

**MAYTAG®**

## TECHNICAL SPECIFICATIONS

**iQDrive®**

*Model PSH4BG Series*



M1200 Product Line

**R-410A Ultra High Efficiency Heat Pump  
Up to 19.0 SEER — 2 - 5 Ton Capacity**



- **M1200 – 12 YEAR ALL PARTS LIMITED WARRANTY**
- **M1200 WITH UPGRADED WARRANTY PACKAGE - 12 YEAR ALL PARTS & LABOR LIMITED WARRANTY**
- Both the standard and upgraded limited warranty packages offer a 12 Year Dependability Promise to replace the entire unit, if the unit's major component (compressor) fails within the first 12 years of operation, to the original owner. All split system products must be installed with a matched indoor air handler or indoor coil to qualify.
- Product registration (by consumer or dealer) required for 12-year Warranty and Dependability Promise within a limited period of time after the installation. See current warranty document for details. This can be viewed at [www.maytaghvac.com](http://www.maytaghvac.com) or ask your sales representative.
- Dealer is responsible for registration of labor portion of warranty.

Dependable Quality  
**Warranty**

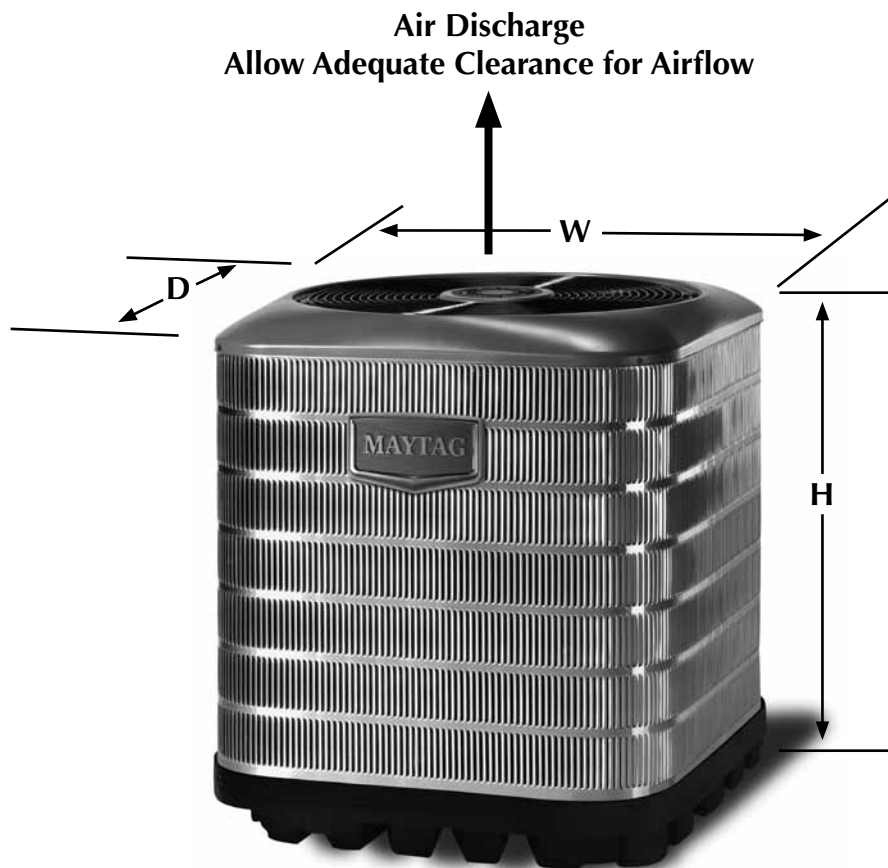
The iQ Drive® heat pump system features modulating compressor technology and variable speed indoor and outdoor fan motors. This system is controlled from a two stage cooling and heating heat pump thermostat. The system has the capability of adding up to 18% of an additional cooling above the rated capacity. The system has de-humidification capabilities from the thermostat or duct mounted humidistat.

- **iQ Drive:** Inverter driven Samsung rotary compressor provides five capacities in modulating operation from a two stage thermostat.
- **Interface control board:** Two digit LED provides system operation, status and diagnostic troubleshooting information.
  - Utilizes a Nordyne: patented capacity control algorithm to select the optimum system capacity level.
  - System Protection: Internal controls monitor system operation to protect the inverter drive and compressor.
  - Cooling operating temperature range: 50 °F to 125 °F
  - Locks out heating: below 0 °F.
  - Adaptive demand defrost: Provides additional energy savings in heating by defrosting only when necessary.
  - Five Minute Restart Time Delay: When the unit shuts down, a delay keeps the unit from restarting, eliminating the highest cause for compressor failure.
- **Suction Accumulator:** Protection from liquid flood back and future compressor failures.
- **R-410A Refrigerant:** Environmentally friendly non-ozone depleting refrigerant.
- **Compressor and Component Access:** Designed to make servicing easier for the contractor, hinge access panels are provided to all controls and the compressor.
- **High Efficiency with the low Sound Levels:** Up to 19 SEER with sound ratings of 59-73 depending upon operating conditions.
- **Compressor Sound Blanket:** Engineered to significantly reduce unwanted compressor noise.
- **Variable Speed Condenser Motor and Swept-Wing Fan Blade:** A heavy duty brushless DC motor for long lasting reliability and engineered to provide quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **Common Suction Service Port:** This port allows the contractor to read the suction pressure in all modes of operation without removing any panels, saving time and increasing serviceability.
- **Discharge muffler:** Reduces compressor noise and vibration.
- **High Pressure Switch:** Protects against abnormally high system pressures. Auto-reset feature prevents nuisance service visits.
- **Low Pressure Switch:** Protects against loss of system refrigerant charge.
- **Liquid Line Filter Drier:** Included with unit, field installed.
- **Copper Tube / Aluminum Fin Coils:** outdoor coils are designed to optimize heat transfer, and increase durability and reliability.
- **Louvered Condenser Guard:** Durable metal guard protects the coil from yard hazards and extreme weather.
- **Composite Base Pan:** Absorbs sound and is corrosion resistant. Composite pan is also stronger and lighter than steel.
- **Designed using galvanized steel:** with a polyester urethane coat finish. The 950 hour salt spray finish resists corrosion 50% better than comparable units.
- **One Piece Top/Orifice:** Designed for maximum airflow and quiet operation.
- **Removable Top Grille Assembly:** Allows ease of service from the top without disconnecting fan motor leads.

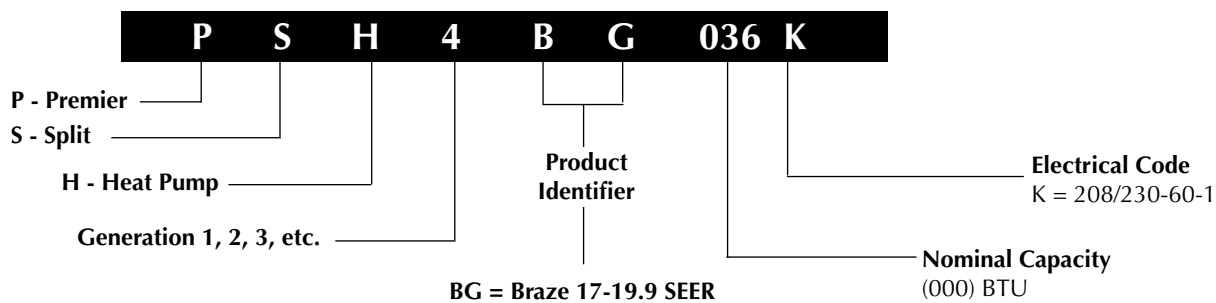
## DIMENSIONS/OUTDOOR SECTION

Up to 19 SEER — Ultra High Efficiency

| PSH4BG | 024K   | 036K   | 048K   | 060K   |
|--------|--------|--------|--------|--------|
| H      | 37     | 41     | 41     | 45     |
| W      | 31 1/4 | 31 1/4 | 31 1/4 | 31 1/4 |
| D      | 31 1/4 | 31 1/4 | 31 1/4 | 31 1/4 |



## IDENTIFICATION CODE



# PHYSICAL AND ELECTRICAL SPECIFICATIONS/OUTDOOR UNITS

| Unit Size:                                                          |                                   |                     | 024K               | 036K               | 048K               | 060K               |
|---------------------------------------------------------------------|-----------------------------------|---------------------|--------------------|--------------------|--------------------|--------------------|
| Electrical Data                                                     | Volts-Cycles-Phase <sup>(1)</sup> |                     | 208/230-60-1       |                    |                    |                    |
|                                                                     | Total Amps                        |                     | 13.1               | 17.5               | 23.5               | 31.2               |
|                                                                     | Delay Fuse Max. <sup>(2)</sup>    |                     | 25                 | 35                 | 45                 | 60                 |
|                                                                     | Min. Circuit Ampacity             |                     | 15.8               | 21.2               | 28.7               | 38                 |
| Condenser Data                                                      | Coil                              | Area (ft²)          | 20.3               | 22.8               | 22.8               | 25.3               |
|                                                                     |                                   | Rows - FPI          | 1-18               | 1-20               | 2-16               | 2-16               |
|                                                                     |                                   | Tube Diam           | 3/8" OD            | 3/8" OD            | 3/8" OD            | 3/8" OD            |
|                                                                     | Fan Motor                         | Type                | Brushless DC       |                    |                    |                    |
|                                                                     |                                   | Amps                | 2.6                | 2.6                | 2.6                | 3.8                |
|                                                                     |                                   | HP                  | 1/3                | 1/3                | 1/3                | 1/2                |
|                                                                     | Compressor Data                   | RLA                 | 10.5               | 14.9               | 20.9               | 27.4               |
|                                                                     |                                   | LRA                 | N/A                | N/A                | N/A                | N/A                |
|                                                                     | Service Valves                    | Liquid Side         | 3/8"               | 3/8"               | 3/8"               | 3/8"               |
|                                                                     |                                   | Vapor Side          | 3/4"               | 7/8"               | 7/8"               | 7/8"               |
| Installation Refrigerant Vapor Line Size (All liquid lines 3/8" OD) |                                   | 0 - 24 ft. equiv.   | 3/4"               | 7/8"               | 7/8"               | 7/8"               |
|                                                                     |                                   | 25 - 39 ft. equiv.  | 3/4"               | 7/8"               | 1-1/8"             | 1-1/8"             |
|                                                                     |                                   | 40 - 75 ft. equiv.  | 7/8"               | 1-1/8"             | 1-1/8"             | 1-1/8"             |
|                                                                     |                                   | 75 - 100 ft. equiv. | 1-1/8"             | 1-1/8"             | 1-1/8"             | 1-1/8"             |
| Refrigerant Type                                                    |                                   |                     | R410A              |                    |                    |                    |
| Refrigerant Charge (oz.), 15 ft. line set (factory charge)          |                                   |                     | 188 <sup>(3)</sup> | 184 <sup>(3)</sup> | 282 <sup>(3)</sup> | 282 <sup>(3)</sup> |
| Sound Ratings                                                       |                                   |                     | 60-72              | 59-71              | 64-73              | 63-72              |
| Weight, lbs. (approximate)                                          |                                   | As shipped          | 200                | 220                | 252                | 272                |
|                                                                     |                                   | Net                 | 191                | 211                | 243                | 263                |

(1) Operating Voltage Range: 187 vac min. to 253 vac max.

(2) HACR Type circuit breakers may be used.

(3) Additional charge for longer line sets as follows (with 3/8" liquid lines):

3/4" vapor line: 0.6 oz per additional foot

7/8" vapor line: 0.7 oz per additional foot

1-1/8" vapor line: 0.8 oz per additional foot

Minimum outdoor temperature for heating is 0°F.

Minimum outdoor temperature for cooling is 40°F.

**See current AHRI Directory for certified combinations and ratings.**

[www.ahridirectory.org](http://www.ahridirectory.org)

**NOTE:** Refrigerant Tubing Limitations-The compressor manufacturer imposes a maximum equivalent line set length of 100 ft. Furthermore, vertical elevation shall not exceed 50 ft.

| COPPER WIRE SIZE — AWG<br>(1% Voltage Drop) |     |     |    |                            |
|---------------------------------------------|-----|-----|----|----------------------------|
| Supply Wire Length-Feet                     |     |     |    | Supply Circuit<br>Ampacity |
| 200                                         | 150 | 100 | 50 |                            |
| 6                                           | 8   | 10  | 14 | 15                         |
| 4                                           | 6   | 8   | 12 | 20                         |
| 4                                           | 6   | 8   | 10 | 25                         |
| 4                                           | 4   | 6   | 10 | 30                         |
| 3                                           | 4   | 6   | 8  | 35                         |
| 3                                           | 4   | 6   | 8  | 40                         |
| 2                                           | 3   | 4   | 6  | 45                         |
| 2                                           | 3   | 4   | 6  | 50                         |

Wire Size based on N.E.C. for 60° type copper conductors.

# SYSTEM CAPACITIES AND MATCHES

## Up to 19 SEER — Ultra High Efficiency — Single Phase

| Model Number | Coil Model Number            | Furnace Model Number | Capacity | SEER | EER  | CFM 2nd Stg | CFM 1st Stg | Heat 47F | HSPF |
|--------------|------------------------------|----------------------|----------|------|------|-------------|-------------|----------|------|
| PSH4BG024K   | B6VMAX24K-B                  |                      | 24,600   | 19.0 | 13.9 | 800         | 535         | 22,400   | 10   |
| PSH4BG024K   | C6B(A,H)-F42(C,U)-B+TXV-X2.0 | MB7VM-1600-B         | 24,600   | 19.0 | 13.9 | 800         | 535         | 22,400   | 10   |
| PSH4BG024K   | C6B(A,H)-F42(C,U)-B+TXV-X2.0 | MGC2S(*)B +(*)SHE    | 24,400   | 19.0 | 13.5 | 820         | 550         | 22,200   | 10   |
| PSH4BG024K   | C6B(A,H)-F42(C,U)-B+TXV-X2.0 | PGC2MQ(*)VB          | 24,400   | 19.0 | 13.5 | 820         | 550         | 22,200   | 10   |
| PSH4BG024K   | C6B(A,H)-F42(C,U)-B+TXV-X2.0 | PGC2T(*)VB           | 24,400   | 19.0 | 13.5 | 820         | 550         | 22,200   | 10   |
| PSH4BG024K   | C6B(A,H)-X26(C,U)-B          | MB7VM-1600-B         | 24,600   | 19.0 | 13.9 | 800         | 535         | 22,400   | 10   |
| PSH4BG024K   | C6B(A,H)-X26(C,U)-B          | MGC2S(*)B +(*)SHE    | 24,400   | 19.0 | 13.5 | 820         | 550         | 22,200   | 10   |
| PSH4BG024K   | C6B(A,H)-X26(C,U)-B          | PGC2MQ(*)VB          | 24,400   | 19.0 | 13.5 | 820         | 550         | 22,200   | 10   |
| PSH4BG024K   | C6B(A,H)-X26(C,U)-B          | PGC2T(*)VB           | 24,400   | 19.0 | 13.5 | 820         | 550         | 22,200   | 10   |
| PSH4BG036K   | B6VMAX36K-B                  |                      | 34,800   | 19.0 | 12.6 | 1200        | 805         | 34,400   | 10   |
| PSH4BG036K   | C6B(A,H)-F42(C,U)-B+TXV-X3.0 | MB7VM-1600-B         | 34,800   | 19.0 | 12.6 | 1200        | 805         | 34,400   | 10   |
| PSH4BG036K   | C6B(A,H)-F42(C,U)-B+TXV-X3.0 | MGC2S(*)B +(*)SHE    | 34,600   | 18.0 | 12.0 | 1240        | 830         | 34,600   | 10   |
| PSH4BG036K   | C6B(A,H)-F42(C,U)-B+TXV-X3.0 | PGC2MQ(*)VB          | 34,600   | 18.0 | 12.0 | 1240        | 830         | 34,600   | 10   |
| PSH4BG036K   | C6B(A,H)-F42(C,U)-B+TXV-X3.0 | PGC2T(*)VB           | 34,600   | 18.0 | 12.0 | 1240        | 830         | 34,600   | 10   |
| PSH4BG036K   | C6B(A,H)-F48(C,U)-C+TXV-X3.0 | MGC2S(*)C +(*)SHE    | 34,800   | 18.5 | 12.5 | 1220        | 820         | 34,200   | 10   |
| PSH4BG036K   | C6B(A,H)-F48(C,U)-C+TXV-X3.0 | PGC2MQ(*)VC          | 34,800   | 18.5 | 12.5 | 1220        | 820         | 34,200   | 10   |
| PSH4BG036K   | C6B(A,H)-F48(C,U)-C+TXV-X3.0 | PGC2T(*)VC           | 34,800   | 18.5 | 12.5 | 1220        | 820         | 34,200   | 10   |
| PSH4BG036K   | C6B(A,H)-X36(C,U)-B          | MB7VM-1600-B         | 34,800   | 19.0 | 12.6 | 1200        | 805         | 34,400   | 10   |
| PSH4BG036K   | C6B(A,H)-X36(C,U)-B          | MGC2S(*)B +(*)SHE    | 34,600   | 18.0 | 12.0 | 1240        | 830         | 34,600   | 10   |
| PSH4BG036K   | C6B(A,H)-X36(C,U)-B          | PGC2MQ(*)VB          | 34,600   | 18.0 | 12.0 | 1240        | 830         | 34,600   | 10   |
| PSH4BG036K   | C6B(A,H)-X36(C,U)-B          | PGC2T(*)VB           | 34,600   | 18.0 | 12.0 | 1240        | 830         | 34,600   | 10   |
| PSH4BG036K   | C6B(A,H)-X36(C,U)-C          | MGC2S(*)C +(*)SHE    | 34,800   | 18.5 | 12.5 | 1220        | 820         | 34,200   | 10   |
| PSH4BG036K   | C6B(A,H)-X36(C,U)-C          | PGC2MQ(*)VC          | 34,800   | 18.5 | 12.5 | 1220        | 820         | 34,200   | 10   |
| PSH4BG036K   | C6B(A,H)-X36(C,U)-C          | PGC2T(*)VC           | 34,800   | 18.5 | 12.5 | 1220        | 820         | 34,200   | 10   |
| PSH4BG048K   | B6VMAX48K-C                  |                      | 44,500   | 18.0 | 12.6 | 1350        | 905         | 44,000   | 9.5  |
| PSH4BG048K   | C6B(A,H)-F60(C,U)-C+TXV-X4.0 | MB7VM-2000-C         | 44,500   | 18.0 | 12.6 | 1350        | 905         | 44,000   | 9.5  |
| PSH4BG048K   | C6B(A,H)-F60(C,U)-C+TXV-X4.0 | MGC2S(*)C +(*)SHE    | 44,000   | 18.0 | 12.3 | 1350        | 905         | 44,200   | 9.0  |
| PSH4BG048K   | C6B(A,H)-F60(C,U)-C+TXV-X4.0 | PGC2MQ(*)VC          | 44,000   | 18.0 | 12.3 | 1350        | 905         | 44,200   | 9.0  |
| PSH4BG048K   | C6B(A,H)-F60(C,U)-C+TXV-X4.0 | PGC2T(*)VC           | 44,000   | 18.0 | 12.3 | 1350        | 905         | 44,200   | 9.0  |
| PSH4BG048K   | C6B(A,H)-X48(C,U)-C          | MB7VM-2000-C         | 44,500   | 18.0 | 12.6 | 1350        | 905         | 44,000   | 9.5  |
| PSH4BG048K   | C6B(A,H)-X48(C,U)-C          | MGC2S(*)C +(*)SHE    | 44,000   | 18.0 | 12.3 | 1350        | 905         | 44,200   | 9.0  |
| PSH4BG048K   | C6B(A,H)-X48(C,U)-C          | PGC2MQ(*)VC          | 44,000   | 18.0 | 12.3 | 1350        | 905         | 44,200   | 9.0  |
| PSH4BG048K   | C6B(A,H)-X48(C,U)-C          | PGC2T(*)VC           | 44,000   | 18.0 | 12.3 | 1350        | 905         | 44,200   | 9.0  |
| PSH4BG060K   | B6VMAX60K-C                  |                      | 53,000   | 18.0 | 11.5 | 1500        | 1005        | 56,000   | 9.5  |
| PSH4BG060K   | C6B(A,H)-F60(C,U)-C+TXV-X5.0 | MB7VM-2000-C         | 53,000   | 18.0 | 11.5 | 1500        | 1005        | 56,000   | 9.5  |
| PSH4BG060K   | C6B(A,H)-F60(C,U)-C+TXV-X5.0 | MGC2S(*)C +(*)SHE    | 53,000   | 18.0 | 11.4 | 1545        | 1035        | 56,000   | 9.5  |
| PSH4BG060K   | C6B(A,H)-F60(C,U)-C+TXV-X5.0 | PGC2MQ(*)VC          | 53,000   | 18.0 | 11.4 | 1545        | 1035        | 56,000   | 9.5  |
| PSH4BG060K   | C6B(A,H)-F60(C,U)-C+TXV-X5.0 | PGC2T(*)VC           | 53,000   | 18.0 | 11.4 | 1545        | 1035        | 56,000   | 9.5  |
| PSH4BG060K   | C6B(A,H)-F60(C,U)-D+TXV-X5.0 | MGC2S(*)D +(*)SHE    | 53,000   | 18.0 | 11.4 | 1520        | 1020        | 56,000   | 9.5  |
| PSH4BG060K   | C6B(A,H)-F60(C,U)-D+TXV-X5.0 | PGC2MQ(*)VD          | 53,000   | 18.0 | 11.4 | 1520        | 1020        | 56,000   | 9.5  |
| PSH4BG060K   | C6B(A,H)-F60(C,U)-D+TXV-X5.0 | PGC2T(*)VD           | 53,000   | 18.0 | 11.4 | 1520        | 1020        | 56,000   | 9.5  |
| PSH4BG060K   | C6B(A,H)-X60(C,U)-C          | MB7VM-2000-C         | 53,000   | 18.0 | 11.5 | 1500        | 1005        | 56,000   | 9.5  |
| PSH4BG060K   | C6B(A,H)-X60(C,U)-C          | MGC2S(*)C +(*)SHE    | 53,000   | 18.0 | 11.4 | 1545        | 1035        | 56,000   | 9.5  |
| PSH4BG060K   | C6B(A,H)-X60(C,U)-C          | PGC2MQ(*)VC          | 53,000   | 18.0 | 11.4 | 1545        | 1035        | 56,000   | 9.5  |
| PSH4BG060K   | C6B(A,H)-X60(C,U)-C          | PGC2T(*)VC           | 53,000   | 18.0 | 11.4 | 1545        | 1035        | 56,000   | 9.5  |
| PSH4BG060K   | C6B(A,H)-X60(C,U)-D          | MGC2S(*)D +(*)SHE    | 53,000   | 18.0 | 11.4 | 1520        | 1020        | 56,000   | 9.5  |
| PSH4BG060K   | C6B(A,H)-X60(C,U)-D          | PGC2MQ(*)VD          | 53,000   | 18.0 | 11.4 | 1520        | 1020        | 56,000   | 9.5  |
| PSH4BG060K   | C6B(A,H)-X60(C,U)-D          | PGC2T(*)VD           | 53,000   | 18.0 | 11.4 | 1520        | 1020        | 56,000   | 9.5  |

**Note:** Conditions for Nominal Capacity rating are 80°F dry bulb temperature, 67°F wet bulb temperature (approximately 51% RH) indoors, 95°F outdoor ambient temperature. Minimum outdoor temperature for cooling is 50°F.

