | .48  | .64  | .80            | 1.00           | 1.00           |
|                                               | 2030 | 960 | 65.5                   | 19.2 | 3840                    | .46                           | .60             | .73            | .46                     | .61                           | .75             | .75            | .75                     | .47                           | .62              | .77            | .77                     | .48                           | .64             | .80            | 52.0                   | 15.2                    | 6550                          | .48            | .66                    | .83                     | 1.00                          | .48  | .66  | .83            | 1.00           | 1.00           |

## 4HP18V60P-50 - BCE5V60M - INTERMEDIATE CAPACITY

| Total Air Volume            |     | 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                        |      | 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 | Sensible To Total Ratio (S/T) |             |             | Total Cooling Capacity | Comp. Motor Watts Input | Sensible To Total Ratio (S/T) |                  |             |             |                 |             |             |             |      |      |
|                             |     |                                               |      |                         | Indoor/Dry Bulb               | 75°F 23.9°C | 80°F 26.7°C |                        |                         | 85°F 29.4°C                   | Indoor/Dry Bulb | 75°F 23.9°C |                        |                         | 80°F 26.7°C                   | 85°F 29.4°C | Indoor/Dry Bulb |                        |                         | 75°F 23.9°C                   | 80°F 26.7°C | 85°F 29.4°C |                        |                         | Indoor/Dry Bulb               | 75°F 23.9°C      | 80°F 26.7°C | 85°F 29.4°C | Indoor/Dry Bulb | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C |      |      |
| Indoor Wet Bulb Temperature | cfm | L/s                                           | 1110 | 525                     | 34.6                          | 10.1        | 1570        | .95                    | 1.00                    | 1.00                          | 33.4            | 9.8         | 1840                   | .98                     | 1.00                          | 1.00        | 32.0            | 9.4                    | 2130                    | 1.00                          | 1.00        | 1.00        | 30.8                   | 9.0                     | 2450                          | 1.00             | 1.00        | 1.00        | 29.4            | 8.6         | 2850        | 1.00        | 1.00 | 1.00 |
|                             |     |                                               | 1210 | 570                     | 35.6                          | 10.4        | 1570        | .98                    | 1.00                    | 1.00                          | 34.2            | 10.0        | 1840                   | 1.00                    | 1.00                          | 1.00        | 32.8            | 9.6                    | 2120                    | 1.00                          | 1.00        | 1.00        | 31.6                   | 9.3                     | 2450                          | 1.00             | 1.00        | 1.00        | 30.2            | 8.9         | 2840        | 1.00        | 1.00 | 1.00 |
|                             |     |                                               | 1380 | 650                     | 37.0                          | 10.8        | 1560        | 1.00                   | 1.00                    | 1.00                          | 35.6            | 10.4        | 1830                   | 1.00                    | 1.00                          | 1.00        | 34.2            | 10.0                   | 2120                    | 1.00                          | 1.00        | 1.00        | 32.8                   | 9.6                     | 2440                          | 1.00             | 1.00        | 1.00        | 31.2            | 9.1         | 2830        | 1.00        | 1.00 | 1.00 |
|                             |     |                                               | 1110 | 525                     | 35.6                          | 10.4        | 1570        | .77                    | .92                     | 1.00                          | 34.0            | 10.0        | 1840                   | .79                     | .94                           | 1.00        | 32.4            | 9.5                    | 2130                    | .81                           | .97         | 1.00        | 31.0                   | 9.1                     | 2460                          | .83              | .99         | 1.00        | 29.4            | 8.6         | 2840        | .85         | 1.00 | 1.00 |
| 63°F (17.2°C)               |     |                                               | 1210 | 570                     | 36.2                          | 10.6        | 1560        | .79                    | .95                     | 1.00                          | 34.6            | 10.1        | 1840                   | .81                     | .97                           | 1.00        | 33.0            | 9.7                    | 2120                    | .83                           | 1.00        | 1.00        | 31.6                   | 9.3                     | 2450                          | .85              | 1.00        | 1.00        | 30.2            | 8.9         | 2840        | .87         | 1.00 | 1.00 |
|                             |     |                                               | 1380 | 650                     | 37.2                          | 10.9        | 1560        | .83                    | .99                     | 1.00                          | 35.6            | 10.4        | 1830                   | .85                     | 1.00                          | 1.00        | 34.2            | 10.0                   | 2120                    | .87                           | 1.00        | 1.00        | 32.8                   | 9.6                     | 2450                          | .89              | 1.00        | 1.00        | 31.4            | 9.2         | 2840        | .92         | 1.00 | 1.00 |
|                             |     |                                               | 1110 | 525                     | 37.4                          | 11.0        | 1550        | .60                    | .75                     | .88                           | 35.8            | 10.5        | 1820                   | .62                     | .76                           | .91         | 34.2            | 10.0                   | 2120                    | .63                           | .78         | .93         | 32.6                   | 9.6                     | 2450                          | .64              | .80         | .96         | 31.0            | 9.1         | 2840        | .65         | .82  | .99  |
| 67°F (19.4°C)               |     |                                               | 1210 | 570                     | 38.0                          | 11.1        | 1550        | .62                    | .77                     | .91                           | 36.4            | 10.7        | 1820                   | .63                     | .79                           | .94         | 34.8            | 10.2                   | 2110                    | .64                           | .81         | .97         | 33.2                   | 9.7                     | 2440                          | .65              | .83         | .99         | 31.6            | 9.3         | 2840        | .67         | .85  | 1.00 |
|                             |     |                                               | 1380 | 650                     | 39.0                          | 11.4        | 1540        | .64                    | .80                     | .96                           | 37.2            | 10.9        | 1810                   | .65                     | .82                           | .99         | 35.6            | 10.4                   | 2110                    | .66                           | .84         | 1.00        | 34.0                   | 10.0                    | 2440                          | .68              | .87         | 1.00        | 32.2            | 9.4         | 2830        | .69         | .89  | 1.00 |
| 71°F (21.7°C)               |     |                                               | 1110 | 525                     | 39.5                          | 11.6        | 1530        | .45                    | .58                     | .72                           | 37.6            | 11.0        | 1810                   | .45                     | .60                           | .74         | 36.0            | 10.6                   | 2100                    | .46                           | .61         | .76         | 34.4                   | 10.1                    | 2430                          | .47              | .63         | .78         | 32.8            | 9.6         | 2830        | .47         | .64  | .80  |
|                             |     |                                               | 1210 | 570                     | 40.0                          | 11.7        | 1530        | .45                    | .61                     | .75                           | 38.0            | 11.1        | 1800                   | .47                     | .62                           | .76         | 36.6            | 10.7                   | 2100                    | .47                           | .63         | .78         | 35.0                   | 10.3                    | 2430                          | .48              | .64         | .80         | 33.4            | 9.8         | 2820        | .48         | .66  | .83  |
|                             |     |                                               | 1380 | 650                     | 41.0                          | 12.0        | 1520        | .47                    | .63                     | .78                           | 39.0            | 11.4        | 1790                   | .48                     | .64                           | .80         | 37.4            | 11.0                   | 2090                    | .48                           | .66         | .82         | 35.6                   | 10.4                    | 2420                          | .48              | .67         | .84         | 34.0            | 10.0        | 2810        | .49         | .69  | .87  |