**Note:** Conditions for Nominal Capacity rating are 70°F dry bulb temperature indoors, 47°F dry bulb temperature, 43°F wet bulb temperature outdoors. Minimum outdoor temperature for heating is 0°F.

See current AHRI Directory for certified combinations and ratings.

[www.ahridirectory.org](http://www.ahridirectory.org)

# COOLING EXPANDED RATINGS

## 2 Ton Split Heat Pump w/ Air Handler First Stage (Low Speed C1) Cooling Matched with B6VMAX24K-B-Air Handler

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |     | 125°F |      |     |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  |
| 450                  | 80            | 62            | 12.5 | 12.1 | 0.4 | 11.9 | 11.7 | 0.5 | 11.2 | 11.2 | 0.6 | 10.6 | 10.6 | 0.8 | 9.9   | 9.9  | 0.9 | 9.3   | 9.3  | 1.1 | 8.7   | 8.5  | 1.3 |
|                      | 80            | 67            | 13.9 | 9.8  | 0.4 | 13.2 | 9.6  | 0.5 | 12.4 | 9.4  | 0.6 | 11.6 | 9.1  | 0.7 | 10.7  | 8.9  | 0.9 | 9.9   | 8.5  | 1.1 | 8.9   | 8.2  | 1.3 |
|                      | 80            | 72            | 15.4 | 7.7  | 0.4 | 14.7 | 7.5  | 0.5 | 13.9 | 7.2  | 0.6 | 13.0 | 7.0  | 0.7 | 12.0  | 6.7  | 0.9 | 10.8  | 6.3  | 1.1 | 9.6   | 5.9  | 1.3 |
|                      | 75            | 63            | 12.9 | 9.6  | 0.4 | 12.1 | 9.2  | 0.5 | 11.3 | 8.9  | 0.6 | 10.6 | 8.7  | 0.8 | 9.9   | 8.5  | 0.9 | 9.2   | 8.3  | 1.1 | 8.6   | 8.1  | 1.4 |
| 550                  | 80            | 62            | 13.4 | 13.2 | 0.4 | 12.6 | 12.5 | 0.5 | 11.9 | 11.8 | 0.6 | 11.1 | 11.1 | 0.8 | 10.4  | 10.4 | 0.9 | 9.8   | 9.7  | 1.1 | 9.2   | 9.0  | 1.3 |
|                      | 80            | 67            | 14.3 | 10.9 | 0.4 | 13.5 | 10.7 | 0.5 | 12.7 | 10.5 | 0.6 | 11.9 | 10.2 | 0.7 | 11.1  | 9.9  | 0.9 | 10.2  | 9.5  | 1.1 | 9.4   | 9.1  | 1.4 |
|                      | 80            | 72            | 15.8 | 8.3  | 0.4 | 15.1 | 8.1  | 0.5 | 14.3 | 7.9  | 0.6 | 13.3 | 7.7  | 0.7 | 12.3  | 7.4  | 0.9 | 11.1  | 7.1  | 1.1 | 9.9   | 6.7  | 1.3 |
|                      | 75            | 63            | 13.4 | 10.6 | 0.4 | 12.5 | 10.3 | 0.5 | 11.7 | 9.9  | 0.6 | 10.9 | 9.6  | 0.8 | 10.2  | 9.4  | 0.9 | 9.5   | 9.1  | 1.1 | 8.9   | 8.9  | 1.4 |
| 650                  | 80            | 62            | 14.3 | 14.2 | 0.4 | 13.4 | 13.3 | 0.5 | 12.5 | 12.5 | 0.6 | 11.7 | 11.7 | 0.8 | 10.9  | 10.9 | 0.9 | 10.2  | 10.2 | 1.1 | 9.6   | 9.6  | 1.4 |
|                      | 80            | 67            | 14.8 | 11.9 | 0.4 | 13.8 | 11.7 | 0.5 | 13.0 | 11.4 | 0.6 | 12.1 | 11.2 | 0.8 | 11.4  | 10.9 | 0.9 | 10.6  | 10.6 | 1.1 | 9.9   | 9.9  | 1.4 |
|                      | 80            | 72            | 16.2 | 9.0  | 0.4 | 15.5 | 8.8  | 0.5 | 14.6 | 8.6  | 0.6 | 13.7 | 8.4  | 0.7 | 12.6  | 8.1  | 0.9 | 11.4  | 7.8  | 1.1 | 10.2  | 7.5  | 1.4 |
|                      | 75            | 63            | 13.9 | 11.7 | 0.4 | 13.0 | 11.3 | 0.5 | 12.1 | 11.0 | 0.6 | 11.3 | 10.6 | 0.8 | 10.6  | 10.3 | 0.9 | 9.9   | 9.9  | 1.1 | 9.2   | 9.2  | 1.4 |

## Second Stage (Nominal High Speed C4) Cooling Matched with B6VMAX24K-B-Air Handler

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |     | 125°F |      |     |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  |
| 700                  | 80            | 62            | 25.2 | 21.4 | 1.1 | 23.9 | 20.9 | 1.3 | 22.7 | 20.3 | 1.5 | 21.5 | 19.7 | 1.7 | 20.2  | 19.1 | 2.0 | 19.0  | 18.4 | 2.2 | 17.7  | 17.6 | 2.5 |
|                      | 80            | 67            | 27.3 | 18.0 | 1.1 | 26.1 | 17.6 | 1.3 | 24.8 | 17.1 | 1.5 | 23.5 | 16.6 | 1.7 | 22.1  | 16.1 | 2.0 | 20.6  | 15.5 | 2.2 | 18.9  | 14.8 | 2.5 |
|                      | 80            | 72            | 29.8 | 14.4 | 1.1 | 28.6 | 13.9 | 1.3 | 27.4 | 13.5 | 1.5 | 26.0 | 13.1 | 1.7 | 24.4  | 12.6 | 2.0 | 22.7  | 12.0 | 2.2 | 20.9  | 11.4 | 2.5 |
|                      | 75            | 63            | 25.1 | 17.3 | 1.1 | 24.0 | 16.8 | 1.3 | 22.9 | 16.4 | 1.5 | 21.7 | 15.9 | 1.7 | 20.5  | 15.3 | 2.0 | 19.2  | 14.7 | 2.2 | 17.9  | 14.0 | 2.5 |
| 800                  | 80            | 62            | 26.1 | 23.1 | 1.2 | 24.8 | 22.6 | 1.3 | 23.4 | 21.9 | 1.5 | 22.1 | 21.1 | 1.8 | 20.8  | 20.2 | 2.0 | 19.5  | 19.1 | 2.2 | 18.2  | 18.0 | 2.5 |
|                      | 80            | 67            | 28.6 | 19.7 | 1.1 | 27.3 | 19.5 | 1.3 | 25.9 | 19.1 | 1.5 | 24.6 | 18.5 | 1.8 | 23.3  | 17.9 | 2.0 | 22.0  | 17.1 | 2.3 | 20.7  | 16.2 | 2.5 |
|                      | 80            | 72            | 30.4 | 15.0 | 1.1 | 29.3 | 14.6 | 1.3 | 28.0 | 14.2 | 1.5 | 26.5 | 13.8 | 1.8 | 24.9  | 13.2 | 2.0 | 23.1  | 12.6 | 2.3 | 21.2  | 12.0 | 2.6 |
|                      | 75            | 63            | 25.8 | 18.3 | 1.2 | 24.7 | 17.9 | 1.3 | 23.5 | 17.4 | 1.5 | 22.2 | 16.9 | 1.8 | 20.9  | 16.4 | 2.0 | 19.4  | 15.7 | 2.3 | 17.9  | 15.0 | 2.5 |
| 900                  | 80            | 62            | 27.0 | 24.8 | 1.2 | 25.6 | 24.3 | 1.4 | 24.2 | 23.5 | 1.6 | 22.8 | 22.5 | 1.8 | 21.5  | 21.3 | 2.0 | 20.1  | 19.9 | 2.3 | 18.8  | 18.4 | 2.5 |
|                      | 80            | 67            | 29.3 | 21.0 | 1.2 | 27.9 | 21.0 | 1.4 | 26.5 | 20.6 | 1.6 | 25.2 | 20.0 | 1.8 | 23.9  | 19.1 | 2.0 | 22.5  | 18.1 | 2.3 | 21.2  | 16.8 | 2.6 |
|                      | 80            | 72            | 31.0 | 15.7 | 1.1 | 29.9 | 15.3 | 1.3 | 28.6 | 14.9 | 1.5 | 27.1 | 14.5 | 1.8 | 25.4  | 13.9 | 2.0 | 23.5  | 13.3 | 2.3 | 21.5  | 12.5 | 2.6 |
|                      | 75            | 63            | 26.5 | 19.4 | 1.2 | 25.4 | 19.0 | 1.4 | 24.1 | 18.5 | 1.6 | 22.8 | 18.0 | 1.8 | 21.2  | 17.4 | 2.0 | 19.6  | 16.7 | 2.3 | 17.8  | 15.9 | 2.6 |

## Second Stage (Boost Speed C5) Cooling Matched with B6VMAX24K-B-Air Handler

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |    | 125°F |      |    |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|----|-------|------|----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW | T.C.  | S.C. | kW |
| 700                  | 80            | 62            | 29.2 | 23.5 | 1.5 | 27.6 | 22.8 | 1.7 | 26.1 | 22.1 | 1.9 | 24.6 | 21.4 | 2.1 | 23.1  | 20.7 | 2.4 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 67            | 31.2 | 19.7 | 1.5 | 29.8 | 19.1 | 1.7 | 28.4 | 18.6 | 1.9 | 27.1 | 18.0 | 2.2 | 25.7  | 17.5 | 2.5 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 72            | 34.4 | 16.1 | 1.4 | 33.2 | 15.6 | 1.7 | 31.8 | 15.1 | 1.9 | 30.2 | 14.6 | 2.2 | 28.5  | 14.0 | 2.5 | —     | —    | —  | —     | —    | —  |
|                      | 75            | 63            | 28.9 | 19.0 | 1.5 | 27.9 | 18.6 | 1.7 | 26.6 | 18.1 | 1.9 | 25.2 | 17.5 | 2.2 | 23.7  | 16.8 | 2.4 | —     | —    | —  | —     | —    | —  |
| 800                  | 80            | 62            | 30.3 | 25.1 | 1.5 | 28.7 | 24.4 | 1.7 | 27.1 | 23.7 | 1.9 | 25.5 | 22.9 | 2.2 | 23.9  | 22.1 | 2.5 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 67            | 32.2 | 20.9 | 1.5 | 30.8 | 20.3 | 1.7 | 29.4 | 19.8 | 1.9 | 27.9 | 19.2 | 2.2 | 26.5  | 18.7 | 2.5 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 72            | 35.2 | 16.9 | 1.5 | 34.0 | 16.5 | 1.7 | 32.5 | 16.0 | 2.0 | 30.9 | 15.4 | 2.2 | 29.1  | 14.8 | 2.5 | —     | —    | —  | —     | —    | —  |
|                      | 75            | 63            | 29.9 | 20.2 | 1.5 | 28.8 | 19.9 | 1.7 | 27.5 | 19.4 | 2.0 | 26.0 | 18.7 | 2.2 | 24.3  | 18.0 | 2.5 | —     | —    | —  | —     | —    | —  |
| 900                  | 80            | 62            | 31.3 | 26.8 | 1.5 | 29.8 | 26.1 | 1.7 | 28.1 | 25.4 | 2.0 | 26.4 | 24.5 | 2.2 | 24.6  | 23.6 | 2.5 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 67            | 33.4 | 22.3 | 1.5 | 32.2 | 22.0 | 1.7 | 30.9 | 21.5 | 2.0 | 29.3 | 20.9 | 2.2 | 27.4  | 20.1 | 2.5 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 72            | 36.0 | 17.7 | 1.5 | 34.7 | 17.3 | 1.7 | 33.3 | 16.8 | 2.0 | 31.6 | 16.3 | 2.3 | 29.7  | 15.6 | 2.5 | —     | —    | —  | —     | —    | —  |
|                      | 75            | 63            | 30.9 | 21.6 | 1.5 | 29.8 | 21.2 | 1.7 | 28.4 | 20.7 | 2.0 | 26.8 | 20.0 | 2.2 | 24.9  | 19.2 | 2.5 | —     | —    | —  | —     | —    | —  |

E.D.B. = Entering dry bulb    E.W.B. = Entering wet bulb    T.C. = Total Capacity    S.C. = Sensible Capacity    kW = Kilo Watts

NOTE: For outdoor temperature ranges that are blank, values are omitted because the interface controller may reduce compressor speed for protection.

# COOLING EXPANDED RATINGS (CONTINUED)

## 3 Ton Split Heat Pump w/ Air Handler First Stage (Low Speed C1) Cooling Matched with B6VMAX36K-B Air Handler

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |     | 125°F |      |     |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  |
| 700                  | 80            | 62            | 20.0 | 19.1 | 0.7 | 19.2 | 18.5 | 0.8 | 18.3 | 17.9 | 1.0 | 17.3 | 17.0 | 1.1 | 16.2  | 16.0 | 1.3 | 14.9  | 14.9 | 1.5 | 13.6  | 13.6 | 1.8 |
|                      | 80            | 67            | 22.3 | 16.0 | 0.7 | 21.1 | 15.7 | 0.8 | 19.9 | 15.3 | 1.0 | 18.5 | 14.8 | 1.2 | 17.1  | 14.2 | 1.4 | 15.7  | 13.6 | 1.6 | 14.2  | 12.9 | 1.8 |
|                      | 80            | 72            | 24.4 | 12.4 | 0.6 | 23.2 | 12.1 | 0.8 | 21.9 | 11.8 | 1.0 | 20.6 | 11.4 | 1.1 | 19.1  | 10.9 | 1.3 | 17.5  | 10.4 | 1.6 | 15.9  | 9.8  | 1.8 |
|                      | 75            | 63            | 20.5 | 15.3 | 0.7 | 19.5 | 14.9 | 0.8 | 18.3 | 14.4 | 1.0 | 17.1 | 13.9 | 1.2 | 15.8  | 13.5 | 1.3 | 14.4  | 13.0 | 1.6 | 12.9  | 12.5 | 1.8 |
| 800                  | 80            | 62            | 20.8 | 20.1 | 0.7 | 19.9 | 19.4 | 0.8 | 18.9 | 18.6 | 1.0 | 17.8 | 17.6 | 1.2 | 16.7  | 16.6 | 1.4 | 15.4  | 15.4 | 1.6 | 14.1  | 14.1 | 1.8 |
|                      | 80            | 67            | 22.8 | 17.2 | 0.7 | 21.6 | 16.9 | 0.8 | 20.2 | 16.4 | 1.0 | 18.8 | 15.9 | 1.2 | 17.4  | 15.4 | 1.4 | 15.9  | 14.7 | 1.6 | 14.4  | 14.0 | 1.8 |
|                      | 80            | 72            | 24.9 | 13.1 | 0.6 | 23.7 | 12.9 | 0.8 | 22.4 | 12.6 | 1.0 | 21.0 | 12.2 | 1.2 | 19.5  | 11.7 | 1.4 | 17.8  | 11.1 | 1.6 | 16.1  | 10.5 | 1.8 |
|                      | 75            | 63            | 21.0 | 16.4 | 0.7 | 19.9 | 16.0 | 0.8 | 18.7 | 15.6 | 1.0 | 17.5 | 15.1 | 1.2 | 16.1  | 14.6 | 1.4 | 14.6  | 14.0 | 1.6 | 12.9  | 12.9 | 1.8 |
| 900                  | 80            | 62            | 21.5 | 21.1 | 0.7 | 20.6 | 20.3 | 0.8 | 19.5 | 19.3 | 1.0 | 18.4 | 18.3 | 1.2 | 17.2  | 17.1 | 1.4 | 15.9  | 15.9 | 1.6 | 14.6  | 14.6 | 1.8 |
|                      | 80            | 67            | 23.3 | 18.4 | 0.7 | 22.0 | 18.1 | 0.9 | 20.6 | 17.7 | 1.0 | 19.1 | 17.2 | 1.2 | 17.7  | 16.5 | 1.4 | 16.1  | 15.7 | 1.6 | 14.5  | 14.5 | 1.8 |
|                      | 80            | 72            | 25.4 | 13.9 | 0.7 | 24.2 | 13.7 | 0.8 | 22.9 | 13.4 | 1.0 | 21.4 | 13.0 | 1.2 | 19.9  | 12.5 | 1.4 | 18.1  | 11.9 | 1.6 | 16.3  | 11.2 | 1.8 |
|                      | 75            | 63            | 21.5 | 17.6 | 0.7 | 20.4 | 17.4 | 0.9 | 19.2 | 17.0 | 1.0 | 17.8 | 16.4 | 1.2 | 16.4  | 15.5 | 1.4 | 14.7  | 14.5 | 1.6 | 13.0  | 13.0 | 1.8 |

## Second Stage (Nominal High Speed C4) Cooling Matched with B6VMAX36K-B Air Handler

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F        |             |            | 105°F |      |     | 115°F |      |     | 125°F |      |    |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|-------------|-------------|------------|-------|------|-----|-------|------|-----|-------|------|----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.        | S.C.        | kW         | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW |
| 1050                 | 80            | 62            | 35.7 | 30.9 | 1.8 | 33.8 | 30.1 | 2.0 | 32.0 | 29.2 | 2.3 | 30.2        | 28.3        | 2.6        | 28.5  | 27.3 | 3.0 | 26.8  | 26.4 | 3.3 | —     | —    | —  |
|                      | 80            | 67            | 39.0 | 26.1 | 1.8 | 37.6 | 25.5 | 2.1 | 35.9 | 24.8 | 2.4 | 34.1        | 24.0        | 2.7        | 32.1  | 23.3 | 3.0 | 29.9  | 22.5 | 3.4 | —     | —    | —  |
|                      | 80            | 72            | 40.8 | 19.7 | 1.8 | 40.2 | 19.8 | 2.0 | 39.2 | 19.6 | 2.3 | 37.6        | 19.2        | 2.7        | 35.5  | 18.5 | 3.0 | 32.8  | 17.6 | 3.4 | —     | —    | —  |
|                      | 75            | 63            | 36.6 | 25.5 | 1.8 | 34.9 | 24.7 | 2.1 | 33.1 | 23.9 | 2.3 | 31.2        | 23.1        | 2.6        | 29.3  | 22.4 | 3.0 | 27.3  | 21.6 | 3.3 | —     | —    | —  |
| 1200                 | 80            | 62            | 36.3 | 32.7 | 1.9 | 34.6 | 31.9 | 2.1 | 32.9 | 31.0 | 2.4 | 31.1        | 29.9        | 2.7        | 29.4  | 28.7 | 3.1 | 27.6  | 27.4 | 3.4 | —     | —    | —  |
|                      | 80            | 67            | 39.3 | 27.1 | 1.9 | 38.1 | 26.9 | 2.2 | 36.6 | 26.6 | 2.4 | <b>34.8</b> | <b>26.0</b> | <b>2.8</b> | 32.6  | 25.1 | 3.1 | 30.2  | 24.1 | 3.5 | —     | —    | —  |
|                      | 80            | 72            | 41.0 | 20.2 | 1.9 | 40.6 | 20.4 | 2.1 | 39.6 | 20.3 | 2.4 | 38.1        | 20.0        | 2.8        | 35.9  | 19.3 | 3.1 | 33.2  | 18.4 | 3.5 | —     | —    | —  |
|                      | 75            | 63            | 37.2 | 26.8 | 1.9 | 35.5 | 25.9 | 2.1 | 33.7 | 25.1 | 2.4 | 31.8        | 24.4        | 2.7        | 29.8  | 23.7 | 3.1 | 27.8  | 23.0 | 3.4 | —     | —    | —  |
| 1350                 | 80            | 62            | 37.0 | 34.6 | 1.9 | 35.4 | 33.8 | 2.2 | 33.8 | 32.8 | 2.5 | 32.1        | 31.5        | 2.8        | 30.3  | 30.0 | 3.1 | 28.5  | 28.3 | 3.5 | —     | —    | —  |
|                      | 80            | 67            | 39.7 | 28.1 | 1.9 | 38.8 | 28.5 | 2.2 | 37.5 | 28.4 | 2.5 | 35.7        | 27.9        | 2.8        | 33.4  | 27.1 | 3.1 | 30.6  | 25.8 | 3.5 | —     | —    | —  |
|                      | 80            | 72            | 41.2 | 20.7 | 2.0 | 41.0 | 21.0 | 2.2 | 40.1 | 21.1 | 2.5 | 38.6        | 20.8        | 2.8        | 36.4  | 20.1 | 3.2 | 33.6  | 19.2 | 3.6 | —     | —    | —  |
|                      | 75            | 63            | 37.8 | 28.1 | 2.0 | 36.1 | 27.2 | 2.2 | 34.3 | 26.4 | 2.5 | 32.3        | 25.6        | 2.8        | 30.3  | 25.0 | 3.2 | 28.2  | 24.4 | 3.5 | —     | —    | —  |

## Second Stage (Boost Speed C5) Cooling Matched with B6VMAX36K-B Air Handler

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |    | 125°F |      |    |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|----|-------|------|----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW | T.C.  | S.C. | kW |
| 1050                 | 80            | 62            | 39.1 | 32.8 | 2.1 | 37.6 | 32.1 | 2.4 | 35.8 | 31.1 | 2.7 | 33.8 | 29.9 | 3.1 | 31.6  | 28.5 | 3.5 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 67            | 42.2 | 27.2 | 2.2 | 41.3 | 26.9 | 2.5 | 39.9 | 26.4 | 2.8 | 37.8 | 25.6 | 3.1 | 35.2  | 24.5 | 3.5 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 72            | 44.2 | 21.0 | 2.1 | 44.4 | 21.4 | 2.3 | 43.6 | 21.2 | 2.6 | 41.9 | 20.6 | 3.0 | 39.1  | 19.5 | 3.6 | —     | —    | —  | —     | —    | —  |
|                      | 75            | 63            | 40.2 | 27.2 | 2.2 | 38.6 | 26.3 | 2.5 | 36.7 | 25.4 | 2.8 | 34.7 | 24.5 | 3.1 | 32.5  | 23.6 | 3.5 | —     | —    | —  | —     | —    | —  |
| 1200                 | 80            | 62            | 39.7 | 34.2 | 2.2 | 38.2 | 33.8 | 2.5 | 36.5 | 33.0 | 2.8 | 34.6 | 31.9 | 3.2 | 32.4  | 30.5 | 3.6 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 67            | 42.5 | 28.1 | 2.2 | 41.9 | 28.3 | 2.5 | 40.6 | 28.0 | 2.9 | 38.6 | 27.3 | 3.2 | 35.8  | 26.1 | 3.6 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 72            | 44.1 | 21.4 | 2.2 | 44.3 | 21.7 | 2.5 | 43.6 | 21.7 | 2.9 | 42.1 | 21.3 | 3.2 | 39.6  | 20.5 | 3.7 | —     | —    | —  | —     | —    | —  |
|                      | 75            | 63            | 40.8 | 28.4 | 2.2 | 39.2 | 27.8 | 2.5 | 37.4 | 27.0 | 2.9 | 35.3 | 26.0 | 3.2 | 33.1  | 24.9 | 3.6 | —     | —    | —  | —     | —    | —  |
| 1350                 | 80            | 62            | 40.3 | 35.6 | 2.3 | 38.9 | 35.5 | 2.6 | 37.2 | 35.0 | 2.9 | 35.3 | 34.0 | 3.3 | 33.1  | 32.5 | 3.7 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 67            | 42.9 | 29.0 | 2.3 | 42.5 | 29.7 | 2.6 | 41.3 | 29.7 | 2.9 | 39.3 | 29.1 | 3.3 | 36.5  | 27.8 | 3.7 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 72            | 44.5 | 22.1 | 2.3 | 45.1 | 22.8 | 2.6 | 44.6 | 23.0 | 3.0 | 43.0 | 22.6 | 3.3 | 40.3  | 21.6 | 3.8 | —     | —    | —  | —     | —    | —  |
|                      | 75            | 63            | 41.3 | 29.6 | 2.3 | 39.8 | 29.2 | 2.6 | 38.0 | 28.6 | 2.9 | 36.0 | 27.6 | 3.3 | 33.7  | 26.3 | 3.7 | —     | —    | —  | —     | —    | —  |

E.D.B. = Entering dry bulb    E.W.B. = Entering wet bulb    T.C. = Total Capacity    S.C. = Sensible Capacity    kW = Kilo Watts

NOTE: For outdoor temperature ranges that are blank, values are omitted because the interface controller may reduce compressor speed for protection.

# COOLING EXPANDED RATINGS (CONTINUED)

## 4 Ton Split Heat Pump w/ Air Handler First Stage (Low Speed C1) Cooling Matched with B6VMAX48K-C Air Handler

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |     | 125°F |      |     |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  |
| 750                  | 80            | 62            | 25.7 | 22.4 | 1.0 | 24.4 | 21.9 | 1.2 | 23.1 | 21.3 | 1.4 | 21.6 | 20.6 | 1.6 | 20.1  | 19.8 | 1.9 | 18.5  | 18.5 | 2.1 | 16.7  | 16.7 | 2.4 |
|                      | 80            | 67            | 29.7 | 19.8 | 1.0 | 29.0 | 19.9 | 1.1 | 27.7 | 19.5 | 1.4 | 25.6 | 18.5 | 1.6 | 22.9  | 17.0 | 1.9 | 19.4  | 14.8 | 2.2 | 15.3  | 12.0 | 2.5 |
|                      | 80            | 72            | 32.0 | 15.5 | 0.9 | 30.2 | 14.8 | 1.1 | 28.5 | 14.2 | 1.4 | 26.7 | 13.6 | 1.6 | 24.9  | 13.0 | 1.9 | 23.1  | 12.5 | 2.1 | 21.4  | 11.9 | 2.4 |
|                      | 75            | 63            | 26.2 | 18.3 | 1.0 | 24.9 | 17.8 | 1.2 | 23.5 | 17.2 | 1.4 | 22.1 | 16.5 | 1.6 | 20.6  | 15.6 | 1.9 | 19.0  | 14.7 | 2.1 | 17.3  | 13.6 | 2.4 |
| 900                  | 80            | 62            | 26.8 | 24.9 | 1.0 | 25.4 | 24.1 | 1.2 | 24.0 | 23.2 | 1.4 | 22.5 | 22.1 | 1.7 | 21.0  | 20.9 | 1.9 | 19.4  | 19.4 | 2.2 | 17.8  | 17.8 | 2.5 |
|                      | 80            | 67            | 30.6 | 21.6 | 1.0 | 29.9 | 21.8 | 1.2 | 28.6 | 21.4 | 1.4 | 26.5 | 20.5 | 1.6 | 23.8  | 18.9 | 1.9 | 20.3  | 16.7 | 2.2 | 16.1  | 13.6 | 2.5 |
|                      | 80            | 72            | 32.8 | 16.6 | 0.9 | 31.1 | 16.0 | 1.1 | 29.4 | 15.4 | 1.4 | 27.6 | 14.8 | 1.6 | 25.7  | 14.3 | 1.9 | 23.7  | 13.7 | 2.2 | 21.7  | 13.0 | 2.5 |
|                      | 75            | 63            | 27.3 | 20.1 | 1.0 | 25.9 | 19.4 | 1.2 | 24.4 | 18.7 | 1.4 | 22.9 | 18.1 | 1.6 | 21.2  | 17.3 | 1.9 | 19.5  | 16.5 | 2.2 | 17.7  | 15.6 | 2.5 |
| 1050                 | 80            | 62            | 28.0 | 27.5 | 1.0 | 26.4 | 26.2 | 1.2 | 24.9 | 24.9 | 1.4 | 23.4 | 23.4 | 1.7 | 21.8  | 21.8 | 1.9 | 20.3  | 20.3 | 2.2 | 18.8  | 18.6 | 2.5 |
|                      | 80            | 67            | 31.5 | 23.5 | 1.0 | 30.8 | 23.8 | 1.2 | 29.5 | 23.5 | 1.4 | 27.4 | 22.6 | 1.7 | 24.6  | 21.0 | 1.9 | 21.1  | 18.6 | 2.2 | 17.0  | 15.4 | 2.5 |
|                      | 80            | 72            | 33.6 | 17.8 | 1.0 | 32.1 | 17.2 | 1.2 | 30.3 | 16.6 | 1.4 | 28.5 | 16.1 | 1.7 | 26.5  | 15.6 | 1.9 | 24.3  | 14.9 | 2.2 | 22.0  | 14.2 | 2.5 |
|                      | 75            | 63            | 28.4 | 21.9 | 1.0 | 26.9 | 21.1 | 1.2 | 25.3 | 20.4 | 1.4 | 23.7 | 19.7 | 1.7 | 21.9  | 19.1 | 1.9 | 20.1  | 18.5 | 2.2 | 18.2  | 17.7 | 2.5 |

## Second Stage (Nominal High Speed C4) Cooling Matched with B6VMAX48K-C Air Handler

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |     | 125°F |      |    |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|-----|-------|------|----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW |
| 1200                 | 80            | 62            | 45.1 | 37.8 | 2.4 | 43.3 | 37.0 | 2.7 | 41.3 | 36.0 | 3.0 | 39.0 | 34.9 | 3.4 | 36.6  | 33.8 | 3.8 | 34.0  | 32.4 | 4.2 | —     | —    | —  |
|                      | 80            | 67            | 49.5 | 32.1 | 2.3 | 48.1 | 31.9 | 2.7 | 45.9 | 31.1 | 3.0 | 43.1 | 29.8 | 3.4 | 39.5  | 28.0 | 3.8 | 35.3  | 25.6 | 4.3 | —     | —    | —  |
|                      | 80            | 72            | 53.5 | 25.8 | 2.3 | 51.7 | 25.1 | 2.7 | 49.6 | 24.3 | 3.1 | 47.0 | 23.4 | 3.5 | 44.1  | 22.3 | 3.9 | 40.7  | 20.9 | 4.3 | —     | —    | —  |
|                      | 75            | 63            | 45.6 | 30.9 | 2.4 | 43.0 | 29.4 | 2.7 | 40.5 | 28.2 | 3.0 | 38.3 | 27.2 | 3.4 | 36.2  | 26.4 | 3.8 | 34.3  | 25.7 | 4.2 | —     | —    | —  |
| 1350                 | 80            | 62            | 46.1 | 40.2 | 2.4 | 44.2 | 39.2 | 2.8 | 42.1 | 38.2 | 3.1 | 39.9 | 37.0 | 3.5 | 37.4  | 35.7 | 3.9 | 34.9  | 34.2 | 4.3 | —     | —    | —  |
|                      | 80            | 67            | 50.4 | 33.8 | 2.4 | 49.0 | 33.5 | 2.8 | 46.8 | 32.8 | 3.1 | 44.0 | 31.5 | 3.5 | 40.4  | 29.6 | 3.9 | 36.2  | 27.1 | 4.4 | —     | —    | —  |
|                      | 80            | 72            | 54.1 | 26.6 | 2.4 | 52.6 | 26.2 | 2.8 | 50.6 | 25.5 | 3.1 | 48.0 | 24.6 | 3.5 | 44.9  | 23.3 | 4.0 | 41.3  | 21.8 | 4.4 | —     | —    | —  |
|                      | 75            | 63            | 46.5 | 32.4 | 2.4 | 44.0 | 31.1 | 2.8 | 41.6 | 29.9 | 3.1 | 39.2 | 28.8 | 3.5 | 36.9  | 27.8 | 3.9 | 34.6  | 26.9 | 4.3 | —     | —    | —  |
| 1500                 | 80            | 62            | 47.0 | 42.5 | 2.5 | 45.0 | 41.6 | 2.8 | 42.9 | 40.5 | 3.2 | 40.7 | 39.2 | 3.6 | 38.3  | 37.8 | 4.0 | 35.7  | 35.7 | 4.4 | —     | —    | —  |
|                      | 80            | 67            | 51.4 | 35.5 | 2.5 | 49.9 | 35.3 | 2.8 | 47.8 | 34.5 | 3.2 | 45.0 | 33.1 | 3.6 | 41.4  | 31.2 | 4.0 | 37.1  | 28.7 | 4.5 | —     | —    | —  |
|                      | 80            | 72            | 54.6 | 27.4 | 2.5 | 53.5 | 27.2 | 2.8 | 51.6 | 26.6 | 3.2 | 49.1 | 25.7 | 3.6 | 45.8  | 24.4 | 4.1 | 41.9  | 22.7 | 4.5 | —     | —    | —  |
|                      | 75            | 63            | 47.4 | 33.9 | 2.5 | 45.1 | 32.7 | 2.8 | 42.7 | 31.5 | 3.2 | 40.2 | 30.4 | 3.6 | 37.5  | 29.2 | 3.9 | 34.8  | 28.0 | 4.3 | —     | —    | —  |

## Second Stage (Boost Speed C5) Cooling Matched with B6VMAX48K-C Air Handler

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |    | 125°F |      |    |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|----|-------|------|----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW | T.C.  | S.C. | kW |
| 1200                 | 80            | 62            | 52.3 | 41.3 | 3.2 | 49.9 | 40.3 | 3.6 | 47.7 | 39.2 | 4.0 | 45.7 | 38.1 | 4.4 | 43.9  | 37.0 | 4.9 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 67            | 57.8 | 36.2 | 3.2 | 56.5 | 35.9 | 3.6 | 54.6 | 35.2 | 4.1 | 51.9 | 34.1 | 4.6 | 48.5  | 32.4 | 5.1 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 72            | 61.0 | 28.7 | 3.3 | 60.1 | 28.3 | 3.7 | 58.2 | 27.6 | 4.1 | 55.3 | 26.6 | 4.6 | 51.4  | 25.2 | 5.1 | —     | —    | —  | —     | —    | —  |
|                      | 75            | 63            | 53.1 | 34.6 | 3.2 | 50.8 | 33.5 | 3.6 | 48.4 | 32.3 | 4.0 | 45.9 | 31.2 | 4.4 | 43.2  | 29.9 | 4.9 | —     | —    | —  | —     | —    | —  |
| 1350                 | 80            | 62            | 53.9 | 44.1 | 3.3 | 51.6 | 43.0 | 3.7 | 49.2 | 41.8 | 4.1 | 46.8 | 40.5 | 4.6 | 44.3  | 39.1 | 5.0 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 67            | 57.9 | 37.1 | 3.3 | 56.7 | 36.9 | 3.7 | 54.8 | 36.3 | 4.1 | 52.2 | 35.1 | 4.6 | 48.9  | 33.5 | 5.1 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 72            | 61.4 | 29.5 | 3.3 | 61.0 | 29.3 | 3.8 | 59.4 | 28.8 | 4.2 | 56.5 | 27.8 | 4.7 | 52.4  | 26.3 | 5.1 | —     | —    | —  | —     | —    | —  |
|                      | 75            | 63            | 54.6 | 36.5 | 3.3 | 52.3 | 35.4 | 3.7 | 49.8 | 34.2 | 4.1 | 47.2 | 33.0 | 4.5 | 44.4  | 31.7 | 5.0 | —     | —    | —  | —     | —    | —  |
| 1500                 | 80            | 62            | 55.5 | 46.9 | 3.3 | 53.2 | 45.8 | 3.8 | 50.6 | 44.5 | 4.2 | 47.8 | 43.0 | 4.7 | 44.8  | 41.1 | 5.1 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 67            | 58.1 | 38.1 | 3.3 | 57.0 | 37.9 | 3.8 | 55.1 | 37.3 | 4.2 | 52.5 | 36.2 | 4.7 | 49.3  | 34.5 | 5.1 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 72            | 61.8 | 30.3 | 3.4 | 61.9 | 30.5 | 3.9 | 60.5 | 30.1 | 4.3 | 57.7 | 29.0 | 4.8 | 53.3  | 27.3 | 5.2 | —     | —    | —  | —     | —    | —  |
|                      | 75            | 63            | 56.1 | 38.5 | 3.4 | 53.7 | 37.3 | 3.8 | 51.2 | 36.1 | 4.2 | 48.5 | 34.9 | 4.6 | 45.7  | 33.5 | 5.1 | —     | —    | —  | —     | —    | —  |

E.D.B. = Entering dry bulb    E.W.B. = Entering wet bulb    T.C. = Total Capacity    S.C. = Sensible Capacity    kW = Kilo Watts

NOTE: For outdoor temperature ranges that are blank, values are omitted because the interface controller may reduce compressor speed for protection.