COOLING PERFORMANCE EXTENDED RATINGS

4HP18V60P-50 - BCE5V60M - MINIMUM CAPACITY

| Indoor Wet Bulb Temperature |     | Total Air Volume |    | Outdoor Air Temperature Entering Outdoor Coil |  |                         |                               |                |                |                        |  |                         |                               |                 |                |                        |  |                         |                               |                |                 |                        |  |                         |                               |                |                |                 |                |                |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------------------|-----|------------------|----|-----------------------------------------------|--|-------------------------|-------------------------------|----------------|----------------|------------------------|--|-------------------------|-------------------------------|-----------------|----------------|------------------------|--|-------------------------|-------------------------------|----------------|-----------------|------------------------|--|-------------------------|-------------------------------|----------------|----------------|-----------------|----------------|----------------|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                             |     |                  |    | 75° F (23.9° C)                               |  |                         |                               |                |                | 85° F (29.4° C)        |  |                         |                               |                 |                | 95° F (35° C)          |  |                         |                               |                |                 | 105° F (40.6° C)       |  |                         |                               |                |                |                 |                |                |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                             |     |                  |    | 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 | Sensible To Total Ratio (S/T) |                |                |                 |                |                |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                             |     |                  |    |                                               |  |                         | Indoor Dry Bulb               | 75°F<br>23.9°C | 80°F<br>26.7°C |                        |  |                         | 85°F<br>29.4°C                | Indoor Dry Bulb | 75°F<br>23.9°C |                        |  |                         | 80°F<br>26.7°C                | 85°F<br>29.4°C | Indoor Dry Bulb |                        |  |                         | 75°F<br>23.9°C                | 80°F<br>26.7°C | 85°F<br>29.4°C | Indoor Dry Bulb | 75°F<br>23.9°C | 80°F<br>26.7°C | 85°F<br>29.4°C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| cfm                         | L/s | kBtuh            | kW |                                               |  |                         |                               |                |                |                        |  |                         |                               |                 |                |                        |  |                         |                               |                |                 |                        |  |                         |                               |                |                |                 |                |                |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## HEATING PERFORMANCE EXTENDED RATINGS

## 4HP18V36P-50 - BCE5V36M - INDOOR COIL AT 65°F DRY BULB

## MINIMUM CAPACITY

| Indoor Coil<br>Air Volume<br>65°F db<br>(28°C db) |     | Air Temperature Entering Outdoor Coil |     |                         |                        |     |                         |                        |     |                         |                        |     |                         |
|---------------------------------------------------|-----|---------------------------------------|-----|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|
|                                                   |     | 65°F (18°C)                           |     |                         | 60°F (16°C)            |     |                         | 55°F (13°C)            |     |                         | 50°F (10°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 |
| CFM                                               | L/s | kBtuh                                 | kW  |                         | kBtuh                  | kW  |                         | kBtuh                  | kW  |                         | kBtuh                  | kW  |                         |
| 726                                               | 345 | 12.5                                  | 3.7 | 345                     | 11.7                   | 3.4 | 360                     | 10.9                   | 3.2 | 375                     | 10.1                   | 3.0 | 395                     |
| 831                                               | 390 | 12.5                                  | 3.7 | 330                     | 11.7                   | 3.4 | 345                     | 10.9                   | 3.2 | 360                     | 10.1                   | 3.0 | 375                     |
| 970                                               | 460 | 12.7                                  | 3.7 | 315                     | 12.0                   | 3.5 | 330                     | 11.2                   | 3.3 | 345                     | 10.4                   | 3.0 | 360                     |