# COOLING EXPANDED RATINGS (CONTINUED)

## 5 Ton Split Heat Pump w/ Air Handler First Stage (Low Speed C1) Cooling Matched with B6VMAX60K-C Air Handler

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |     | 125°F |      |     |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  |
| 850                  | 80            | 62            | 27.6 | 25.2 | 1.0 | 26.1 | 24.6 | 1.2 | 24.6 | 23.9 | 1.4 | 23.1 | 23.1 | 1.7 | 21.6  | 21.6 | 1.9 | 20.1  | 20.1 | 2.1 | 18.7  | 18.7 | 2.4 |
|                      | 80            | 67            | 31.0 | 21.3 | 1.0 | 29.6 | 20.9 | 1.2 | 28.1 | 20.4 | 1.4 | 26.3 | 19.8 | 1.6 | 24.3  | 19.0 | 1.9 | 22.2  | 18.0 | 2.1 | 19.8  | 16.7 | 2.4 |
|                      | 80            | 72            | 34.4 | 16.9 | 0.9 | 33.0 | 16.4 | 1.1 | 31.3 | 15.8 | 1.4 | 29.4 | 15.2 | 1.6 | 27.3  | 14.6 | 1.9 | 25.0  | 13.8 | 2.1 | 22.5  | 12.9 | 2.4 |
|                      | 75            | 63            | 28.6 | 20.7 | 1.0 | 27.4 | 20.2 | 1.2 | 25.9 | 19.7 | 1.4 | 24.1 | 18.9 | 1.6 | 22.0  | 18.0 | 1.9 | 19.5  | 16.8 | 2.1 | 16.8  | 15.2 | 2.4 |
| 1000                 | 80            | 62            | 28.6 | 28.0 | 1.0 | 27.0 | 27.0 | 1.2 | 25.6 | 25.5 | 1.5 | 24.2 | 24.2 | 1.7 | 22.9  | 22.9 | 1.9 | 21.8  | 21.7 | 2.2 | 20.7  | 20.7 | 2.4 |
|                      | 80            | 67            | 31.7 | 23.2 | 1.0 | 30.4 | 22.8 | 1.2 | 28.8 | 22.2 | 1.4 | 27.0 | 21.4 | 1.7 | 25.0  | 20.5 | 1.9 | 22.8  | 19.3 | 2.2 | 20.3  | 17.8 | 2.4 |
|                      | 80            | 72            | 35.1 | 18.1 | 1.0 | 33.6 | 17.6 | 1.2 | 31.9 | 17.1 | 1.4 | 30.0 | 16.5 | 1.6 | 27.8  | 15.7 | 1.9 | 25.4  | 14.8 | 2.2 | 22.8  | 13.8 | 2.4 |
|                      | 75            | 63            | 29.5 | 22.5 | 1.1 | 28.1 | 22.0 | 1.2 | 26.6 | 21.4 | 1.5 | 24.9 | 20.8 | 1.7 | 23.1  | 20.0 | 1.9 | 21.2  | 19.0 | 2.2 | 19.1  | 17.8 | 2.4 |
| 1150                 | 80            | 62            | 29.7 | 29.7 | 1.1 | 28.0 | 28.0 | 1.3 | 26.5 | 26.5 | 1.5 | 25.2 | 25.2 | 1.7 | 24.2  | 24.2 | 1.9 | 23.4  | 23.4 | 2.2 | 22.8  | 21.0 | 2.4 |
|                      | 80            | 67            | 32.5 | 25.2 | 1.0 | 31.2 | 24.7 | 1.2 | 29.6 | 24.1 | 1.5 | 27.8 | 23.2 | 1.7 | 25.7  | 22.0 | 1.9 | 23.4  | 20.6 | 2.2 | 20.8  | 18.9 | 2.5 |
|                      | 80            | 72            | 35.8 | 19.3 | 1.0 | 34.3 | 18.9 | 1.2 | 32.6 | 18.4 | 1.4 | 30.6 | 17.7 | 1.7 | 28.4  | 16.9 | 1.9 | 25.9  | 15.9 | 2.2 | 23.2  | 14.7 | 2.5 |
|                      | 75            | 63            | 30.3 | 24.2 | 1.1 | 28.7 | 23.8 | 1.3 | 27.2 | 23.3 | 1.5 | 25.7 | 22.7 | 1.7 | 24.2  | 22.0 | 1.9 | 22.8  | 21.3 | 2.2 | 21.4  | 20.5 | 2.5 |

## Second Stage (Nominal High Speed C4) Cooling Matched with B6VMAX60K-C Air Handler

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |     | 125°F |      |    |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|-----|-------|------|----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW |
| 1350                 | 80            | 62            | 55.3 | 44.4 | 3.2 | 52.7 | 43.7 | 3.6 | 50.1 | 42.9 | 4.0 | 47.5 | 41.8 | 4.4 | 44.9  | 40.6 | 4.8 | 42.4  | 39.2 | 5.3 | —     | —    | —  |
|                      | 80            | 67            | 58.6 | 37.6 | 3.2 | 57.1 | 36.9 | 3.6 | 54.8 | 35.9 | 4.0 | 51.7 | 34.5 | 4.5 | 47.8  | 32.7 | 4.9 | 43.0  | 30.4 | 5.4 | —     | —    | —  |
|                      | 80            | 72            | 64.4 | 31.0 | 3.3 | 63.3 | 30.2 | 3.7 | 61.4 | 29.3 | 4.1 | 58.7 | 28.3 | 4.6 | 55.1  | 27.0 | 5.0 | 50.6  | 25.5 | 5.5 | —     | —    | —  |
|                      | 75            | 63            | 55.5 | 37.2 | 3.2 | 53.4 | 36.1 | 3.6 | 51.0 | 34.9 | 4.0 | 48.3 | 33.7 | 4.4 | 45.3  | 32.3 | 4.9 | 42.0  | 30.7 | 5.3 | —     | —    | —  |
| 1500                 | 80            | 62            | 56.4 | 46.8 | 3.3 | 53.7 | 46.1 | 3.7 | 50.9 | 45.1 | 4.1 | 48.2 | 43.9 | 4.5 | 45.5  | 42.4 | 4.9 | 42.9  | 40.8 | 5.4 | —     | —    | —  |
|                      | 80            | 67            | 59.4 | 38.9 | 3.4 | 58.4 | 38.5 | 3.8 | 56.2 | 37.7 | 4.2 | 53.0 | 36.3 | 4.6 | 48.7  | 34.3 | 5.1 | 43.3  | 31.6 | 5.5 | —     | —    | —  |
|                      | 80            | 72            | 65.0 | 31.6 | 3.4 | 64.3 | 31.2 | 3.8 | 62.5 | 30.5 | 4.2 | 59.7 | 29.5 | 4.7 | 55.7  | 28.2 | 5.1 | 50.6  | 26.5 | 5.6 | —     | —    | —  |
|                      | 75            | 63            | 56.5 | 38.8 | 3.3 | 54.3 | 37.9 | 3.7 | 51.8 | 36.8 | 4.1 | 49.1 | 35.6 | 4.5 | 46.2  | 34.2 | 5.0 | 43.0  | 32.7 | 5.4 | —     | —    | —  |
| 1650                 | 80            | 62            | 57.5 | 49.2 | 3.4 | 54.6 | 48.5 | 3.8 | 51.8 | 47.5 | 4.1 | 48.9 | 46.1 | 4.6 | 46.1  | 44.3 | 5.0 | 43.4  | 42.4 | 5.5 | —     | —    | —  |
|                      | 80            | 67            | 60.2 | 40.2 | 3.4 | 59.6 | 40.2 | 3.8 | 57.6 | 39.5 | 4.2 | 54.3 | 38.2 | 4.7 | 49.6  | 36.0 | 5.1 | 43.6  | 32.8 | 5.6 | —     | —    | —  |
|                      | 80            | 72            | 65.7 | 32.2 | 3.5 | 65.4 | 32.1 | 3.9 | 63.7 | 31.7 | 4.3 | 60.7 | 30.8 | 4.8 | 56.3  | 29.5 | 5.3 | 50.7  | 27.6 | 5.8 | —     | —    | —  |
|                      | 75            | 63            | 57.6 | 40.5 | 3.4 | 55.2 | 39.7 | 3.8 | 52.7 | 38.7 | 4.2 | 50.0 | 37.6 | 4.6 | 47.0  | 36.3 | 5.0 | 43.9  | 34.8 | 5.5 | —     | —    | —  |

## Second Stage (Boost Speed C5) Cooling Matched with B6VMAX60K-C Air Handler

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |    | 125°F |      |    |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|----|-------|------|----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW | T.C.  | S.C. | kW |
| 1350                 | 80            | 62            | 62.0 | 49.4 | 4.2 | 59.3 | 48.0 | 4.7 | 56.6 | 46.6 | 5.1 | 53.8 | 45.1 | 5.6 | 50.9  | 43.6 | 6.1 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 67            | 67.5 | 42.0 | 4.3 | 67.3 | 42.5 | 4.8 | 65.6 | 42.1 | 5.3 | 62.4 | 40.6 | 5.8 | 57.6  | 38.0 | 6.3 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 72            | 71.2 | 32.4 | 4.3 | 71.4 | 32.9 | 4.9 | 70.0 | 32.6 | 5.4 | 67.1 | 31.5 | 6.0 | 62.6  | 29.7 | 6.5 | —     | —    | —  | —     | —    | —  |
|                      | 75            | 63            | 63.4 | 40.9 | 4.3 | 61.0 | 39.9 | 4.7 | 58.3 | 38.7 | 5.2 | 55.3 | 37.3 | 5.6 | 51.9  | 35.7 | 6.2 | —     | —    | —  | —     | —    | —  |
| 1500                 | 80            | 62            | 63.2 | 51.8 | 4.4 | 60.6 | 50.5 | 4.8 | 57.8 | 49.2 | 5.2 | 54.9 | 47.7 | 5.7 | 51.8  | 46.0 | 6.2 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 67            | 68.5 | 43.4 | 4.4 | 68.5 | 43.7 | 4.9 | 66.9 | 43.2 | 5.4 | 63.6 | 41.8 | 5.9 | 58.8  | 39.6 | 6.4 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 72            | 71.7 | 34.1 | 4.4 | 72.1 | 34.0 | 5.0 | 70.9 | 33.5 | 5.5 | 68.1 | 32.5 | 6.1 | 63.6  | 30.9 | 6.6 | —     | —    | —  | —     | —    | —  |
|                      | 75            | 63            | 64.3 | 42.5 | 4.4 | 62.0 | 41.6 | 4.8 | 59.4 | 40.5 | 5.3 | 56.4 | 39.1 | 5.8 | 53.0  | 37.5 | 6.3 | —     | —    | —  | —     | —    | —  |
| 1650                 | 80            | 62            | 64.3 | 54.2 | 4.5 | 61.8 | 53.1 | 4.9 | 59.0 | 51.8 | 5.4 | 56.0 | 50.3 | 5.9 | 52.7  | 48.4 | 6.3 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 67            | 69.5 | 45.2 | 4.5 | 69.7 | 45.7 | 5.0 | 68.2 | 45.3 | 5.5 | 64.9 | 43.9 | 6.0 | 60.0  | 41.5 | 6.6 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 72            | 72.1 | 34.8 | 4.5 | 72.8 | 35.0 | 5.1 | 71.8 | 34.7 | 5.6 | 69.1 | 33.8 | 6.2 | 64.6  | 32.2 | 6.7 | —     | —    | —  | —     | —    | —  |
|                      | 75            | 63            | 65.3 | 44.2 | 4.5 | 63.1 | 43.4 | 4.9 | 60.5 | 42.3 | 5.4 | 57.5 | 40.9 | 5.9 | 54.1  | 39.2 | 6.4 | —     | —    | —  | —     | —    | —  |

E.D.B. = Entering dry bulb    E.W.B. = Entering wet bulb    T.C. = Total Capacity    S.C. = Sensible Capacity    kW = Kilo Watts

NOTE: For outdoor temperature ranges that are blank, values are omitted because the interface controller may reduce compressor speed for protection.

# COOLING EXPANDED RATINGS with COIL

2 Ton Split Heat Pump w/ G7 furnace & B Coils

First Stage (Low Speed C1) Cooling

FT4BG024 or PSH4BG024 Heat Pump matched with C6BH-X26C-B or C6BA-F42(C,U)-B+TXV-X2.0 Coil

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |     | 125°F |      |     |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  |
| 450                  | 80            | 62            | 12.5 | 12.1 | 0.4 | 11.8 | 11.7 | 0.5 | 11.1 | 11.1 | 0.6 | 10.5 | 10.5 | 0.8 | 9.9   | 9.9  | 0.9 | 9.2   | 9.2  | 1.1 | 8.7   | 8.5  | 1.4 |
|                      | 80            | 67            | 13.9 | 9.8  | 0.4 | 13.1 | 9.5  | 0.5 | 12.3 | 9.3  | 0.6 | 11.5 | 9.1  | 0.8 | 10.7  | 8.8  | 0.9 | 9.8   | 8.5  | 1.1 | 8.9   | 8.1  | 1.4 |
|                      | 80            | 72            | 15.3 | 7.7  | 0.4 | 14.6 | 7.4  | 0.5 | 13.8 | 7.2  | 0.6 | 12.9 | 6.9  | 0.7 | 11.9  | 6.6  | 0.9 | 10.7  | 6.3  | 1.1 | 9.5   | 5.9  | 1.3 |
|                      | 75            | 63            | 12.8 | 9.5  | 0.4 | 12.0 | 9.2  | 0.5 | 11.2 | 8.9  | 0.6 | 10.5 | 8.6  | 0.8 | 9.8   | 8.4  | 0.9 | 9.1   | 8.2  | 1.1 | 8.5   | 8.1  | 1.4 |
| 550                  | 80            | 62            | 13.3 | 13.1 | 0.4 | 12.5 | 12.5 | 0.5 | 11.8 | 11.8 | 0.6 | 11.1 | 11.1 | 0.8 | 10.4  | 10.4 | 0.9 | 9.7   | 9.7  | 1.1 | 9.1   | 9.0  | 1.4 |
|                      | 80            | 67            | 14.3 | 10.8 | 0.4 | 13.5 | 10.7 | 0.5 | 12.6 | 10.5 | 0.6 | 11.8 | 10.2 | 0.8 | 11.0  | 9.8  | 0.9 | 10.2  | 9.5  | 1.1 | 9.3   | 9.0  | 1.4 |
|                      | 80            | 72            | 15.7 | 8.3  | 0.4 | 15.0 | 8.1  | 0.5 | 14.2 | 7.8  | 0.6 | 13.3 | 7.6  | 0.8 | 12.2  | 7.4  | 0.9 | 11.1  | 7.0  | 1.1 | 9.8   | 6.6  | 1.4 |
|                      | 75            | 63            | 13.3 | 10.5 | 0.4 | 12.5 | 10.2 | 0.5 | 11.6 | 9.9  | 0.6 | 10.9 | 9.6  | 0.8 | 10.2  | 9.3  | 1.0 | 9.5   | 9.0  | 1.2 | 8.8   | 8.8  | 1.4 |
| 650                  | 80            | 62            | 14.2 | 14.2 | 0.4 | 13.3 | 13.3 | 0.5 | 12.4 | 12.4 | 0.6 | 11.6 | 11.6 | 0.8 | 10.9  | 10.9 | 1.0 | 10.2  | 10.2 | 1.2 | 9.5   | 9.5  | 1.4 |
|                      | 80            | 67            | 14.7 | 11.9 | 0.4 | 13.8 | 11.6 | 0.5 | 12.9 | 11.4 | 0.6 | 12.1 | 11.1 | 0.8 | 11.3  | 10.8 | 0.9 | 10.5  | 10.5 | 1.2 | 9.8   | 9.8  | 1.4 |
|                      | 80            | 72            | 16.1 | 8.9  | 0.4 | 15.4 | 8.7  | 0.5 | 14.5 | 8.5  | 0.6 | 13.6 | 8.3  | 0.8 | 12.5  | 8.1  | 0.9 | 11.4  | 7.8  | 1.1 | 10.1  | 7.4  | 1.4 |
|                      | 75            | 63            | 13.8 | 11.6 | 0.4 | 12.9 | 11.3 | 0.5 | 12.1 | 10.9 | 0.6 | 11.3 | 10.6 | 0.8 | 10.5  | 10.2 | 1.0 | 9.8   | 9.8  | 1.2 | 9.2   | 9.2  | 1.4 |

Second Stage (Nominal High Speed C4) Cooling

FT4BG024 or PSH4BG024 Heat Pump matched with C6BH-X26C-B or C6BA-F42(C,U)-B+TXV-X2.0 Coil

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |     | 125°F |      |     |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  |
| 700                  | 80            | 62            | 25.1 | 21.3 | 1.2 | 23.8 | 20.8 | 1.4 | 22.6 | 20.2 | 1.6 | 21.3 | 19.6 | 1.8 | 20.1  | 18.9 | 2.0 | 18.8  | 18.2 | 2.2 | 17.6  | 17.5 | 2.5 |
|                      | 80            | 67            | 27.1 | 17.9 | 1.2 | 26.0 | 17.5 | 1.3 | 24.7 | 17.0 | 1.5 | 23.4 | 16.6 | 1.8 | 21.9  | 16.0 | 2.0 | 20.4  | 15.4 | 2.3 | 18.8  | 14.7 | 2.5 |
|                      | 80            | 72            | 29.6 | 14.3 | 1.1 | 28.5 | 13.9 | 1.3 | 27.3 | 13.5 | 1.5 | 25.9 | 13.0 | 1.8 | 24.3  | 12.5 | 2.0 | 22.6  | 12.0 | 2.3 | 20.8  | 11.3 | 2.6 |
|                      | 75            | 63            | 25.0 | 17.2 | 1.2 | 23.9 | 16.8 | 1.4 | 22.8 | 16.3 | 1.6 | 21.6 | 15.8 | 1.8 | 20.4  | 15.2 | 2.0 | 19.1  | 14.6 | 2.3 | 17.8  | 13.9 | 2.5 |
| 800                  | 80            | 62            | 26.0 | 23.0 | 1.2 | 24.6 | 22.4 | 1.4 | 23.3 | 21.8 | 1.6 | 22.0 | 21.0 | 1.8 | 20.7  | 20.0 | 2.0 | 19.4  | 19.0 | 2.3 | 18.1  | 17.9 | 2.5 |
|                      | 80            | 67            | 28.4 | 19.6 | 1.2 | 27.1 | 19.3 | 1.4 | 25.7 | 18.9 | 1.6 | 24.4 | 18.4 | 1.8 | 23.1  | 17.7 | 2.0 | 21.8  | 16.9 | 2.3 | 20.5  | 16.0 | 2.6 |
|                      | 80            | 72            | 30.3 | 15.0 | 1.1 | 29.2 | 14.6 | 1.3 | 27.9 | 14.2 | 1.6 | 26.4 | 13.7 | 1.8 | 24.8  | 13.2 | 2.0 | 23.0  | 12.6 | 2.3 | 21.1  | 11.9 | 2.6 |
|                      | 75            | 63            | 25.7 | 18.2 | 1.2 | 24.6 | 17.8 | 1.4 | 23.4 | 17.3 | 1.6 | 22.1 | 16.8 | 1.8 | 20.7  | 16.3 | 2.0 | 19.3  | 15.6 | 2.3 | 17.7  | 14.9 | 2.6 |
| 900                  | 80            | 62            | 26.9 | 24.7 | 1.2 | 25.5 | 24.2 | 1.4 | 24.1 | 23.4 | 1.6 | 22.7 | 22.4 | 1.8 | 21.3  | 21.2 | 2.0 | 20.0  | 19.8 | 2.3 | 18.7  | 18.2 | 2.6 |
|                      | 80            | 67            | 29.2 | 20.9 | 1.2 | 27.8 | 20.9 | 1.4 | 26.4 | 20.5 | 1.6 | 25.1 | 19.9 | 1.8 | 23.7  | 19.0 | 2.1 | 22.4  | 18.0 | 2.3 | 21.1  | 16.7 | 2.6 |
|                      | 80            | 72            | 30.9 | 15.7 | 1.2 | 29.8 | 15.3 | 1.4 | 28.5 | 14.9 | 1.6 | 27.0 | 14.4 | 1.8 | 25.3  | 13.8 | 2.1 | 23.4  | 13.2 | 2.3 | 21.4  | 12.4 | 2.6 |
|                      | 75            | 63            | 26.4 | 19.3 | 1.2 | 25.3 | 18.9 | 1.4 | 24.0 | 18.4 | 1.6 | 22.6 | 17.9 | 1.8 | 21.1  | 17.3 | 2.1 | 19.5  | 16.6 | 2.3 | 17.7  | 15.8 | 2.6 |

Second Stage (Boost Speed C5) Cooling

FT4BG024 or PSH4BG024 Heat Pump matched with C6BH-X26C-B or C6BA-F42(C,U)-B+TXV-X2.0 Coil

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |    | 125°F |      |    |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|----|-------|------|----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW | T.C.  | S.C. | kW |
| 700                  | 80            | 62            | 29.1 | 23.4 | 1.5 | 27.5 | 22.7 | 1.7 | 26.0 | 22.0 | 1.9 | 24.4 | 21.3 | 2.2 | 23.0  | 20.6 | 2.5 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 67            | 31.1 | 19.6 | 1.5 | 29.7 | 19.1 | 1.7 | 28.3 | 18.5 | 2.0 | 26.9 | 18.0 | 2.2 | 25.6  | 17.4 | 2.5 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 72            | 34.2 | 16.0 | 1.5 | 33.0 | 15.6 | 1.7 | 31.6 | 15.1 | 2.0 | 30.1 | 14.5 | 2.2 | 28.3  | 13.9 | 2.5 | —     | —    | —  | —     | —    | —  |
|                      | 75            | 63            | 28.8 | 18.9 | 1.5 | 27.7 | 18.5 | 1.7 | 26.5 | 18.0 | 2.0 | 25.1 | 17.4 | 2.2 | 23.6  | 16.7 | 2.5 | —     | —    | —  | —     | —    | —  |
| 800                  | 80            | 62            | 30.1 | 25.0 | 1.5 | 28.6 | 24.3 | 1.7 | 27.0 | 23.6 | 2.0 | 25.4 | 22.8 | 2.2 | 23.7  | 22.0 | 2.5 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 67            | 32.1 | 20.8 | 1.5 | 30.7 | 20.2 | 1.7 | 29.2 | 19.7 | 2.0 | 27.8 | 19.1 | 2.2 | 26.4  | 18.6 | 2.5 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 72            | 35.0 | 16.8 | 1.5 | 33.8 | 16.4 | 1.7 | 32.4 | 15.9 | 2.0 | 30.8 | 15.4 | 2.3 | 29.0  | 14.7 | 2.5 | —     | —    | —  | —     | —    | —  |
|                      | 75            | 63            | 29.8 | 20.2 | 1.5 | 28.7 | 19.8 | 1.8 | 27.4 | 19.3 | 2.0 | 25.9 | 18.7 | 2.2 | 24.2  | 17.9 | 2.5 | —     | —    | —  | —     | —    | —  |
| 900                  | 80            | 62            | 31.2 | 26.7 | 1.5 | 29.6 | 26.0 | 1.8 | 28.0 | 25.2 | 2.0 | 26.3 | 24.4 | 2.2 | 24.5  | 23.5 | 2.5 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 67            | 33.3 | 22.2 | 1.5 | 32.1 | 21.9 | 1.8 | 30.7 | 21.4 | 2.0 | 29.1 | 20.8 | 2.3 | 27.3  | 20.0 | 2.6 | —     | —    | —  | —     | —    | —  |
|                      | 80            | 72            | 35.8 | 17.7 | 1.5 | 34.6 | 17.3 | 1.8 | 33.2 | 16.8 | 2.0 | 31.5 | 16.2 | 2.3 | 29.6  | 15.5 | 2.6 | —     | —    | —  | —     | —    | —  |
|                      | 75            | 63            | 30.8 | 21.5 | 1.6 | 29.6 | 21.1 | 1.8 | 28.3 | 20.6 | 2.0 | 26.7 | 19.9 | 2.3 | 24.8  | 19.1 | 2.5 | —     | —    | —  | —     | —    | —  |

# COOLING EXPANDED RATINGS with COIL (CONTINUED)

3 Ton Split Heat Pump w/ G7 Furnace + C Coils

First Stage (Low Speed C1) Cooling

FT4BG036 or PSH4BG036 Heat Pump matched with C6BH-X36C-C or C6BA-F48(C,U)-C+TXV-X3.0 Coil

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |     | 125°F |      |     |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  |
| 700                  | 80            | 62            | 19.9 | 19.1 | 0.7 | 19.1 | 18.5 | 0.8 | 18.2 | 17.9 | 1.0 | 17.2 | 17.0 | 1.2 | 16.1  | 16.0 | 1.4 | 14.8  | 14.8 | 1.6 | 13.5  | 13.5 | 1.8 |
|                      | 80            | 67            | 22.3 | 16.0 | 0.7 | 21.0 | 15.7 | 0.8 | 19.8 | 15.3 | 1.0 | 18.4 | 14.8 | 1.2 | 17.1  | 14.2 | 1.4 | 15.6  | 13.6 | 1.6 | 14.1  | 12.9 | 1.8 |
|                      | 80            | 72            | 24.4 | 12.4 | 0.6 | 23.2 | 12.1 | 0.8 | 21.9 | 11.8 | 1.0 | 20.5 | 11.4 | 1.2 | 19.0  | 10.9 | 1.4 | 17.5  | 10.4 | 1.6 | 15.8  | 9.8  | 1.8 |
|                      | 75            | 63            | 20.4 | 15.3 | 0.7 | 19.4 | 14.9 | 0.9 | 18.2 | 14.4 | 1.0 | 17.0 | 13.9 | 1.2 | 15.7  | 13.5 | 1.4 | 14.3  | 13.0 | 1.6 | 12.8  | 12.5 | 1.8 |
| 800                  | 80            | 62            | 20.7 | 20.1 | 0.7 | 19.8 | 19.4 | 0.9 | 18.8 | 18.6 | 1.0 | 17.7 | 17.6 | 1.2 | 16.6  | 16.6 | 1.4 | 15.3  | 15.3 | 1.6 | 14.0  | 14.0 | 1.8 |
|                      | 80            | 67            | 22.8 | 17.2 | 0.7 | 21.5 | 16.9 | 0.9 | 20.1 | 16.4 | 1.0 | 18.8 | 15.9 | 1.2 | 17.3  | 15.4 | 1.4 | 15.8  | 14.7 | 1.6 | 14.3  | 14.0 | 1.8 |
|                      | 80            | 72            | 24.8 | 13.1 | 0.7 | 23.6 | 12.9 | 0.8 | 22.3 | 12.6 | 1.0 | 20.9 | 12.2 | 1.2 | 19.4  | 11.7 | 1.4 | 17.7  | 11.1 | 1.6 | 16.0  | 10.5 | 1.8 |
|                      | 75            | 63            | 20.9 | 16.4 | 0.7 | 19.8 | 16.0 | 0.9 | 18.7 | 15.6 | 1.0 | 17.4 | 15.1 | 1.2 | 16.0  | 14.6 | 1.4 | 14.5  | 14.0 | 1.6 | 12.9  | 12.9 | 1.8 |
| 900                  | 80            | 62            | 21.5 | 21.1 | 0.7 | 20.5 | 20.3 | 0.9 | 19.4 | 19.3 | 1.0 | 18.3 | 18.3 | 1.2 | 17.1  | 17.1 | 1.4 | 15.9  | 15.8 | 1.6 | 14.5  | 14.5 | 1.8 |
|                      | 80            | 67            | 23.2 | 18.4 | 0.7 | 21.9 | 18.1 | 0.9 | 20.5 | 17.7 | 1.0 | 19.1 | 17.2 | 1.2 | 17.6  | 16.5 | 1.4 | 16.0  | 15.7 | 1.6 | 14.4  | 14.4 | 1.9 |
|                      | 80            | 72            | 25.3 | 13.9 | 0.7 | 24.1 | 13.7 | 0.8 | 22.8 | 13.4 | 1.0 | 21.4 | 13.0 | 1.2 | 19.8  | 12.5 | 1.4 | 18.0  | 11.9 | 1.6 | 16.2  | 11.2 | 1.9 |
|                      | 75            | 63            | 21.4 | 17.6 | 0.7 | 20.3 | 17.4 | 0.9 | 19.1 | 17.0 | 1.1 | 17.8 | 16.4 | 1.2 | 16.3  | 15.5 | 1.4 | 14.7  | 14.5 | 1.6 | 12.9  | 12.9 | 1.9 |

Second Stage (Nominal High Speed C4) Cooling

FT4BG036 or PSH4BG036 Heat Pump matched with C6BH-X36C-C or C6BA-F48(C,U)-C+TXV-X3.0 Coil

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |     | 125°F |      |    |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|-----|-------|------|----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW |
| 1050                 | 80            | 62            | 35.6 | 30.9 | 1.8 | 33.7 | 30.1 | 2.1 | 31.9 | 29.2 | 2.4 | 30.1 | 28.3 | 2.7 | 28.3  | 27.3 | 3.0 | 26.7  | 26.4 | 3.4 |       |      |    |
|                      | 80            | 67            | 38.9 | 26.1 | 1.8 | 37.4 | 25.5 | 2.1 | 35.8 | 24.8 | 2.4 | 34.0 | 24.0 | 2.7 | 32.0  | 23.3 | 3.1 | 29.8  | 22.5 | 3.4 |       |      |    |
|                      | 80            | 72            | 40.7 | 19.7 | 1.8 | 40.1 | 19.8 | 2.1 | 39.1 | 19.6 | 2.4 | 37.5 | 19.2 | 2.7 | 35.4  | 18.5 | 3.1 | 32.7  | 17.6 | 3.5 |       |      |    |
|                      | 75            | 63            | 36.5 | 25.5 | 1.8 | 34.8 | 24.7 | 2.1 | 33.0 | 23.9 | 2.4 | 31.1 | 23.1 | 2.7 | 29.2  | 22.4 | 3.0 | 27.2  | 21.6 | 3.4 |       |      |    |
| 1200                 | 80            | 62            | 36.2 | 32.7 | 1.9 | 34.5 | 31.9 | 2.2 | 32.8 | 31.0 | 2.4 | 31.0 | 29.9 | 2.7 | 29.3  | 28.7 | 3.1 | 27.5  | 27.4 | 3.5 |       |      |    |
|                      | 80            | 67            | 39.3 | 27.1 | 1.9 | 38.1 | 26.9 | 2.2 | 36.6 | 26.6 | 2.5 | 34.8 | 26.0 | 2.8 | 32.6  | 25.1 | 3.1 | 30.2  | 24.1 | 3.5 |       |      |    |
|                      | 80            | 72            | 40.9 | 20.2 | 1.9 | 40.5 | 20.4 | 2.2 | 39.5 | 20.3 | 2.5 | 38.0 | 20.0 | 2.8 | 35.8  | 19.3 | 3.1 | 33.1  | 18.4 | 3.5 |       |      |    |
|                      | 75            | 63            | 37.1 | 26.8 | 1.9 | 35.4 | 25.9 | 2.2 | 33.6 | 25.1 | 2.5 | 31.7 | 24.4 | 2.8 | 29.7  | 23.7 | 3.1 | 27.7  | 23.0 | 3.5 |       |      |    |
| 1350                 | 80            | 62            | 36.9 | 34.6 | 2.0 | 35.3 | 33.8 | 2.2 | 33.7 | 32.8 | 2.5 | 32.0 | 31.5 | 2.8 | 30.2  | 30.0 | 3.2 | 28.4  | 28.3 | 3.5 |       |      |    |
|                      | 80            | 67            | 39.6 | 28.1 | 2.0 | 38.7 | 28.5 | 2.2 | 37.4 | 28.4 | 2.5 | 35.6 | 27.9 | 2.8 | 33.3  | 27.1 | 3.2 | 30.5  | 25.8 | 3.6 |       |      |    |
|                      | 80            | 72            | 41.1 | 20.7 | 2.0 | 40.9 | 21.0 | 2.3 | 40.0 | 21.1 | 2.5 | 38.5 | 20.8 | 2.9 | 36.3  | 20.1 | 3.2 | 33.5  | 19.2 | 3.6 |       |      |    |
|                      | 75            | 63            | 37.7 | 28.1 | 2.0 | 36.0 | 27.2 | 2.2 | 34.2 | 26.4 | 2.5 | 32.2 | 25.6 | 2.9 | 30.2  | 25.0 | 3.2 | 28.1  | 24.4 | 3.6 |       |      |    |

Second Stage (Boost Speed C5) Cooling

FT4BG036 or PSH4BG036 Heat Pump matched with C6BH-X36C-C or C6BA-F48(C,U)-C+TXV-X3.0 Coil

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |    | 125°F |      |    |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|----|-------|------|----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW | T.C.  | S.C. | kW |
| 1050                 | 80            | 62            | 39.0 | 32.8 | 2.2 | 37.5 | 32.1 | 2.5 | 35.7 | 31.1 | 2.8 | 33.7 | 29.9 | 3.1 | 31.5  | 28.5 | 3.5 |       |      |    |       |      |    |
|                      | 80            | 67            | 42.1 | 27.2 | 2.2 | 41.2 | 26.9 | 2.5 | 39.8 | 26.4 | 2.8 | 37.7 | 25.6 | 3.2 | 35.1  | 24.5 | 3.6 |       |      |    |       |      |    |
|                      | 80            | 72            | 44.1 | 21.0 | 2.1 | 44.3 | 21.4 | 2.3 | 43.5 | 21.2 | 2.6 | 41.8 | 20.6 | 3.0 | 39.0  | 19.5 | 3.6 |       |      |    |       |      |    |
|                      | 75            | 63            | 40.1 | 27.2 | 2.2 | 38.5 | 26.3 | 2.5 | 36.6 | 25.4 | 2.8 | 34.6 | 24.5 | 3.2 | 32.4  | 23.6 | 3.5 |       |      |    |       |      |    |
| 1200                 | 80            | 62            | 39.6 | 34.2 | 2.2 | 38.1 | 33.8 | 2.5 | 36.4 | 33.0 | 2.8 | 34.5 | 31.9 | 3.2 | 32.3  | 30.5 | 3.6 |       |      |    |       |      |    |
|                      | 80            | 67            | 42.4 | 28.1 | 2.3 | 41.8 | 28.3 | 2.6 | 40.5 | 28.0 | 2.9 | 38.5 | 27.3 | 3.3 | 35.7  | 26.1 | 3.7 |       |      |    |       |      |    |
|                      | 80            | 72            | 44.0 | 21.4 | 2.3 | 44.2 | 21.7 | 2.6 | 43.5 | 21.7 | 2.9 | 42.0 | 21.3 | 3.3 | 39.5  | 20.5 | 3.7 |       |      |    |       |      |    |
|                      | 75            | 63            | 40.7 | 28.4 | 2.3 | 39.1 | 27.8 | 2.6 | 37.3 | 27.0 | 2.9 | 35.2 | 26.0 | 3.2 | 33.0  | 24.9 | 3.6 |       |      |    |       |      |    |
| 1350                 | 80            | 62            | 40.2 | 35.6 | 2.3 | 38.8 | 35.5 | 2.6 | 37.1 | 35.0 | 2.9 | 35.2 | 34.0 | 3.3 | 33.0  | 32.5 | 3.7 |       |      |    |       |      |    |
|                      | 80            | 67            | 42.8 | 29.0 | 2.4 | 42.4 | 29.7 | 2.6 | 41.2 | 29.7 | 3.0 | 39.2 | 29.1 | 3.3 | 36.4  | 27.8 | 3.7 |       |      |    |       |      |    |
|                      | 80            | 72            | 44.4 | 22.1 | 2.4 | 45.0 | 22.8 | 2.7 | 44.5 | 23.0 | 3.0 | 42.9 | 22.6 | 3.4 | 40.2  | 21.6 | 3.8 |       |      |    |       |      |    |
|                      | 75            | 63            | 41.2 | 29.6 | 2.3 | 39.7 | 29.2 | 2.6 | 37.9 | 28.6 | 3.0 | 35.9 | 27.6 | 3.3 | 33.6  | 26.3 | 3.7 |       |      |    |       |      |    |

# COOLING EXPANDED RATINGS with COIL (CONTINUED)

## 4 Ton Split Heat Pump w/ G7 Furnace + C Coils

### First Stage (Low Speed C1) Cooling

FT4BG048 or PSH4BG048 Heat Pump matched with C6BH-X48C-C or C6BA-F60(C,U)-C+TXV-X4.0 Coil

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |     | 125°F |      |     |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  |
| 750                  | 80            | 62            | 25.6 | 22.4 | 1.0 | 24.3 | 21.9 | 1.2 | 23.0 | 21.3 | 1.4 | 21.6 | 20.5 | 1.6 | 20.0  | 19.7 | 1.9 | 18.4  | 18.4 | 2.2 | 16.7  | 16.6 | 2.5 |
|                      | 80            | 67            | 29.6 | 19.7 | 1.0 | 28.9 | 19.8 | 1.2 | 27.6 | 19.4 | 1.4 | 25.6 | 18.5 | 1.6 | 22.8  | 16.9 | 1.9 | 19.4  | 14.8 | 2.2 | 15.2  | 11.9 | 2.5 |
|                      | 80            | 72            | 31.9 | 15.4 | 0.9 | 30.2 | 14.8 | 1.1 | 28.4 | 14.2 | 1.4 | 26.6 | 13.6 | 1.6 | 24.8  | 13.0 | 1.9 | 23.1  | 12.4 | 2.2 | 21.3  | 11.8 | 2.5 |
|                      | 75            | 63            | 26.1 | 18.3 | 1.0 | 24.8 | 17.8 | 1.2 | 23.5 | 17.1 | 1.4 | 22.0 | 16.4 | 1.6 | 20.5  | 15.6 | 1.9 | 18.9  | 14.6 | 2.2 | 17.2  | 13.6 | 2.5 |
| 900                  | 80            | 62            | 26.7 | 24.9 | 1.0 | 25.3 | 24.1 | 1.2 | 23.9 | 23.1 | 1.4 | 22.4 | 22.0 | 1.7 | 20.9  | 20.8 | 1.9 | 19.3  | 19.3 | 2.2 | 17.7  | 17.7 | 2.5 |
|                      | 80            | 67            | 30.5 | 21.6 | 1.0 | 29.9 | 21.7 | 1.2 | 28.5 | 21.4 | 1.4 | 26.4 | 20.4 | 1.7 | 23.7  | 18.9 | 1.9 | 20.2  | 16.6 | 2.2 | 16.0  | 13.6 | 2.5 |
|                      | 80            | 72            | 32.7 | 16.6 | 1.0 | 31.1 | 16.0 | 1.2 | 29.3 | 15.4 | 1.4 | 27.5 | 14.8 | 1.6 | 25.6  | 14.2 | 1.9 | 23.7  | 13.6 | 2.2 | 21.6  | 13.0 | 2.5 |
|                      | 75            | 63            | 27.2 | 20.0 | 1.0 | 25.8 | 19.3 | 1.2 | 24.4 | 18.7 | 1.4 | 22.8 | 18.0 | 1.7 | 21.2  | 17.3 | 1.9 | 19.5  | 16.5 | 2.2 | 17.7  | 15.6 | 2.5 |
| 1050                 | 80            | 62            | 27.9 | 27.4 | 1.0 | 26.3 | 26.2 | 1.2 | 24.8 | 24.8 | 1.5 | 23.3 | 23.3 | 1.7 | 21.8  | 21.8 | 2.0 | 20.2  | 20.2 | 2.2 | 18.7  | 18.5 | 2.5 |
|                      | 80            | 67            | 31.4 | 23.5 | 1.0 | 30.8 | 23.7 | 1.2 | 29.4 | 23.4 | 1.4 | 27.3 | 22.5 | 1.7 | 24.5  | 20.9 | 1.9 | 21.1  | 18.5 | 2.2 | 16.9  | 15.3 | 2.6 |
|                      | 80            | 72            | 33.5 | 17.7 | 1.0 | 32.0 | 17.2 | 1.2 | 30.3 | 16.6 | 1.4 | 28.4 | 16.1 | 1.7 | 26.4  | 15.5 | 1.9 | 24.3  | 14.9 | 2.2 | 22.0  | 14.2 | 2.5 |
|                      | 75            | 63            | 28.4 | 21.8 | 1.0 | 26.8 | 21.0 | 1.2 | 25.3 | 20.3 | 1.5 | 23.6 | 19.7 | 1.7 | 21.8  | 19.0 | 2.0 | 20.0  | 18.4 | 2.2 | 18.1  | 17.6 | 2.5 |

## Second Stage (Nominal High Speed C4) Cooling

FT4BG048 or PSH4BG048 Heat Pump matched with C6BH-X48C-C or C6BA-F60(C,U)-C+TXV-X4.0 Coil

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |     | 125°F |      |    |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|-----|-------|------|----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW |
| 1200                 | 80            | 62            | 44.9 | 37.6 | 2.4 | 43.1 | 36.7 | 2.8 | 41.0 | 35.8 | 3.1 | 38.8 | 34.7 | 3.5 | 36.4  | 33.5 | 3.9 | 33.8  | 32.2 | 4.2 |       |      |    |
|                      | 80            | 67            | 49.8 | 32.3 | 2.4 | 48.3 | 32.0 | 2.8 | 46.2 | 31.3 | 3.1 | 43.3 | 30.0 | 3.5 | 39.8  | 28.2 | 3.9 | 35.5  | 25.7 | 4.4 |       |      |    |
|                      | 80            | 72            | 53.3 | 25.6 | 2.4 | 51.5 | 25.0 | 2.8 | 49.3 | 24.2 | 3.1 | 46.8 | 23.3 | 3.5 | 43.8  | 22.1 | 3.9 | 40.5  | 20.8 | 4.4 |       |      |    |
|                      | 75            | 63            | 45.4 | 30.7 | 2.4 | 42.7 | 29.3 | 2.7 | 40.3 | 28.1 | 3.1 | 38.0 | 27.0 | 3.5 | 36.0  | 26.2 | 3.9 | 34.1  | 25.5 | 4.3 |       |      |    |
| 1350                 | 80            | 62            | 45.8 | 39.9 | 2.5 | 43.9 | 39.0 | 2.8 | 41.9 | 38.0 | 3.2 | 39.6 | 36.8 | 3.6 | 37.2  | 35.5 | 3.9 | 34.6  | 34.0 | 4.3 |       |      |    |
|                      | 80            | 67            | 50.4 | 33.8 | 2.5 | 49.0 | 33.5 | 2.8 | 46.8 | 32.8 | 3.2 | 44.0 | 31.5 | 3.6 | 40.4  | 29.6 | 4.0 | 36.2  | 27.1 | 4.5 |       |      |    |
|                      | 80            | 72            | 53.8 | 26.5 | 2.5 | 52.4 | 26.0 | 2.8 | 50.4 | 25.4 | 3.2 | 47.8 | 24.4 | 3.6 | 44.7  | 23.2 | 4.0 | 41.0  | 21.7 | 4.5 |       |      |    |
|                      | 75            | 63            | 46.3 | 32.2 | 2.5 | 43.8 | 30.9 | 2.8 | 41.4 | 29.7 | 3.2 | 39.0 | 28.6 | 3.5 | 36.6  | 27.6 | 3.9 | 34.3  | 26.7 | 4.3 |       |      |    |
| 1500                 | 80            | 62            | 46.7 | 42.3 | 2.5 | 44.8 | 41.3 | 2.9 | 42.7 | 40.2 | 3.2 | 40.4 | 39.0 | 3.6 | 38.0  | 37.5 | 4.0 | 35.5  | 35.5 | 4.4 |       |      |    |
|                      | 80            | 67            | 51.7 | 35.7 | 2.6 | 50.2 | 35.4 | 2.9 | 48.1 | 34.7 | 3.3 | 45.2 | 33.3 | 3.7 | 41.7  | 31.4 | 4.1 | 37.4  | 28.9 | 4.5 |       |      |    |
|                      | 80            | 72            | 54.4 | 27.3 | 2.6 | 53.3 | 27.1 | 2.9 | 51.4 | 26.5 | 3.3 | 48.8 | 25.6 | 3.7 | 45.6  | 24.3 | 4.1 | 41.6  | 22.6 | 4.6 |       |      |    |
|                      | 75            | 63            | 47.1 | 33.8 | 2.6 | 44.8 | 32.5 | 2.9 | 42.4 | 31.4 | 3.3 | 39.9 | 30.2 | 3.6 | 37.3  | 29.1 | 4.0 | 34.6  | 27.8 | 4.4 |       |      |    |