## MAXIMUM CAPACITY

| Indoor Coil<br>Air Volume<br>65°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 |  |               |  |  |  |
|                                                   |     | kBtuh                                 | kW   |                         | kBtuh                  | kW         |                         | kBtuh                  | kW  |                         | kBtuh                  | kW  |                         | kBtuh                  | kW  |                         |  |               |  |  |  |
| CFM                                               | L/s | kBtuh                                 | kW   |                         | kBtuh                  | kW         |                         | kBtuh                  | kW  |                         | kBtuh                  | kW  |                         | kBtuh                  | kW  |                         |  |               |  |  |  |
| 1050                                              | 495 | 41.8                                  | 12.3 | 2760                    | 33.3                   | 9.8        | 2435                    | 24.7                   | 7.2 | 2075                    | 16.5                   | 4.8 | 1880                    | 8.1                    | 2.4 | 1415                    |  |               |  |  |  |
| 1216                                              | 575 | 42.5                                  | 12.5 | 2665                    | 33.9                   | 9.9        | 2340                    | 25.3                   | 7.4 | 1980                    | 17.1                   | 5.0 | 1785                    | 8.7                    | 2.5 | 1315                    |  |               |  |  |  |
| 1385                                              | 655 | 43.4                                  | 12.7 | 2590                    | 34.8                   | 10.2       | 2265                    | 26.2                   | 7.7 | 1910                    | 18.0                   | 5.3 | 1715                    | 9.6                    | 2.8 | 1245                    |  |               |  |  |  |

| 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 |       | 2.67 | 2.60 | 2.53 | 2.46 | 2.42 | 2.34 | 2.15 | 1.96 | 1.97 | 1.98 | 2.00 | 2.00 | 1.98 | 1.91 | 1.79 | 1.67 | 1.55 | 1.44 | 1.32 | 1.20 |
| Total Output              | kBtuh | 42.5 | 40.3 | 38.2 | 36.1 | 34.8 | 33.9 | 31.6 | 29.3 | 27.3 | 25.3 | 23.3 | 22.1 | 21.3 | 19.2 | 17.1 | 15   | 12.9 | 10.8 | 8.7  | 6.6  |
|                           | kW    | 12.5 | 11.8 | 11.2 | 10.6 | 10.2 | 9.9  | 9.3  | 8.6  | 8.0  | 7.4  | 6.8  | 6.5  | 6.2  | 5.6  | 5.0  | 4.4  | 3.8  | 3.2  | 2.5  | 1.9  |

|          | Inputs    |  |          |  |           |  |
|----------|-----------|--|----------|--|-----------|--|
|          | Cap       |  | Watts    |  | Watts     |  |
|          | Low       |  | Med      |  | High      |  |
| CFM      | 726       |  | 831      |  | 970       |  |
| 62°F Low | 12003.304 |  | 355.082  |  | 12006.137 |  |
| 47°F Low | ---       |  | ---      |  | 9670.622  |  |
| CFM      | 1050      |  | 1216     |  | 1385      |  |
| 47°F     | 34200.948 |  | 2510.592 |  | 34836.619 |  |
| 35°F     | ---       |  | ---      |  | 29281.329 |  |
| 17°F     | ---       |  | ---      |  | 22139.648 |  |

## HEATING PERFORMANCE EXTENDED RATINGS

## 4HP18V36P-50 - BCE5V36M - INDOOR COIL AT 70°F DRY BULB

## MINIMUM CAPACITY

| Indoor Coil<br>Air Volume<br>70°F db<br>(28°C db) |     | Air Temperature Entering Outdoor Coil |     |                               |                           |             |                               |                           |     |                               |                           |     |                               |             |  |  |  |
|---------------------------------------------------|-----|---------------------------------------|-----|-------------------------------|---------------------------|-------------|-------------------------------|---------------------------|-----|-------------------------------|---------------------------|-----|-------------------------------|-------------|--|--|--|
|                                                   |     | 65°F (18°C)                           |     |                               |                           | 60°F (16°C) |                               |                           |     | 55°F (13°C)                   |                           |     |                               | 50°F (10°C) |  |  |  |
|                                                   |     | Total Heating<br>Capacity             |     | Comp.<br>Motor Watts<br>Input | Total Heating<br>Capacity |             | Comp.<br>Motor Watts<br>Input | Total Heating<br>Capacity |     | Comp.<br>Motor Watts<br>Input | Total Heating<br>Capacity |     | Comp.<br>Motor Watts<br>Input |             |  |  |  |
|                                                   |     |                                       |     |                               |                           |             |                               |                           |     |                               |                           |     |                               |             |  |  |  |
| CFM                                               | L/s | kBtuh                                 | kW  |                               | kBtuh                     | kW          |                               | kBtuh                     | kW  |                               | kBtuh                     | kW  |                               |             |  |  |  |
| 726                                               | 345 | 12.2                                  | 3.6 | 390                           | 11.5                      | 3.4         | 400                           | 10.7                      | 3.1 | 415                           | 9.9                       | 2.9 | 430                           |             |  |  |  |
| 831                                               | 390 | 12.2                                  | 3.6 | 370                           | 11.5                      | 3.4         | 385                           | 10.7                      | 3.1 | 395                           | 9.9                       | 2.9 | 410                           |             |  |  |  |
| 970                                               | 460 | 12.6                                  | 3.7 | 355                           | 11.8                      | 3.5         | 370                           | 11.0                      | 3.2 | 385                           | 10.3                      | 3.0 | 400                           |             |  |  |  |