## Second Stage (Boost Speed C5) Cooling

FT4BG048 or PSH4BG048 Heat Pump matched with C6BH-X48C-C or C6BA-F60(C,U)-C+TXV-X4.0 Coil

| Outdoor Temperature: |               |               | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |    | 125°F |      |    |
|----------------------|---------------|---------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|----|-------|------|----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor<br>Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW | T.C.  | S.C. | kW |
| 1200                 | 80            | 62            | 52.1 | 41.1 | 3.3 | 49.7 | 40.1 | 3.7 | 47.5 | 39.0 | 4.1 | 45.5 | 37.9 | 4.5 | 43.6  | 36.8 | 5.0 |       |      |    |       |      |    |
|                      | 80            | 67            | 57.5 | 36.0 | 3.3 | 56.3 | 35.8 | 3.7 | 54.3 | 35.1 | 4.2 | 51.7 | 33.9 | 4.6 | 48.3  | 32.3 | 5.1 |       |      |    |       |      |    |
|                      | 80            | 72            | 60.8 | 28.6 | 3.3 | 59.9 | 28.1 | 3.8 | 58.0 | 27.5 | 4.2 | 55.1 | 26.5 | 4.7 | 51.2  | 25.1 | 5.1 |       |      |    |       |      |    |
|                      | 75            | 63            | 52.8 | 34.5 | 3.3 | 50.6 | 33.3 | 3.6 | 48.2 | 32.2 | 4.1 | 45.6 | 31.0 | 4.5 | 42.9  | 29.7 | 5.0 |       |      |    |       |      |    |
| 1350                 | 80            | 62            | 53.7 | 43.9 | 3.3 | 51.3 | 42.8 | 3.8 | 48.9 | 41.6 | 4.2 | 46.5 | 40.3 | 4.6 | 44.1  | 38.8 | 5.1 |       |      |    |       |      |    |
|                      | 80            | 67            | 57.7 | 37.0 | 3.3 | 56.5 | 36.8 | 3.8 | 54.6 | 36.1 | 4.2 | 52.0 | 35.0 | 4.7 | 48.7  | 33.3 | 5.2 |       |      |    |       |      |    |
|                      | 80            | 72            | 61.2 | 29.4 | 3.4 | 60.8 | 29.2 | 3.8 | 59.1 | 28.7 | 4.3 | 56.3 | 27.7 | 4.7 | 52.1  | 26.2 | 5.2 |       |      |    |       |      |    |
|                      | 75            | 63            | 54.3 | 36.4 | 3.3 | 52.0 | 35.2 | 3.7 | 49.6 | 34.0 | 4.2 | 47.0 | 32.8 | 4.6 | 44.2  | 31.5 | 5.1 |       |      |    |       |      |    |
| 1500                 | 80            | 62            | 55.3 | 46.7 | 3.4 | 52.9 | 45.6 | 3.9 | 50.4 | 44.3 | 4.3 | 47.6 | 42.8 | 4.7 | 44.5  | 40.9 | 5.1 |       |      |    |       |      |    |
|                      | 80            | 67            | 57.9 | 37.9 | 3.4 | 56.7 | 37.8 | 3.8 | 54.9 | 37.1 | 4.3 | 52.3 | 36.0 | 4.7 | 49.0  | 34.3 | 5.2 |       |      |    |       |      |    |
|                      | 80            | 72            | 61.5 | 30.2 | 3.5 | 61.7 | 30.3 | 3.9 | 60.3 | 29.9 | 4.4 | 57.4 | 28.9 | 4.8 | 53.0  | 27.2 | 5.3 |       |      |    |       |      |    |
|                      | 75            | 63            | 55.8 | 38.3 | 3.4 | 53.4 | 37.2 | 3.8 | 50.9 | 36.0 | 4.2 | 48.3 | 34.7 | 4.7 | 45.5  | 33.3 | 5.2 |       |      |    |       |      |    |

# COOLING EXPANDED RATINGS with COIL (CONTINUED)

5 Ton Split Heat Pump w/ G7 + D coils

First Stage (Low Speed C1) Cooling

FT4BG060 or PSH4BG060 Heat Pump matched with C6BH-X60C-D or C6BA-F60(C,U)-D+TXV-X5.0 Coil

| Outdoor Temperature: |               |            | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |     | 125°F |      |     |
|----------------------|---------------|------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  |
| 850                  | 80            | 62         | 27.6 | 25.2 | 1.0 | 26.1 | 24.6 | 1.2 | 24.6 | 23.9 | 1.4 | 23.1 | 23.1 | 1.7 | 21.6  | 21.6 | 1.9 | 20.1  | 20.1 | 2.1 | 18.7  | 18.7 | 2.4 |
|                      | 80            | 67         | 31.0 | 21.3 | 1.0 | 29.6 | 20.9 | 1.2 | 28.1 | 20.4 | 1.4 | 26.3 | 19.8 | 1.6 | 24.3  | 19.0 | 1.9 | 22.2  | 18.0 | 2.1 | 19.8  | 16.7 | 2.4 |
|                      | 80            | 72         | 34.4 | 16.9 | 0.9 | 33.0 | 16.4 | 1.1 | 31.3 | 15.8 | 1.4 | 29.4 | 15.2 | 1.6 | 27.3  | 14.6 | 1.9 | 25.0  | 13.8 | 2.1 | 22.5  | 12.9 | 2.4 |
|                      | 75            | 63         | 28.6 | 20.7 | 1.0 | 27.4 | 20.2 | 1.2 | 25.9 | 19.7 | 1.4 | 24.1 | 18.9 | 1.6 | 22.0  | 18.0 | 1.9 | 19.5  | 16.8 | 2.1 | 16.8  | 15.2 | 2.4 |
| 1000                 | 80            | 62         | 28.6 | 28.0 | 1.0 | 27.0 | 27.0 | 1.2 | 25.6 | 25.5 | 1.5 | 24.2 | 24.2 | 1.7 | 22.9  | 22.9 | 1.9 | 21.8  | 21.7 | 2.2 | 20.7  | 20.7 | 2.4 |
|                      | 80            | 67         | 31.7 | 23.2 | 1.0 | 30.4 | 22.8 | 1.2 | 28.8 | 22.2 | 1.4 | 27.0 | 21.4 | 1.7 | 25.0  | 20.5 | 1.9 | 22.8  | 19.3 | 2.2 | 20.3  | 17.8 | 2.4 |
|                      | 80            | 72         | 35.1 | 18.1 | 1.0 | 33.6 | 17.6 | 1.2 | 31.9 | 17.1 | 1.4 | 30.0 | 16.5 | 1.6 | 27.8  | 15.7 | 1.9 | 25.4  | 14.8 | 2.2 | 22.8  | 13.8 | 2.4 |
|                      | 75            | 63         | 29.5 | 22.5 | 1.1 | 28.1 | 22.0 | 1.2 | 26.6 | 21.4 | 1.5 | 24.9 | 20.8 | 1.7 | 23.1  | 20.0 | 1.9 | 21.2  | 19.0 | 2.2 | 19.1  | 17.8 | 2.4 |
| 1150                 | 80            | 62         | 29.7 | 29.7 | 1.1 | 28.0 | 28.0 | 1.3 | 26.5 | 26.5 | 1.5 | 25.2 | 25.2 | 1.7 | 24.2  | 24.2 | 1.9 | 23.4  | 23.4 | 2.2 | 22.8  | 21.0 | 2.4 |
|                      | 80            | 67         | 32.5 | 25.2 | 1.0 | 31.2 | 24.7 | 1.2 | 29.6 | 24.1 | 1.5 | 27.8 | 23.2 | 1.7 | 25.7  | 22.0 | 1.9 | 23.4  | 20.6 | 2.2 | 20.8  | 18.9 | 2.5 |
|                      | 80            | 72         | 35.8 | 19.3 | 1.0 | 34.3 | 18.9 | 1.2 | 32.6 | 18.4 | 1.4 | 30.6 | 17.7 | 1.7 | 28.4  | 16.9 | 1.9 | 25.9  | 15.9 | 2.2 | 23.2  | 14.7 | 2.5 |
|                      | 75            | 63         | 30.3 | 24.2 | 1.1 | 28.7 | 23.8 | 1.3 | 27.2 | 23.3 | 1.5 | 25.7 | 22.7 | 1.7 | 24.2  | 22.0 | 1.9 | 22.8  | 21.3 | 2.2 | 21.4  | 20.5 | 2.5 |

Second Stage (Nominal High Speed C4) Cooling

FT4BG060 or PSH4BG060 Heat Pump matched with C6BH-X60C-D or C6BA-F60(C,U)-D+TXV-X5.0 Coil

| Outdoor Temperature: |               |            | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |     | 125°F |      |    |
|----------------------|---------------|------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|-----|-------|------|----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW |
| 1350                 | 80            | 62         | 55.2 | 44.3 | 3.3 | 52.6 | 43.7 | 3.6 | 50.0 | 42.8 | 4.0 | 47.4 | 41.7 | 4.4 | 44.8  | 40.5 | 4.9 | 42.3  | 39.1 | 5.3 |       |      |    |
|                      | 80            | 67         | 58.5 | 37.5 | 3.2 | 57.0 | 36.8 | 3.6 | 54.7 | 35.8 | 4.1 | 51.6 | 34.5 | 4.5 | 47.7  | 32.6 | 4.9 | 42.9  | 30.3 | 5.4 |       |      |    |
|                      | 80            | 72         | 64.3 | 31.0 | 3.3 | 63.2 | 30.2 | 3.7 | 61.3 | 29.3 | 4.1 | 58.5 | 28.2 | 4.6 | 55.0  | 27.0 | 5.1 | 50.5  | 25.4 | 5.5 |       |      |    |
|                      | 75            | 63         | 55.4 | 37.1 | 3.3 | 53.3 | 36.0 | 3.6 | 50.9 | 34.8 | 4.0 | 48.2 | 33.6 | 4.5 | 45.2  | 32.2 | 4.9 | 41.9  | 30.7 | 5.4 |       |      |    |
| 1500                 | 80            | 62         | 56.3 | 46.7 | 3.3 | 53.5 | 46.0 | 3.7 | 50.8 | 45.0 | 4.1 | 48.1 | 43.8 | 4.5 | 45.4  | 42.3 | 5.0 | 42.8  | 40.7 | 5.4 |       |      |    |
|                      | 80            | 67         | 59.4 | 38.9 | 3.4 | 58.4 | 38.5 | 3.8 | 56.2 | 37.7 | 4.2 | 53.0 | 36.3 | 4.7 | 48.7  | 34.3 | 5.1 | 43.3  | 31.6 | 5.6 |       |      |    |
|                      | 80            | 72         | 64.9 | 31.6 | 3.4 | 64.2 | 31.1 | 3.8 | 62.4 | 30.4 | 4.3 | 59.6 | 29.5 | 4.7 | 55.6  | 28.2 | 5.2 | 50.5  | 26.5 | 5.7 |       |      |    |
|                      | 75            | 63         | 56.4 | 38.8 | 3.4 | 54.2 | 37.8 | 3.7 | 51.7 | 36.7 | 4.1 | 49.0 | 35.5 | 4.5 | 46.1  | 34.2 | 5.0 | 42.8  | 32.6 | 5.4 |       |      |    |
| 1650                 | 80            | 62         | 57.4 | 49.1 | 3.4 | 54.5 | 48.4 | 3.8 | 51.6 | 47.4 | 4.2 | 48.8 | 46.0 | 4.6 | 46.0  | 44.2 | 5.1 | 43.3  | 42.3 | 5.5 |       |      |    |
|                      | 80            | 67         | 60.1 | 40.1 | 3.5 | 59.5 | 40.1 | 3.9 | 57.5 | 39.5 | 4.3 | 54.2 | 38.1 | 4.7 | 49.5  | 35.9 | 5.2 | 43.5  | 32.7 | 5.6 |       |      |    |
|                      | 80            | 72         | 65.6 | 32.2 | 3.5 | 65.3 | 32.0 | 3.9 | 63.6 | 31.6 | 4.4 | 60.6 | 30.8 | 4.8 | 56.2  | 29.4 | 5.3 | 50.6  | 27.6 | 5.8 |       |      |    |
|                      | 75            | 63         | 57.5 | 40.4 | 3.4 | 55.1 | 39.6 | 3.8 | 52.6 | 38.6 | 4.2 | 49.9 | 37.5 | 4.6 | 46.9  | 36.2 | 5.1 | 43.8  | 34.7 | 5.5 |       |      |    |

Second Stage (Boost Speed C5) Cooling

FT4BG060 or PSH4BG060 Heat Pump matched with C6BH-X60C-D or C6BA-F60(C,U)-D+TXV-X5.0 Coil

| Outdoor Temperature: |               |            | 65°F |      |     | 75°F |      |     | 85°F |      |     | 95°F |      |     | 105°F |      |     | 115°F |      |    | 125°F |      |    |
|----------------------|---------------|------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|-------|------|-----|-------|------|----|-------|------|----|
| Blower<br>cfm        | Indoor<br>Tdb | Indoor Twb | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C. | S.C. | kW  | T.C.  | S.C. | kW  | T.C.  | S.C. | kW | T.C.  | S.C. | kW |
| 1350                 | 80            | 62         | 61.9 | 49.3 | 4.3 | 59.2 | 47.9 | 4.7 | 56.5 | 46.5 | 5.1 | 53.7 | 45.0 | 5.6 | 50.8  | 43.5 | 6.1 |       |      |    |       |      |    |
|                      | 80            | 67         | 67.4 | 41.9 | 4.3 | 67.2 | 42.5 | 4.8 | 65.5 | 42.0 | 5.3 | 62.3 | 40.5 | 5.8 | 57.5  | 38.0 | 6.3 |       |      |    |       |      |    |
|                      | 80            | 72         | 71.1 | 32.4 | 4.4 | 71.2 | 32.8 | 4.9 | 69.9 | 32.5 | 5.4 | 67.0 | 31.5 | 6.0 | 62.5  | 29.7 | 6.5 |       |      |    |       |      |    |
|                      | 75            | 63         | 63.3 | 40.9 | 4.3 | 60.9 | 39.8 | 4.7 | 58.2 | 38.7 | 5.2 | 55.2 | 37.3 | 5.7 | 51.8  | 35.6 | 6.2 |       |      |    |       |      |    |
| 1500                 | 80            | 62         | 63.1 | 51.7 | 4.4 | 60.4 | 50.5 | 4.8 | 57.7 | 49.1 | 5.3 | 54.8 | 47.6 | 5.8 | 51.7  | 45.9 | 6.3 |       |      |    |       |      |    |
|                      | 80            | 67         | 68.4 | 43.3 | 4.4 | 68.4 | 43.6 | 4.9 | 66.8 | 43.1 | 5.4 | 63.5 | 41.8 | 6.0 | 58.7  | 39.5 | 6.5 |       |      |    |       |      |    |
|                      | 80            | 72         | 71.6 | 34.0 | 4.5 | 72.0 | 34.0 | 5.0 | 70.8 | 33.5 | 5.5 | 68.0 | 32.4 | 6.1 | 63.5  | 30.9 | 6.7 |       |      |    |       |      |    |
|                      | 75            | 63         | 64.2 | 42.5 | 4.4 | 61.9 | 41.6 | 4.8 | 59.3 | 40.4 | 5.3 | 56.3 | 39.0 | 5.8 | 52.9  | 37.4 | 6.3 |       |      |    |       |      |    |
| 1650                 | 80            | 62         | 64.2 | 54.1 | 4.5 | 61.7 | 53.0 | 4.9 | 58.9 | 51.7 | 5.4 | 55.9 | 50.2 | 5.9 | 52.6  | 48.3 | 6.4 |       |      |    |       |      |    |
|                      | 80            | 67         | 69.4 | 45.1 | 4.5 | 69.6 | 45.6 | 5.0 | 68.1 | 45.2 | 5.5 | 64.8 | 43.8 | 6.1 | 59.8  | 41.4 | 6.6 |       |      |    |       |      |    |
|                      | 80            | 72         | 72.0 | 34.8 | 4.6 | 72.7 | 35.0 | 5.1 | 71.7 | 34.7 | 5.6 | 69.0 | 33.7 | 6.2 | 64.5  | 32.1 | 6.8 |       |      |    |       |      |    |
|                      | 75            | 63         | 65.2 | 44.1 | 4.5 | 63.0 | 43.3 | 4.9 | 60.4 | 42.3 | 5.4 | 57.4 | 40.9 | 5.9 | 54.0  | 39.2 | 6.4 |       |      |    |       |      |    |

# HEATING EXPANDED RATINGS WITH AIR HANDLER

## 2 Ton Split Heat Pump with Air Handler First Stage (Low Speed) Heating Matched with B6VMAX24K-B-Air Handler

| Outdoor Temperature: |       | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|----------------------|-------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower cfm (nominal) | E.D.B | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 450                  | 60    | 4.4  | 2.3 | 0.6 | 5.5  | 2.8 | 0.6 | 6.3  | 3.1 | 0.6 | 6.7  | 3.3 | 0.6 | 8.0  | 3.8 | 0.6 | 9.3  | 4.4 | 0.6 | 10.3 | 4.8 | 0.6 | 10.8 | 5.0 | 0.6 | 12.3 | 5.7 | 0.6 |
|                      | 70    | 4.0  | 1.9 | 0.6 | 5.1  | 2.3 | 0.6 | 5.9  | 2.6 | 0.7 | 6.2  | 2.7 | 0.7 | 7.5  | 3.2 | 0.7 | 8.8  | 3.7 | 0.7 | 9.8  | 4.0 | 0.7 | 10.3 | 4.2 | 0.7 | 11.8 | 4.7 | 0.7 |
|                      | 80    | 3.7  | 1.6 | 0.7 | 4.7  | 2.0 | 0.7 | 5.5  | 2.2 | 0.7 | 5.8  | 2.3 | 0.7 | 7.0  | 2.7 | 0.8 | 8.4  | 3.1 | 0.8 | 9.3  | 3.4 | 0.8 | 9.8  | 3.5 | 0.8 | 11.3 | 4.0 | 0.8 |
| 550                  | 60    | 4.6  | 2.4 | 0.6 | 5.7  | 2.8 | 0.6 | 6.5  | 3.2 | 0.6 | 6.9  | 3.4 | 0.6 | 8.2  | 4.0 | 0.6 | 9.7  | 4.6 | 0.6 | 10.7 | 5.2 | 0.6 | 11.2 | 5.4 | 0.6 | 12.9 | 6.3 | 0.6 |
|                      | 70    | 4.2  | 2.0 | 0.6 | 5.3  | 2.4 | 0.6 | 6.1  | 2.7 | 0.7 | 6.5  | 2.8 | 0.7 | 7.7  | 3.3 | 0.7 | 9.2  | 3.9 | 0.7 | 10.2 | 4.3 | 0.7 | 10.7 | 4.5 | 0.7 | 12.4 | 5.1 | 0.7 |
|                      | 80    | 3.9  | 1.7 | 0.7 | 4.9  | 2.1 | 0.7 | 5.7  | 2.3 | 0.7 | 6.0  | 2.4 | 0.7 | 7.3  | 2.8 | 0.8 | 8.7  | 3.3 | 0.8 | 9.7  | 3.6 | 0.8 | 10.2 | 3.8 | 0.8 | 11.8 | 4.3 | 0.8 |
| 650                  | 60    | 4.7  | 2.4 | 0.6 | 5.8  | 2.9 | 0.6 | 6.7  | 3.3 | 0.6 | 7.1  | 3.5 | 0.6 | 8.5  | 4.1 | 0.6 | 10.0 | 4.9 | 0.6 | 11.1 | 5.5 | 0.6 | 11.6 | 5.8 | 0.6 | 13.4 | 6.9 | 0.6 |
|                      | 70    | 4.5  | 2.1 | 0.6 | 5.5  | 2.5 | 0.6 | 6.3  | 2.8 | 0.7 | 6.7  | 2.9 | 0.7 | 8.0  | 3.5 | 0.7 | 9.5  | 4.1 | 0.7 | 10.6 | 4.5 | 0.7 | 11.1 | 4.8 | 0.7 | 12.9 | 5.6 | 0.7 |
|                      | 80    | 4.2  | 1.9 | 0.7 | 5.1  | 2.2 | 0.7 | 5.9  | 2.4 | 0.7 | 6.2  | 2.5 | 0.7 | 7.5  | 2.9 | 0.8 | 9.0  | 3.4 | 0.8 | 10.1 | 3.8 | 0.8 | 10.6 | 4.0 | 0.8 | 12.4 | 4.7 | 0.8 |