## MAXIMUM CAPACITY

| 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  |                         |               |  |  |  |
| 1050                                              | 495 | 40.9                                  | 12.0 | 2890                    | 32.6                   | 9.6        | 2535                    | 24.3                   | 7.1 | 2150                    | 16.2                   | 4.7 | 1930                    | 7.9                    | 2.3 | 1450                    |               |  |  |  |
| 1216                                              | 575 | 41.6                                  | 12.2 | 2805                    | 33.3                   | 9.8        | 2450                    | 25.0                   | 7.3 | 2065                    | 16.9                   | 5.0 | 1850                    | 8.6                    | 2.5 | 1365                    |               |  |  |  |
| 1385                                              | 655 | 42.5                                  | 12.5 | 2735                    | 34.2                   | 10.0       | 2380                    | 25.9                   | 7.6 | 1995                    | 17.8                   | 5.2 | 1780                    | 9.5                    | 2.8 | 1295                    |               |  |  |  |

| 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 |       | 2.81 | 2.73 | 2.66 | 2.58 | 2.53 | 2.45 | 2.26 | 2.06 | 2.06 | 2.07 | 2.08 | 2.08 | 2.05 | 1.97 | 1.85 | 1.73 | 1.61 | 1.49 | 1.37 | 1.25 |
| Total Output              | kBtuh | 41.6 | 39.5 | 37.5 | 35.4 | 34.2 | 33.3 | 31.1 | 28.9 | 26.9 | 25   | 23   | 21.8 | 21   | 19   | 16.9 | 14.8 | 12.8 | 10.7 | 8.6  | 6.6  |
|                           | kW    | 12.2 | 11.6 | 11.0 | 10.4 | 10.0 | 9.8  | 9.1  | 8.5  | 7.9  | 7.3  | 6.7  | 6.4  | 6.2  | 5.6  | 5.0  | 4.3  | 3.8  | 3.1  | 2.5  | 1.9  |

|          | Inputs    |  |           |  |           |  |
|----------|-----------|--|-----------|--|-----------|--|
|          | Cap       |  | Watts     |  | Watts     |  |
|          | Low       |  | Med       |  | High      |  |
| CFM      | 726       |  | 831       |  | 970       |  |
| 62°F Low | 11769.418 |  | 396.542   |  | 11779.34  |  |
| 47°F Low | ---       |  | 9484.096  |  | 418.941   |  |
| CFM      | 1050      |  | 1216      |  | 1385      |  |
| 47°F     | 33478.862 |  | 2614.818  |  | 34171.371 |  |
| 35°F     | ---       |  | 28870.357 |  | 2053.099  |  |
| 17°F     | ---       |  | 21834.423 |  | 2077.029  |  |

## HEATING PERFORMANCE EXTENDED RATINGS

## 4HP18V36P-50 - BCE5V36M - INDOOR COIL AT 75°F DRY BULB

## MINIMUM CAPACITY

| Indoor Coil<br>Air Volume<br>75°F db<br>(28°C db) |     | Air Temperature Entering Outdoor Coil |     |                         |                        |             |                         |                        |     |                         |                        |     |                         |             |  |  |  |
|---------------------------------------------------|-----|---------------------------------------|-----|-------------------------|------------------------|-------------|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|-------------|--|--|--|
|                                                   |     | 65°F (18°C)                           |     |                         |                        | 60°F (16°C) |                         |                        |     | 55°F (13°C)             |                        |     |                         | 50°F (10°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 |             |  |  |  |
|                                                   |     |                                       |     |                         |                        |             |                         |                        |     |                         |                        |     |                         |             |  |  |  |
| CFM                                               | L/s | kBtuh                                 | kW  |                         | kBtuh                  | kW          |                         | kBtuh                  | kW  |                         | kBtuh                  | kW  |                         |             |  |  |  |
| 726                                               | 345 | 12.0                                  | 3.5 | 425                     | 11.3                   | 3.3         | 440                     | 10.5                   | 3.1 | 455                     | 9.7                    | 2.8 | 465                     |             |  |  |  |
| 831                                               | 390 | 12.1                                  | 3.5 | 410                     | 11.3                   | 3.3         | 425                     | 10.5                   | 3.1 | 440                     | 9.7                    | 2.8 | 450                     |             |  |  |  |
| 970                                               | 460 | 12.3                                  | 3.6 | 395                     | 11.6                   | 3.4         | 410                     | 10.8                   | 3.2 | 425                     | 10.0                   | 2.9 | 435                     |             |  |  |  |

## MAXIMUM CAPACITY

| Indoor Coil<br>Air Volume<br>75°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<br>Capacity             |      | Comp.<br>Motor Watts<br>Input | Total Heating<br>Capacity |            | Comp.<br>Motor Watts<br>Input | Total Heating<br>Capacity |     | Comp.<br>Motor Watts<br>Input | Total Heating<br>Capacity |     | Comp.<br>Motor Watts<br>Input | Total Heating<br>Capacity |     | Comp.<br>Motor Watts<br>Input |               |  |  |  |
|                                                   |     |                                       |      |                               |                           |            |                               |                           |     |                               |                           |     |                               |                           |     |                               |               |  |  |  |
| CFM                                               | L/s | kBtuh                                 | kW   |                               | kBtuh                     | kW         |                               | kBtuh                     | kW  |                               | kBtuh                     | kW  |                               | kBtuh                     | kW  |                               |               |  |  |  |
| 1050                                              | 495 | 40.0                                  | 11.7 | 3015                          | 32.0                      | 9.4        | 2645                          | 23.9                      | 7.0 | 2245                          | 16.0                      | 4.7 | 2010                          | 7.9                       | 2.3 | 1510                          |               |  |  |  |
| 1216                                              | 575 | 40.6                                  | 11.9 | 2925                          | 32.6                      | 9.6        | 2555                          | 24.6                      | 7.2 | 2155                          | 16.6                      | 4.9 | 1920                          | 8.5                       | 2.5 | 1420                          |               |  |  |  |
| 1385                                              | 655 | 41.5                                  | 12.2 | 2865                          | 33.5                      | 9.8        | 2495                          | 25.5                      | 7.5 | 2095                          | 17.6                      | 5.2 | 1860                          | 9.4                       | 2.8 | 1360                          |               |  |  |  |

| 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 |       | 2.93 | 2.85 | 2.77 | 2.69 | 2.64 | 2.56 | 2.36 | 2.15 | 2.16 | 2.16 | 2.16 | 2.16 | 2.13 | 2.05 | 1.92 | 1.8  | 1.67 | 1.55 | 1.42 | 1.3 |
| Total Output              | kBtuh | 40.6 | 38.6 | 36.6 | 34.6 | 33.4 | 32.6 | 30.5 | 28.4 | 26.5 | 24.6 | 22.6 | 21.5 | 20.7 | 18.7 | 16.6 | 14.6 | 12.5 | 10.5 | 8.5  | 6.4 |
|                           | kW    | 11.9 | 11.3 | 10.7 | 10.1 | 9.8  | 9.6  | 8.9  | 8.3  | 7.8  | 7.2  | 6.6  | 6.3  | 6.1  | 5.5  | 4.9  | 4.3  | 3.7  | 3.1  | 2.5  | 1.9 |

|          | Inputs    |  |           |  |           |  |
|----------|-----------|--|-----------|--|-----------|--|
|          | Cap       |  | Watts     |  | Watts     |  |
|          | Low       |  | Med       |  | High      |  |
| CFM      | 726       |  | 831       |  | 970       |  |
| 62°F Low | 11582.827 |  | 433.686   |  | 11594.856 |  |
| 47°F Low | ---       |  | 9271.417  |  | 459.42    |  |
| CFM      | 1050      |  | 1216      |  | 1385      |  |
| 47°F     | 32808.519 |  | 2727.334  |  | 33430.815 |  |
| 35°F     | ---       |  | 28431.65  |  | 2151.921  |  |
| 17°F     | ---       |  | 21454.184 |  | 2159.325  |  |

## HEATING PERFORMANCE EXTENDED RATINGS

## 4HP18V60P-50 - BCE5V60M - INDOOR COIL AT 65°F DRY BULB

## MINIMUM CAPACITY

| Indoor Coil<br>Air Volume<br>65°F db<br>(28°C db) |     | Air Temperature Entering Outdoor Coil |     |                               |                           |             |                               |                           |     |                               |                           |     |                               |             |  |  |  |
|---------------------------------------------------|-----|---------------------------------------|-----|-------------------------------|---------------------------|-------------|-------------------------------|---------------------------|-----|-------------------------------|---------------------------|-----|-------------------------------|-------------|--|--|--|
|                                                   |     | 65°F (18°C)                           |     |                               |                           | 60°F (16°C) |                               |                           |     | 55°F (13°C)                   |                           |     |                               | 50°F (10°C) |  |  |  |
|                                                   |     | Total Heating<br>Capacity             |     | Comp.<br>Motor Watts<br>Input | Total Heating<br>Capacity |             | Comp.<br>Motor Watts<br>Input | Total Heating<br>Capacity |     | Comp.<br>Motor Watts<br>Input | Total Heating<br>Capacity |     | Comp.<br>Motor Watts<br>Input |             |  |  |  |
|                                                   |     |                                       |     |                               |                           |             |                               |                           |     |                               |                           |     |                               |             |  |  |  |
| CFM                                               | L/s | kBtuh                                 | kW  |                               | kBtuh                     | kW          |                               | kBtuh                     | kW  |                               | kBtuh                     | kW  |                               |             |  |  |  |
| 1111                                              | 525 | 23.2                                  | 6.8 | 900                           | 21.7                      | 6.4         | 905                           | 20.3                      | 5.9 | 915                           | 18.8                      | 5.5 | 920                           |             |  |  |  |
| 1212                                              | 570 | 23.2                                  | 6.8 | 875                           | 21.8                      | 6.4         | 880                           | 20.3                      | 5.9 | 885                           | 18.9                      | 5.5 | 890                           |             |  |  |  |
| 1380                                              | 650 | 23.8                                  | 7.0 | 830                           | 22.4                      | 6.6         | 835                           | 20.9                      | 6.1 | 840                           | 19.5                      | 5.7 | 845                           |             |  |  |  |