## 2 Ton Second Stage (Nominal High Speed) Heating Matched with B6VMAX24K-B-Air Handler

| Outdoor Temperature: |       | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|----------------------|-------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower cfm (nominal) | E.D.B | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 700                  | 60    | 10.0 | 2.2 | 1.3 | 12.3 | 2.6 | 1.4 | 13.9 | 2.9 | 1.4 | 14.7 | 3.0 | 1.4 | 17.2 | 3.4 | 1.5 | 19.9 | 3.8 | 1.5 | 21.9 | 4.1 | 1.6 | 22.7 | 4.2 | 1.6 | 25.7 | 4.6 | 1.6 |
|                      | 70    | 9.7  | 2.0 | 1.4 | 11.9 | 2.3 | 1.5 | 13.5 | 2.6 | 1.5 | 14.2 | 2.7 | 1.6 | 16.7 | 3.0 | 1.6 | 19.3 | 3.3 | 1.7 | 21.2 | 3.5 | 1.8 | 22.0 | 3.6 | 1.8 | 24.8 | 3.9 | 1.8 |
|                      | 80    | 9.3  | 1.8 | 1.5 | 11.5 | 2.1 | 1.6 | 13.0 | 2.3 | 1.7 | 13.7 | 2.4 | 1.7 | 16.1 | 2.6 | 1.8 | 18.6 | 2.9 | 1.9 | 20.5 | 3.1 | 1.9 | 21.3 | 3.2 | 2.0 | 24.0 | 3.4 | 2.1 |
| 800                  | 60    | 10.5 | 2.3 | 1.3 | 12.9 | 2.7 | 1.4 | 14.7 | 3.0 | 1.4 | 15.4 | 3.2 | 1.4 | 18.1 | 3.6 | 1.5 | 21.0 | 4.1 | 1.5 | 23.1 | 4.4 | 1.5 | 24.0 | 4.5 | 1.6 | 27.1 | 5.0 | 1.6 |
|                      | 70    | 10.1 | 2.1 | 1.4 | 12.5 | 2.4 | 1.5 | 14.2 | 2.7 | 1.5 | 15.0 | 2.8 | 1.6 | 17.6 | 3.2 | 1.6 | 20.4 | 3.5 | 1.7 | 22.4 | 3.8 | 1.7 | 23.3 | 3.9 | 1.7 | 26.3 | 4.3 | 1.8 |
|                      | 80    | 9.5  | 1.8 | 1.5 | 11.7 | 2.1 | 1.6 | 13.3 | 2.3 | 1.7 | 14.0 | 2.4 | 1.7 | 16.5 | 2.7 | 1.8 | 19.1 | 3.0 | 1.9 | 21.0 | 3.2 | 1.9 | 21.8 | 3.3 | 1.9 | 24.7 | 3.6 | 2.0 |
| 900                  | 60    | 10.7 | 2.4 | 1.3 | 13.2 | 2.8 | 1.4 | 15.0 | 3.1 | 1.4 | 15.8 | 3.2 | 1.4 | 18.5 | 3.7 | 1.5 | 21.4 | 4.2 | 1.5 | 23.6 | 4.5 | 1.5 | 24.5 | 4.7 | 1.5 | 27.7 | 5.2 | 1.6 |
|                      | 70    | 10.3 | 2.1 | 1.4 | 12.7 | 2.5 | 1.5 | 14.5 | 2.8 | 1.5 | 15.3 | 2.9 | 1.6 | 18.0 | 3.3 | 1.6 | 20.8 | 3.7 | 1.7 | 22.9 | 3.9 | 1.7 | 23.8 | 4.1 | 1.7 | 27.0 | 4.5 | 1.8 |
|                      | 80    | 9.8  | 1.9 | 1.5 | 12.0 | 2.2 | 1.6 | 13.6 | 2.4 | 1.7 | 14.4 | 2.5 | 1.7 | 16.9 | 2.8 | 1.8 | 19.5 | 3.1 | 1.8 | 21.5 | 3.3 | 1.9 | 22.4 | 3.4 | 1.9 | 25.3 | 3.8 | 2.0 |

## 2 Ton Second Stage Boost Speed Heating Matched with B6VMAX24K-B-Air Handler

| Outdoor Temperature: |       | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|----------------------|-------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower cfm (nominal) | E.D.B | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 700                  | 60    | 11.3 | 2.1 | 1.6 | 14.0 | 2.4 | 1.7 | 16.0 | 2.7 | 1.8 | 16.8 | 2.8 | 1.8 | 19.7 | 3.1 | 1.9 | 22.7 | 3.4 | 2.0 | 24.9 | 3.6 | 2.0 | 25.8 | 3.7 | 2.1 | 29.0 | 4.0 | 2.1 |
|                      | 70    | 10.9 | 1.8 | 1.7 | 13.6 | 2.2 | 1.8 | 15.5 | 2.4 | 1.9 | 16.3 | 2.5 | 1.9 | 19.1 | 2.7 | 2.1 | 22.0 | 3.0 | 2.2 | 24.1 | 3.2 | 2.2 | 25.0 | 3.2 | 2.3 | 28.1 | 3.5 | 2.4 |
|                      | 80    | 10.6 | 1.7 | 1.9 | 13.1 | 1.9 | 2.0 | 15.0 | 2.1 | 2.1 | 15.8 | 2.2 | 2.1 | 18.5 | 2.4 | 2.2 | 21.3 | 2.6 | 2.4 | 23.3 | 2.8 | 2.4 | 24.1 | 2.9 | 2.5 | 27.1 | 3.1 | 2.6 |
| 800                  | 60    | 11.6 | 2.1 | 1.6 | 14.3 | 2.5 | 1.7 | 16.3 | 2.7 | 1.8 | 17.2 | 2.8 | 1.8 | 20.2 | 3.2 | 1.9 | 23.2 | 3.5 | 1.9 | 25.5 | 3.8 | 2.0 | 26.4 | 3.9 | 2.0 | 29.8 | 4.2 | 2.1 |
|                      | 70    | 11.4 | 1.9 | 1.7 | 13.9 | 2.2 | 1.8 | 15.8 | 2.4 | 1.9 | 16.7 | 2.5 | 1.9 | 19.5 | 2.8 | 2.0 | 22.5 | 3.1 | 2.1 | 24.7 | 3.3 | 2.2 | 25.7 | 3.4 | 2.2 | 28.9 | 3.7 | 2.3 |
|                      | 80    | 11.2 | 1.8 | 1.9 | 13.6 | 2.0 | 2.0 | 15.4 | 2.2 | 2.1 | 16.2 | 2.3 | 2.1 | 18.9 | 2.5 | 2.2 | 21.8 | 2.8 | 2.3 | 24.0 | 2.9 | 2.4 | 24.9 | 3.0 | 2.4 | 28.1 | 3.3 | 2.5 |
| 900                  | 60    | 11.8 | 2.1 | 1.6 | 14.6 | 2.5 | 1.7 | 16.6 | 2.8 | 1.7 | 17.5 | 2.9 | 1.8 | 20.6 | 3.3 | 1.8 | 23.7 | 3.7 | 1.9 | 26.0 | 4.0 | 1.9 | 27.1 | 4.1 | 1.9 | 30.5 | 4.5 | 2.0 |
|                      | 70    | 11.8 | 1.9 | 1.8 | 14.3 | 2.3 | 1.8 | 16.2 | 2.5 | 1.9 | 17.0 | 2.6 | 1.9 | 20.0 | 2.9 | 2.0 | 23.1 | 3.3 | 2.1 | 25.3 | 3.5 | 2.1 | 26.4 | 3.6 | 2.1 | 29.8 | 3.9 | 2.2 |
|                      | 80    | 11.8 | 1.8 | 1.9 | 14.0 | 2.1 | 2.0 | 15.8 | 2.2 | 2.1 | 16.6 | 2.3 | 2.1 | 19.3 | 2.6 | 2.2 | 22.4 | 2.9 | 2.3 | 24.6 | 3.1 | 2.3 | 25.7 | 3.2 | 2.4 | 29.2 | 3.5 | 2.5 |

T.C.. = Total Capacity    COP = Coefficient of Performance    kW= Kilo Watts

# HEATING EXPANDED RATINGS WITH AIR HANDLER (CONTINUED)

## 3 Ton Split Heat Pump with Air Handler First Stage (Low Speed) Heating Matched with B6VMAX36K-B Air Handler

|                      | Outdoor Temperature: | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|----------------------|----------------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower cfm (nominal) | E.D.B                | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 700                  | 60                   | 7.3  | 2.7 | 0.8 | 9.0  | 3.1 | 0.8 | 10.3 | 3.5 | 0.9 | 10.9 | 3.6 | 0.9 | 12.9 | 4.2 | 0.9 | 15.2 | 4.9 | 0.9 | 16.9 | 5.3 | 0.9 | 17.6 | 5.6 | 0.9 | 20.2 | 6.4 | 0.9 |
|                      | 70                   | 6.4  | 2.1 | 0.9 | 8.3  | 2.6 | 0.9 | 9.7  | 3.0 | 1.0 | 10.4 | 3.1 | 1.0 | 12.4 | 3.6 | 1.0 | 14.6 | 4.2 | 1.0 | 16.2 | 4.5 | 1.0 | 16.8 | 4.7 | 1.1 | 19.2 | 5.3 | 1.1 |
|                      | 80                   | 6.2  | 1.9 | 1.0 | 8.0  | 2.3 | 1.0 | 9.3  | 2.6 | 1.1 | 9.8  | 2.7 | 1.1 | 11.8 | 3.1 | 1.1 | 13.9 | 3.5 | 1.2 | 15.5 | 3.8 | 1.2 | 16.1 | 4.0 | 1.2 | 18.5 | 4.5 | 1.2 |
| 800                  | 60                   | 7.4  | 2.7 | 0.8 | 9.2  | 3.1 | 0.9 | 10.5 | 3.5 | 0.9 | 11.1 | 3.7 | 0.9 | 13.2 | 4.3 | 0.9 | 15.4 | 5.0 | 0.9 | 17.1 | 5.5 | 0.9 | 17.9 | 5.7 | 0.9 | 20.5 | 6.6 | 0.9 |
|                      | 70                   | 6.6  | 2.2 | 0.9 | 8.5  | 2.6 | 0.9 | 9.9  | 3.0 | 1.0 | 10.5 | 3.1 | 1.0 | 12.6 | 3.7 | 1.0 | 14.8 | 4.2 | 1.0 | 16.5 | 4.7 | 1.0 | 17.2 | 4.8 | 1.0 | 19.6 | 5.5 | 1.0 |
|                      | 80                   | 6.4  | 1.9 | 1.0 | 8.2  | 2.3 | 1.0 | 9.5  | 2.6 | 1.1 | 10.0 | 2.7 | 1.1 | 12.1 | 3.2 | 1.1 | 14.2 | 3.6 | 1.2 | 15.8 | 4.0 | 1.2 | 16.5 | 4.1 | 1.2 | 19.0 | 4.7 | 1.2 |
| 900                  | 60                   | 7.6  | 2.7 | 0.8 | 9.3  | 3.2 | 0.9 | 10.7 | 3.5 | 0.9 | 11.3 | 3.7 | 0.9 | 13.4 | 4.3 | 0.9 | 15.7 | 5.1 | 0.9 | 17.4 | 5.6 | 0.9 | 18.2 | 5.9 | 0.9 | 20.9 | 6.8 | 0.9 |
|                      | 70                   | 7.0  | 2.3 | 0.9 | 8.8  | 2.7 | 1.0 | 10.1 | 3.0 | 1.0 | 10.7 | 3.2 | 1.0 | 12.8 | 3.7 | 1.0 | 15.0 | 4.3 | 1.0 | 16.7 | 4.7 | 1.0 | 17.4 | 4.9 | 1.0 | 20.0 | 5.7 | 1.0 |
|                      | 80                   | 6.6  | 2.0 | 1.0 | 8.4  | 2.4 | 1.0 | 9.7  | 2.6 | 1.1 | 10.3 | 2.8 | 1.1 | 12.3 | 3.2 | 1.1 | 14.5 | 3.7 | 1.1 | 16.2 | 4.1 | 1.2 | 16.9 | 4.2 | 1.2 | 19.4 | 4.8 | 1.2 |

## 3 Ton Second Stage (Nominal High Speed) Heating Matched with B6VMAX36K-B Air Handler

|                      | Outdoor Temperature: | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|----------------------|----------------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower cfm (nominal) | E.D.B                | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 1050                 | 60                   | 17.4 | 2.5 | 2.0 | 19.5 | 2.7 | 2.1 | 21.5 | 2.9 | 2.2 | 22.4 | 3.0 | 2.2 | 26.0 | 3.3 | 2.3 | 30.1 | 3.7 | 2.4 | 33.3 | 4.0 | 2.5 | 34.7 | 4.1 | 2.5 | 39.9 | 4.6 | 2.6 |
|                      | 70                   | 16.1 | 2.2 | 2.1 | 18.7 | 2.4 | 2.3 | 20.8 | 2.6 | 2.4 | 21.7 | 2.7 | 2.4 | 25.3 | 3.0 | 2.5 | 29.3 | 3.3 | 2.6 | 32.4 | 3.5 | 2.7 | 33.8 | 3.6 | 2.7 | 38.8 | 4.0 | 2.8 |
|                      | 80                   | 14.7 | 1.9 | 2.3 | 17.9 | 2.1 | 2.4 | 20.3 | 2.3 | 2.5 | 21.4 | 2.4 | 2.6 | 25.1 | 2.7 | 2.7 | 29.0 | 3.0 | 2.9 | 31.9 | 3.2 | 3.0 | 33.2 | 3.2 | 3.0 | 37.6 | 3.5 | 3.1 |
| 1200                 | 60                   | 17.8 | 2.5 | 2.1 | 20.4 | 2.8 | 2.2 | 22.5 | 3.0 | 2.2 | 23.5 | 3.1 | 2.2 | 27.3 | 3.4 | 2.3 | 31.7 | 3.9 | 2.4 | 35.2 | 4.2 | 2.5 | 36.7 | 4.3 | 2.5 | 42.3 | 4.9 | 2.5 |
|                      | 70                   | 16.4 | 2.2 | 2.2 | 19.4 | 2.5 | 2.3 | 21.8 | 2.7 | 2.4 | 22.9 | 2.8 | 2.4 | 26.8 | 3.1 | 2.5 | 31.1 | 3.5 | 2.6 | 34.4 | 3.7 | 2.7 | 35.9 | 3.9 | 2.7 | 41.1 | 4.3 | 2.8 |
|                      | 80                   | 15.1 | 1.9 | 2.4 | 18.3 | 2.2 | 2.5 | 20.7 | 2.3 | 2.6 | 21.7 | 2.4 | 2.6 | 25.5 | 2.7 | 2.8 | 29.5 | 3.0 | 2.9 | 32.5 | 3.2 | 3.0 | 33.8 | 3.3 | 3.0 | 38.3 | 3.6 | 3.1 |
| 1350                 | 60                   | 18.2 | 2.5 | 2.1 | 20.7 | 2.8 | 2.2 | 22.8 | 3.0 | 2.3 | 23.8 | 3.1 | 2.3 | 27.6 | 3.4 | 2.4 | 32.1 | 3.9 | 2.4 | 35.7 | 4.2 | 2.5 | 37.3 | 4.4 | 2.5 | 43.1 | 5.0 | 2.5 |
|                      | 70                   | 16.8 | 2.2 | 2.2 | 19.8 | 2.5 | 2.4 | 22.2 | 2.7 | 2.4 | 23.3 | 2.8 | 2.5 | 27.3 | 3.1 | 2.6 | 31.7 | 3.5 | 2.7 | 35.1 | 3.8 | 2.7 | 36.6 | 3.9 | 2.7 | 41.9 | 4.4 | 2.8 |
|                      | 80                   | 15.6 | 1.9 | 2.4 | 18.7 | 2.2 | 2.5 | 21.1 | 2.3 | 2.6 | 22.1 | 2.4 | 2.7 | 25.9 | 2.7 | 2.8 | 29.9 | 3.0 | 2.9 | 33.0 | 3.3 | 3.0 | 34.3 | 3.4 | 3.0 | 39.1 | 3.7 | 3.1 |

## 3 Ton Second Stage Boost Speed Heating Matched with B6VMAX36K-B Air Handler

|                      | Outdoor Temperature: | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|----------------------|----------------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower cfm (nominal) | E.D.B                | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 1050                 | 60                   | 19.5 | 2.4 | 2.3 | 21.3 | 2.5 | 2.5 | 24.4 | 2.8 | 2.5 | 25.7 | 2.9 | 2.6 | 30.3 | 3.3 | 2.7 | 34.8 | 3.6 | 2.8 | 38.0 | 3.8 | 2.9 | 39.4 | 3.9 | 3.0 | 44.0 | 4.2 | 3.1 |
|                      | 70                   | 18.1 | 2.1 | 2.5 | 21.0 | 2.3 | 2.6 | 23.3 | 2.5 | 2.7 | 24.4 | 2.6 | 2.8 | 28.4 | 2.8 | 2.9 | 32.8 | 3.1 | 3.1 | 36.2 | 3.3 | 3.2 | 37.8 | 3.4 | 3.2 | 43.2 | 3.7 | 3.4 |
|                      | 80                   | 17.1 | 1.9 | 2.6 | 20.4 | 2.1 | 2.8 | 22.8 | 2.3 | 3.0 | 23.9 | 2.3 | 3.0 | 27.8 | 2.5 | 3.2 | 32.1 | 2.8 | 3.4 | 35.4 | 3.0 | 3.5 | 36.8 | 3.0 | 3.6 | 41.9 | 3.3 | 3.7 |
| 1200                 | 60                   | 20.0 | 2.4 | 2.4 | 21.9 | 2.6 | 2.5 | 25.0 | 2.8 | 2.6 | 26.3 | 2.9 | 2.6 | 30.8 | 3.3 | 2.7 | 35.4 | 3.7 | 2.8 | 38.7 | 3.9 | 2.9 | 40.1 | 4.0 | 2.9 | 44.9 | 4.3 | 3.0 |
|                      | 70                   | 18.7 | 2.2 | 2.5 | 21.6 | 2.4 | 2.7 | 23.9 | 2.5 | 2.7 | 25.0 | 2.6 | 2.8 | 28.9 | 2.9 | 2.9 | 33.4 | 3.2 | 3.1 | 36.8 | 3.4 | 3.2 | 38.4 | 3.5 | 3.2 | 43.8 | 3.9 | 3.3 |
|                      | 80                   | 17.4 | 1.9 | 2.7 | 20.7 | 2.1 | 2.9 | 23.3 | 2.3 | 3.0 | 24.4 | 2.4 | 3.0 | 28.4 | 2.6 | 3.2 | 32.8 | 2.9 | 3.4 | 36.1 | 3.0 | 3.5 | 37.6 | 3.1 | 3.5 | 42.8 | 3.4 | 3.7 |
| 1350                 | 60                   | 20.3 | 2.4 | 2.4 | 22.5 | 2.6 | 2.5 | 25.6 | 2.9 | 2.6 | 26.9 | 3.0 | 2.6 | 31.3 | 3.4 | 2.7 | 36.0 | 3.7 | 2.8 | 39.3 | 4.0 | 2.9 | 40.8 | 4.1 | 2.9 | 45.7 | 4.5 | 3.0 |
|                      | 70                   | 19.0 | 2.2 | 2.6 | 21.8 | 2.4 | 2.7 | 24.3 | 2.5 | 2.8 | 25.4 | 2.6 | 2.8 | 29.5 | 2.9 | 3.0 | 34.0 | 3.2 | 3.1 | 37.5 | 3.5 | 3.2 | 39.1 | 3.6 | 3.2 | 44.6 | 3.9 | 3.3 |
|                      | 80                   | 17.6 | 1.9 | 2.8 | 21.1 | 2.1 | 2.9 | 23.7 | 2.3 | 3.0 | 24.9 | 2.4 | 3.1 | 29.1 | 2.7 | 3.2 | 33.6 | 2.9 | 3.4 | 36.9 | 3.1 | 3.5 | 38.4 | 3.2 | 3.5 | 43.6 | 3.5 | 3.6 |