## MAXIMUM CAPACITY

| Indoor Coil<br>Air Volume<br>65°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<br>Capacity             |      | Comp.<br>Motor Watts<br>Input |       | Total Heating<br>Capacity |      | Comp.<br>Motor Watts<br>Input |      | Total Heating<br>Capacity |       | Comp.<br>Motor Watts<br>Input |      | Total Heating<br>Capacity |     | Comp.<br>Motor Watts<br>Input |               | Total Heating<br>Capacity |     | Comp.<br>Motor Watts<br>Input |      |  |
|                                                   |     |                                       |      |                               |       |                           |      |                               |      |                           |       |                               |      |                           |     |                               |               |                           |     |                               |      |  |
| CFM                                               | L/s | kBtuh                                 | kW   |                               | kBtuh | kW                        |      | kBtuh                         | kW   |                           | kBtuh | kW                            |      | kBtuh                     | kW  |                               | kBtuh         | kW                        |     | kBtuh                         | kW   |  |
| 1605                                              | 755 | 68.0                                  | 19.9 |                               | 5075  | 55.5                      | 16.3 |                               | 4705 | 43.1                      | 12.6  |                               | 4320 | 29.4                      | 8.6 |                               | 3860          | 14.4                      | 4.2 |                               | 2870 |  |
| 1838                                              | 865 | 68.9                                  | 20.2 |                               | 4865  | 56.4                      | 16.5 |                               | 4495 | 44.0                      | 12.9  |                               | 4110 | 30.3                      | 8.9 |                               | 3650          | 15.3                      | 4.5 |                               | 2660 |  |
| 2030                                              | 960 | 69.8                                  | 20.5 |                               | 4730  | 57.3                      | 16.8 |                               | 4360 | 45.0                      | 13.2  |                               | 3975 | 31.3                      | 9.2 |                               | 3515          | 16.3                      | 4.8 |                               | 2525 |  |

| 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 |       | 4.87 | 4.78 | 4.69 | 4.6  | 4.55 | 4.5  | 4.36 | 4.22 | 4.17 | 4.11 | 4.06 | 4.02 | 3.99 | 3.9  | 3.65 | 3.41 | 3.16 | 2.91 | 2.66 | 2.42 |
| Total Output              | kBtuh | 68.9 | 65.7 | 62.5 | 59.4 | 57.5 | 56.4 | 53.6 | 50.8 | 47.4 | 44   | 40.6 | 38.5 | 37.3 | 34.1 | 30.3 | 26.6 | 22.8 | 19.1 | 15.3 | 11.6 |
|                           | kW    | 20.2 | 19.3 | 18.3 | 17.4 | 16.9 | 16.5 | 15.7 | 14.9 | 13.9 | 12.9 | 11.9 | 11.3 | 10.9 | 10.0 | 8.9  | 7.8  | 6.7  | 5.6  | 4.5  | 3.4  |

|          | Inputs    |  |          |  |           |  |
|----------|-----------|--|----------|--|-----------|--|
|          | Cap       |  | Watts    |  | Watts     |  |
|          | Low       |  | Med      |  | High      |  |
| CFM      | 1111      |  | 1212     |  | 1380      |  |
| 62°F Low | 22311.862 |  | 905.201  |  | 22347.104 |  |
| 47°F Low | ---       |  | ---      |  | ---       |  |
| CFM      | 1605      |  | 1838     |  | 2030      |  |
| 47°F     | 56580.116 |  | 4760.251 |  | 57488.084 |  |
| 35°F     | ---       |  | ---      |  | ---       |  |
| 17°F     | ---       |  | ---      |  | ---       |  |

## HEATING PERFORMANCE EXTENDED RATINGS

## 4HP18V60P-50 - BCE5V60M - INDOOR COIL AT 70°F DRY BULB

## MINIMUM CAPACITY

| Indoor Coil<br>Air Volume<br>70°F db<br>(28°C db) |     | Air Temperature Entering Outdoor Coil |     |                               |                           |             |                               |                           |     |                               |                           |     |                               |             |  |  |  |
|---------------------------------------------------|-----|---------------------------------------|-----|-------------------------------|---------------------------|-------------|-------------------------------|---------------------------|-----|-------------------------------|---------------------------|-----|-------------------------------|-------------|--|--|--|
|                                                   |     | 65°F (18°C)                           |     |                               |                           | 60°F (16°C) |                               |                           |     | 55°F (13°C)                   |                           |     |                               | 50°F (10°C) |  |  |  |
|                                                   |     | Total Heating<br>Capacity             |     | Comp.<br>Motor Watts<br>Input | Total Heating<br>Capacity |             | Comp.<br>Motor Watts<br>Input | Total Heating<br>Capacity |     | Comp.<br>Motor Watts<br>Input | Total Heating<br>Capacity |     | Comp.<br>Motor Watts<br>Input |             |  |  |  |
|                                                   |     |                                       |     |                               |                           |             |                               |                           |     |                               |                           |     |                               |             |  |  |  |
| CFM                                               | L/s | kBtuh                                 | kW  |                               | kBtuh                     | kW          |                               | kBtuh                     | kW  |                               | kBtuh                     | kW  |                               |             |  |  |  |
| 1111                                              | 525 | 22.7                                  | 6.7 | 1005                          | 21.3                      | 6.2         | 1010                          | 19.9                      | 5.8 | 1010                          | 18.5                      | 5.4 | 1015                          |             |  |  |  |
| 1212                                              | 570 | 22.8                                  | 6.7 | 970                           | 21.4                      | 6.3         | 975                           | 19.9                      | 5.8 | 980                           | 18.5                      | 5.4 | 980                           |             |  |  |  |
| 1380                                              | 650 | 23.4                                  | 6.9 | 930                           | 21.9                      | 6.4         | 935                           | 20.5                      | 6.0 | 935                           | 19.1                      | 5.6 | 940                           |             |  |  |  |

## MAXIMUM CAPACITY

| 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<br>Capacity             |      | Comp.<br>Motor Watts<br>Input | Total Heating<br>Capacity |            | Comp.<br>Motor Watts<br>Input | Total Heating<br>Capacity |      | Comp.<br>Motor Watts<br>Input | Total Heating<br>Capacity |    | Comp.<br>Motor Watts<br>Input | Total Heating<br>Capacity |     | Comp.<br>Motor Watts<br>Input |               |      |     |  |      |
|                                                   |     |                                       |      |                               |                           |            |                               |                           |      |                               |                           |    |                               |                           |     |                               |               |      |     |  |      |
| CFM                                               | L/s | kBtuh                                 | kW   |                               | kBtuh                     | kW         |                               | kBtuh                     | kW   |                               | kBtuh                     | kW |                               | kBtuh                     | kW  |                               |               |      |     |  |      |
| 1605                                              | 755 | 67.3                                  | 19.7 |                               | 5410                      | 54.9       | 16.1                          |                           | 5005 | 42.6                          | 12.5                      |    | 4585                          | 29.2                      | 8.6 |                               | 4100          | 14.3 | 4.2 |  | 3055 |
| 1838                                              | 865 | 68.2                                  | 20.0 |                               | 5170                      | 55.8       | 16.4                          |                           | 4765 | 43.5                          | 12.7                      |    | 4345                          | 30.1                      | 8.8 |                               | 3860          | 15.2 | 4.5 |  | 2815 |
| 2030                                              | 960 | 69.2                                  | 20.3 |                               | 5025                      | 56.8       | 16.6                          |                           | 4620 | 44.5                          | 13.0                      |    | 4200                          | 31.1                      | 9.1 |                               | 3715          | 16.2 | 4.7 |  | 2670 |

| 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 |       | 5.17 | 5.08 | 4.98 | 4.89 | 4.83 | 4.77 | 4.61 | 4.46 | 4.4  | 4.35 | 4.29 | 4.26 | 4.22 | 4.13 | 3.86 | 3.6  | 3.34 | 3.08 | 2.82 | 2.56 |
| Total Output              | kBtuh | 68.2 | 65   | 61.9 | 58.8 | 56.9 | 55.8 | 53   | 50.2 | 46.9 | 43.5 | 40.2 | 38.2 | 37   | 33.8 | 30.1 | 26.4 | 22.7 | 18.9 | 15.2 | 11.5 |
|                           | kW    | 20.0 | 19.0 | 18.1 | 17.2 | 16.7 | 16.4 | 15.5 | 14.7 | 13.7 | 12.7 | 11.8 | 11.2 | 10.8 | 9.9  | 8.8  | 7.7  | 6.7  | 5.5  | 4.5  | 3.4  |

|          | Inputs    |  |           |  |           |  |
|----------|-----------|--|-----------|--|-----------|--|
|          | Cap       |  | Watts     |  | Watts     |  |
|          | Low       |  | Med       |  | High      |  |
| CFM      | 1111      |  | 1212      |  | 1380      |  |
| 62°F Low | 21891.274 |  | 1008.056  |  | 21931.16  |  |
| 47°F Low | ---       |  | 17653.772 |  | 982.503   |  |
| CFM      | 1605      |  | 1838      |  | 2030      |  |
| 47°F     | 56043.57  |  | 5069.285  |  | 56928.888 |  |
| 35°F     | ---       |  | 50182.81  |  | 4455.638  |  |
| 17°F     | ---       |  | 38210.078 |  | 4256.111  |  |

## HEATING PERFORMANCE EXTENDED RATINGS

## 4HP18V60P-50 - BCE5V60M - INDOOR COIL AT 75°F DRY BULB

## MINIMUM CAPACITY

| Indoor Coil<br>Air Volume<br>75°F db<br>(28°C db) |     | Air Temperature Entering Outdoor Coil |     |                         |  |                        |     |                         |  |                        |     |                         |  |
|---------------------------------------------------|-----|---------------------------------------|-----|-------------------------|--|------------------------|-----|-------------------------|--|------------------------|-----|-------------------------|--|
|                                                   |     | 65°F (18°C)                           |     | 60°F (16°C)             |  | 55°F (13°C)            |     | 50°F (10°C)             |  |                        |     |                         |  |
|                                                   |     | 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  |                         |  |
| 1111                                              | 525 | 22.3                                  | 6.5 | 1115                    |  | 20.9                   | 6.1 | 1115                    |  | 19.5                   | 5.7 | 1110                    |  |
| 1212                                              | 570 | 22.3                                  | 6.5 | 1085                    |  | 20.9                   | 6.1 | 1085                    |  | 19.5                   | 5.7 | 1085                    |  |
| 1380                                              | 650 | 22.9                                  | 6.7 | 1045                    |  | 21.5                   | 6.3 | 1045                    |  | 20.1                   | 5.9 | 1045                    |  |

## MAXIMUM CAPACITY

| Indoor Coil<br>Air Volume<br>75°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 |     |
| CFM                                               | L/s | kBtuh                                 | kW   |                         |  | kBtuh                  | kW   |                         |  | kBtuh                  | kW   |                         |  | kBtuh                  | kW  |
| 1605                                              | 755 | 66.6                                  | 19.5 | 5770                    |  | 54.4                   | 15.9 | 5325                    |  | 42.3                   | 12.4 | 4855                    |  | 29.1                   | 8.5 |
| 1838                                              | 865 | 67.5                                  | 19.8 | 5510                    |  | 55.3                   | 16.2 | 5060                    |  | 43.1                   | 12.6 | 4595                    |  | 29.9                   | 8.8 |
| 2030                                              | 960 | 68.4                                  | 20.0 | 5355                    |  | 56.2                   | 16.5 | 4905                    |  | 44.1                   | 12.9 | 4440                    |  | 30.9                   | 9.1 |

| 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 |       | 5.51 | 5.41 | 5.3  | 5.2  | 5.13 | 5.06 | 4.89 | 4.72 | 4.66 | 4.6  | 4.54 | 4.5  | 4.46 | 4.35 | 4.08 | 3.8  | 3.53 | 3.25 | 2.98 | 2.7  |
| Total Output              | kBtuh | 67.5 | 64.4 | 61.3 | 58.2 | 56.4 | 55.3 | 52.5 | 49.7 | 46.4 | 43.1 | 39.9 | 37.9 | 36.7 | 33.6 | 29.9 | 26.2 | 22.5 | 18.8 | 15.1 | 11.4 |
|                           | kW    | 19.8 | 18.9 | 18.0 | 17.1 | 16.5 | 16.2 | 15.4 | 14.6 | 13.6 | 12.6 | 11.7 | 11.1 | 10.8 | 9.8  | 8.8  | 7.7  | 6.6  | 5.5  | 4.4  | 3.3  |

|          | Inputs    |  |          |  |           |  |
|----------|-----------|--|----------|--|-----------|--|
|          | Cap       |  | Watts    |  | Watts     |  |
|          | Low       |  | Med      |  | High      |  |
| CFM      | 1111      |  | 1212     |  | 1380      |  |
| 62°F Low | 21456.339 |  | 1113.413 |  | 21490.625 |  |
| 47°F Low | ---       |  | ---      |  | 17268.653 |  |
| CFM      | 1605      |  | 1838     |  | 2030      |  |
| 47°F     | 55534.082 |  | 5391.9   |  | 56382.546 |  |
| 35°F     | ---       |  | ---      |  | 5130.233  |  |
| 17°F     | ---       |  | ---      |  | 49670.237 |  |
|          | ---       |  | ---      |  | 4720.437  |  |
|          | ---       |  | ---      |  | ---       |  |
|          | ---       |  | ---      |  | ---       |  |

**ACCESSORIES**

| Description           | Where Used | Kit Number            | Purpose                                                                                   |
|-----------------------|------------|-----------------------|-------------------------------------------------------------------------------------------|
| TXV Kit               | 36         | H4TXV01               | TXVs provide superior refrigerant flow control, comfort and efficiency                    |
|                       | 60         | H4TXV03               |                                                                                           |
| Crankcase heater      | All models | Factory installed     | Prevents liquid migration to compressor in cold weather                                   |
| Sound Blanket         | All models | Factory installed     | Lowers compressor sound level                                                             |
| Short Cycle Protector | All models | Control Board Feature | Protects compressor from short cycling.                                                   |
| Liquid Line Solenoid  | All models | 60M52                 | Prevents liquid migration to the compressor especially for high liquid riser applications |
| Freezestat            | 3/8 tubing | 93G35                 | Protects the compressor at low suction pressure conditions                                |



1-800-448-5872

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