T.C.. = Total Capacity COP = Coefficient of Performance kW= Kilo Watts

# HEATING EXPANDED RATINGS WITH AIR HANDLER (CONTINUED)

## 4 Ton Split Heat Pump with Air Handler First Stage (Low Speed H1) Heating Matched with B6VMAX48K-C Air Handler

|            |  | Outdoor Temperature: | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|------------|--|----------------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower cfm |  | Indoor Tdb           | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 750        |  | 60                   | 7.8  | 2.8 | 0.8 | 9.2  | 3.1 | 0.9 | 10.3 | 3.3 | 0.9 | 10.8 | 3.5 | 0.9 | 12.5 | 3.9 | 0.9 | 14.4 | 4.3 | 1.0 | 15.8 | 4.7 | 1.0 | 16.5 | 4.8 | 1.0 | 18.7 | 5.4 | 1.0 |
|            |  | 70                   | 6.7  | 2.2 | 0.9 | 8.2  | 2.6 | 0.9 | 9.4  | 2.8 | 1.0 | 9.9  | 2.9 | 1.0 | 11.7 | 3.3 | 1.1 | 13.7 | 3.6 | 1.1 | 15.1 | 3.9 | 1.1 | 15.7 | 4.0 | 1.1 | 17.8 | 4.4 | 1.2 |
|            |  | 80                   | 5.6  | 1.7 | 0.9 | 7.3  | 2.1 | 1.0 | 8.5  | 2.3 | 1.1 | 9.1  | 2.4 | 1.1 | 11.0 | 2.8 | 1.2 | 12.9 | 3.1 | 1.2 | 14.3 | 3.3 | 1.3 | 14.9 | 3.4 | 1.3 | 16.9 | 3.7 | 1.3 |
| 900        |  | 60                   | 7.9  | 2.8 | 0.8 | 9.3  | 3.1 | 0.9 | 10.4 | 3.4 | 0.9 | 10.9 | 3.5 | 0.9 | 12.7 | 3.9 | 0.9 | 14.7 | 4.4 | 1.0 | 16.2 | 4.8 | 1.0 | 16.9 | 5.0 | 1.0 | 19.3 | 5.7 | 1.0 |
|            |  | 70                   | 7.0  | 2.3 | 0.9 | 8.5  | 2.6 | 1.0 | 9.7  | 2.8 | 1.0 | 10.2 | 2.9 | 1.0 | 12.0 | 3.3 | 1.1 | 14.0 | 3.7 | 1.1 | 15.5 | 4.1 | 1.1 | 16.1 | 4.2 | 1.1 | 18.4 | 4.7 | 1.1 |
|            |  | 80                   | 6.0  | 1.8 | 1.0 | 7.7  | 2.2 | 1.0 | 8.9  | 2.4 | 1.1 | 9.5  | 2.5 | 1.1 | 11.4 | 2.8 | 1.2 | 13.3 | 3.2 | 1.2 | 14.7 | 3.4 | 1.3 | 15.4 | 3.6 | 1.3 | 17.5 | 3.9 | 1.3 |
| 1050       |  | 60                   | 8.1  | 2.8 | 0.9 | 9.5  | 3.1 | 0.9 | 10.6 | 3.4 | 0.9 | 11.1 | 3.5 | 0.9 | 13.0 | 4.0 | 1.0 | 15.1 | 4.6 | 1.0 | 16.7 | 5.0 | 1.0 | 17.4 | 5.2 | 1.0 | 19.9 | 6.0 | 1.0 |
|            |  | 70                   | 7.3  | 2.3 | 0.9 | 8.8  | 2.6 | 1.0 | 10.0 | 2.9 | 1.0 | 10.5 | 3.0 | 1.0 | 12.4 | 3.4 | 1.1 | 14.4 | 3.9 | 1.1 | 15.9 | 4.2 | 1.1 | 16.6 | 4.4 | 1.1 | 19.0 | 4.9 | 1.1 |
|            |  | 80                   | 6.5  | 1.9 | 1.0 | 8.1  | 2.2 | 1.1 | 9.3  | 2.5 | 1.1 | 9.9  | 2.6 | 1.1 | 11.8 | 2.9 | 1.2 | 13.7 | 3.3 | 1.2 | 15.2 | 3.6 | 1.2 | 15.8 | 3.7 | 1.2 | 18.0 | 4.1 | 1.3 |

## 4 Ton Second Stage (Nominal High Speed H4) Heating Matched with B6VMAX48K-C Air Handler

|            |  | Outdoor Temperature: | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|------------|--|----------------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower cfm |  | Indoor Tdb           | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 1200       |  | 60                   | 20.2 | 2.3 | 2.6 | 24.8 | 2.6 | 2.7 | 28.2 | 2.9 | 2.9 | 29.7 | 2.9 | 2.9 | 34.9 | 3.2 | 3.2 | 40.4 | 3.5 | 3.4 | 44.5 | 3.7 | 3.5 | 46.2 | 3.8 | 3.6 | 52.4 | 4.0 | 3.8 |
|            |  | 70                   | 19.3 | 2.1 | 2.8 | 23.9 | 2.4 | 3.0 | 27.3 | 2.6 | 3.1 | 28.8 | 2.6 | 3.2 | 34.0 | 2.9 | 3.4 | 39.4 | 3.1 | 3.7 | 43.4 | 3.3 | 3.8 | 45.2 | 3.4 | 3.9 | 51.2 | 3.6 | 4.2 |
|            |  | 80                   | 18.3 | 1.8 | 3.0 | 23.0 | 2.1 | 3.2 | 26.4 | 2.3 | 3.4 | 27.9 | 2.4 | 3.4 | 33.1 | 2.6 | 3.7 | 38.4 | 2.8 | 4.0 | 42.4 | 3.0 | 4.1 | 44.1 | 3.0 | 4.2 | 49.9 | 3.2 | 4.5 |
| 1350       |  | 60                   | 20.7 | 2.4 | 2.6 | 25.3 | 2.7 | 2.8 | 28.6 | 2.9 | 2.9 | 30.1 | 3.0 | 3.0 | 35.4 | 3.3 | 3.2 | 41.0 | 3.6 | 3.4 | 45.1 | 3.8 | 3.5 | 46.9 | 3.8 | 3.6 | 53.1 | 4.1 | 3.8 |
|            |  | 70                   | 19.7 | 2.1 | 2.8 | 24.4 | 2.4 | 3.0 | 27.8 | 2.6 | 3.1 | 29.3 | 2.7 | 3.2 | 34.5 | 2.9 | 3.4 | 40.0 | 3.2 | 3.7 | 44.0 | 3.4 | 3.8 | 45.8 | 3.5 | 3.9 | 51.8 | 3.7 | 4.1 |
|            |  | 80                   | 18.7 | 1.8 | 3.0 | 23.5 | 2.1 | 3.2 | 26.9 | 2.3 | 3.4 | 28.4 | 2.4 | 3.5 | 33.6 | 2.7 | 3.7 | 39.0 | 2.9 | 3.9 | 43.0 | 3.1 | 4.1 | 44.7 | 3.1 | 4.2 | 50.5 | 3.3 | 4.5 |
| 1500       |  | 60                   | 21.2 | 2.4 | 2.6 | 25.7 | 2.7 | 2.8 | 29.1 | 2.9 | 2.9 | 30.6 | 3.0 | 3.0 | 35.9 | 3.3 | 3.2 | 41.5 | 3.6 | 3.3 | 45.7 | 3.8 | 3.5 | 47.5 | 3.9 | 3.5 | 53.8 | 4.3 | 3.7 |
|            |  | 70                   | 20.2 | 2.1 | 2.8 | 24.8 | 2.4 | 3.0 | 28.3 | 2.6 | 3.2 | 29.8 | 2.7 | 3.2 | 35.1 | 3.0 | 3.4 | 40.6 | 3.3 | 3.6 | 44.6 | 3.5 | 3.8 | 46.4 | 3.5 | 3.8 | 52.5 | 3.8 | 4.1 |
|            |  | 80                   | 19.1 | 1.9 | 3.0 | 23.9 | 2.2 | 3.2 | 27.5 | 2.4 | 3.4 | 29.0 | 2.4 | 3.5 | 34.2 | 2.7 | 3.7 | 39.7 | 3.0 | 3.9 | 43.6 | 3.1 | 4.1 | 45.3 | 3.2 | 4.2 | 51.1 | 3.4 | 4.4 |

## 4 Ton Second Stage (Boost Speed H5) Heating Matched with B6VMAX48K-C Air Handler

|            |  | Outdoor Temperature: | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|------------|--|----------------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower cfm |  | Indoor Tdb           | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 1200       |  | 60                   | 25.2 | 2.3 | 3.2 | 31.2 | 2.6 | 3.5 | 35.4 | 2.8 | 3.7 | 37.2 | 2.8 | 3.8 | 43.2 | 3.0 | 4.2 | 49.3 | 3.2 | 4.5 | 53.5 | 3.3 | 4.7 | 55.3 | 3.3 | 4.8 | 61.3 | 3.5 | 5.2 |
|            |  | 70                   | 23.8 | 1.9 | 3.6 | 30.2 | 2.4 | 3.7 | 34.6 | 2.6 | 3.9 | 36.4 | 2.7 | 3.9 | 42.3 | 3.0 | 4.2 | 47.8 | 3.1 | 4.5 | 51.6 | 3.1 | 4.8 | 53.2 | 3.2 | 4.9 | 58.2 | 3.1 | 5.4 |
|            |  | 80                   | 22.3 | 1.5 | 4.1 | 29.2 | 2.2 | 4.0 | 33.7 | 2.5 | 4.0 | 35.5 | 2.6 | 4.0 | 41.3 | 2.9 | 4.2 | 46.4 | 3.1 | 4.5 | 49.7 | 3.1 | 4.9 | 51.1 | 3.0 | 5.0 | 55.1 | 2.8 | 5.7 |
| 1350       |  | 60                   | 25.6 | 2.3 | 3.2 | 31.7 | 2.6 | 3.5 | 36.0 | 2.8 | 3.7 | 37.8 | 2.9 | 3.8 | 43.9 | 3.1 | 4.1 | 50.0 | 3.3 | 4.4 | 54.3 | 3.4 | 4.6 | 56.1 | 3.5 | 4.7 | 62.2 | 3.6 | 5.0 |
|            |  | 70                   | 24.4 | 2.0 | 3.5 | 30.7 | 2.4 | 3.8 | 35.1 | 2.6 | 3.9 | 36.9 | 2.7 | 4.0 | 42.8 | 2.9 | 4.3 | 48.6 | 3.1 | 4.6 | 52.5 | 3.2 | 4.9 | 54.2 | 3.2 | 5.0 | 59.5 | 3.3 | 5.3 |
|            |  | 80                   | 23.2 | 1.8 | 3.8 | 29.8 | 2.2 | 4.0 | 34.1 | 2.4 | 4.2 | 36.0 | 2.5 | 4.3 | 41.8 | 2.7 | 4.5 | 47.2 | 2.9 | 4.8 | 50.7 | 3.0 | 5.1 | 52.2 | 3.0 | 5.2 | 56.9 | 3.0 | 5.5 |
| 1500       |  | 60                   | 26.0 | 2.4 | 3.2 | 32.2 | 2.7 | 3.5 | 36.5 | 2.9 | 3.7 | 38.4 | 3.0 | 3.8 | 44.6 | 3.2 | 4.1 | 50.8 | 3.4 | 4.4 | 55.1 | 3.5 | 4.6 | 57.0 | 3.6 | 4.6 | 63.2 | 3.8 | 4.9 |
|            |  | 70                   | 25.0 | 2.2 | 3.4 | 31.3 | 2.4 | 3.8 | 35.6 | 2.6 | 4.0 | 37.4 | 2.6 | 4.1 | 43.4 | 2.9 | 4.5 | 49.3 | 3.1 | 4.7 | 53.4 | 3.2 | 4.9 | 55.2 | 3.2 | 5.0 | 60.9 | 3.4 | 5.2 |
|            |  | 80                   | 24.1 | 2.0 | 3.6 | 30.3 | 2.2 | 4.1 | 34.6 | 2.3 | 4.4 | 36.4 | 2.4 | 4.5 | 42.2 | 2.6 | 4.8 | 47.9 | 2.7 | 5.1 | 51.7 | 2.9 | 5.3 | 53.3 | 2.9 | 5.3 | 58.6 | 3.2 | 5.4 |

T.C. = Total Capacity    COP = Coefficient of Performance    kW = Kilo Watts

# HEATING EXPANDED RATINGS WITH AIR HANDLER (CONTINUED)

## 5 Ton Split Heat Pump with Air Handler First Stage (Low Speed H1) Heating Matched with B6VMAX60K-C Air Handler

| Blower<br>cfm | Outdoor<br>Temperature: |               | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|---------------|-------------------------|---------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
|               |                         | Indoor<br>Tdb | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 850           |                         | 60            | 6.4  | 2.5 | 0.7 | 7.8  | 2.9 | 0.8 | 8.8  | 3.2 | 0.8 | 9.3  | 3.4 | 0.8 | 10.9 | 3.9 | 0.8 | 12.6 | 4.4 | 0.8 | 13.9 | 4.8 | 0.8 | 14.4 | 5.0 | 0.8 | 16.4 | 5.6 | 0.8 |
|               |                         | 70            | 6.0  | 2.2 | 0.8 | 7.2  | 2.5 | 0.8 | 8.2  | 2.7 | 0.9 | 8.6  | 2.8 | 0.9 | 10.1 | 3.2 | 0.9 | 11.7 | 3.6 | 0.9 | 12.9 | 4.0 | 1.0 | 13.5 | 4.1 | 1.0 | 15.4 | 4.6 | 1.0 |
|               |                         | 80            | 5.6  | 1.9 | 0.9 | 6.7  | 2.1 | 0.9 | 7.5  | 2.3 | 1.0 | 7.9  | 2.4 | 1.0 | 9.3  | 2.7 | 1.0 | 10.8 | 3.0 | 1.0 | 12.0 | 3.3 | 1.1 | 12.5 | 3.4 | 1.1 | 14.3 | 3.9 | 1.1 |
| 1000          |                         | 60            | 6.8  | 2.5 | 0.8 | 8.0  | 2.9 | 0.8 | 8.9  | 3.2 | 0.8 | 9.4  | 3.3 | 0.8 | 10.9 | 3.8 | 0.8 | 12.6 | 4.3 | 0.9 | 13.9 | 4.8 | 0.9 | 14.5 | 5.0 | 0.9 | 16.6 | 5.7 | 0.9 |
|               |                         | 70            | 6.4  | 2.2 | 0.9 | 7.5  | 2.5 | 0.9 | 8.4  | 2.7 | 0.9 | 8.8  | 2.8 | 0.9 | 10.2 | 3.2 | 0.9 | 11.9 | 3.6 | 1.0 | 13.1 | 4.0 | 1.0 | 13.7 | 4.1 | 1.0 | 15.7 | 4.7 | 1.0 |
|               |                         | 80            | 6.0  | 1.9 | 0.9 | 7.0  | 2.2 | 1.0 | 7.8  | 2.3 | 1.0 | 8.2  | 2.4 | 1.0 | 9.6  | 2.7 | 1.0 | 11.1 | 3.1 | 1.1 | 12.3 | 3.3 | 1.1 | 12.8 | 3.5 | 1.1 | 14.7 | 3.9 | 1.1 |
| 1150          |                         | 60            | 7.2  | 2.6 | 0.8 | 8.2  | 2.8 | 0.8 | 9.1  | 3.1 | 0.9 | 9.5  | 3.2 | 0.9 | 10.9 | 3.7 | 0.9 | 12.7 | 4.3 | 0.9 | 14.0 | 4.7 | 0.9 | 14.7 | 4.9 | 0.9 | 16.9 | 5.7 | 0.9 |
|               |                         | 70            | 6.8  | 2.2 | 0.9 | 7.8  | 2.5 | 0.9 | 8.6  | 2.7 | 0.9 | 9.0  | 2.8 | 0.9 | 10.4 | 3.2 | 1.0 | 12.1 | 3.6 | 1.0 | 13.3 | 4.0 | 1.0 | 13.9 | 4.1 | 1.0 | 16.0 | 4.7 | 1.0 |
|               |                         | 80            | 6.4  | 1.9 | 1.0 | 7.4  | 2.2 | 1.0 | 8.2  | 2.4 | 1.0 | 8.6  | 2.4 | 1.0 | 9.9  | 2.8 | 1.1 | 11.5 | 3.1 | 1.1 | 12.7 | 3.4 | 1.1 | 13.2 | 3.5 | 1.1 | 15.1 | 3.9 | 1.1 |

## 5 Ton Second Stage (Nominal High Speed H4) Heating Matched with B6VMAX60K-C Air Handler

| Blower<br>cfm | Outdoor<br>Temperature: |               | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|---------------|-------------------------|---------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
|               |                         | Indoor<br>Tdb | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 1350          |                         | 60            | 20.1 | 2.3 | 2.6 | 27.2 | 2.6 | 3.1 | 32.3 | 2.8 | 3.4 | 34.6 | 2.9 | 3.5 | 42.3 | 3.2 | 3.9 | 50.4 | 3.4 | 4.3 | 56.3 | 3.6 | 4.5 | 58.9 | 3.7 | 4.6 | 67.7 | 4.0 | 5.0 |
|               |                         | 70            | 19.2 | 2.2 | 2.5 | 26.3 | 2.4 | 3.2 | 31.5 | 2.5 | 3.6 | 33.7 | 2.6 | 3.8 | 41.5 | 2.8 | 4.4 | 49.6 | 3.0 | 4.9 | 55.5 | 3.1 | 5.2 | 58.0 | 3.2 | 5.4 | 66.8 | 3.4 | 5.8 |
|               |                         | 80            | 18.2 | 1.8 | 2.9 | 25.1 | 2.1 | 3.5 | 30.2 | 2.3 | 3.9 | 32.5 | 2.3 | 4.1 | 40.3 | 2.6 | 4.6 | 48.4 | 2.8 | 5.0 | 54.3 | 3.0 | 5.3 | 56.8 | 3.1 | 5.4 | 65.4 | 3.3 | 5.8 |
| 1500          |                         | 60            | 20.7 | 2.3 | 2.6 | 27.8 | 2.6 | 3.1 | 33.0 | 2.8 | 3.4 | 35.3 | 2.9 | 3.6 | 43.0 | 3.2 | 3.9 | 51.1 | 3.5 | 4.3 | 57.0 | 3.7 | 4.5 | 59.6 | 3.8 | 4.6 | 68.5 | 4.1 | 4.9 |
|               |                         | 70            | 19.8 | 2.2 | 2.6 | 26.8 | 2.4 | 3.3 | 32.0 | 2.6 | 3.7 | 34.3 | 2.6 | 3.8 | 42.0 | 2.8 | 4.4 | 50.1 | 3.0 | 4.9 | 56.0 | 3.2 | 5.2 | 58.6 | 3.2 | 5.3 | 67.4 | 3.4 | 5.7 |
|               |                         | 80            | 18.9 | 1.9 | 3.0 | 25.9 | 2.1 | 3.6 | 31.1 | 2.3 | 4.0 | 33.3 | 2.4 | 4.1 | 41.1 | 2.6 | 4.6 | 49.2 | 2.9 | 5.0 | 55.1 | 3.1 | 5.3 | 57.6 | 3.1 | 5.4 | 66.3 | 3.4 | 5.8 |
| 1650          |                         | 60            | 21.7 | 2.4 | 2.7 | 28.9 | 2.7 | 3.2 | 34.1 | 2.9 | 3.5 | 36.3 | 3.0 | 3.6 | 44.0 | 3.3 | 3.9 | 52.1 | 3.6 | 4.3 | 58.0 | 3.8 | 4.5 | 60.6 | 3.9 | 4.6 | 69.7 | 4.2 | 4.9 |
|               |                         | 70            | 20.3 | 2.2 | 2.7 | 27.4 | 2.4 | 3.3 | 32.5 | 2.6 | 3.7 | 34.8 | 2.6 | 3.9 | 42.6 | 2.9 | 4.4 | 50.7 | 3.1 | 4.8 | 56.5 | 3.2 | 5.1 | 59.1 | 3.3 | 5.2 | 67.9 | 3.5 | 5.7 |
|               |                         | 80            | 19.1 | 1.8 | 3.0 | 26.2 | 2.1 | 3.7 | 31.3 | 2.3 | 4.0 | 33.6 | 2.4 | 4.2 | 41.3 | 2.6 | 4.6 | 49.4 | 2.9 | 5.0 | 55.3 | 3.1 | 5.2 | 57.9 | 3.2 | 5.3 | 66.6 | 3.4 | 5.7 |

## 5 Ton Second Stage (Boost Speed H5) Heating Matched with B6VMAX60K-C Air Handler

| Blower<br>cfm | Outdoor<br>Temperature: |               | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|---------------|-------------------------|---------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
|               |                         | Indoor<br>Tdb | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 1350          |                         | 60            | 31.5 | 2.5 | 3.7 | 35.7 | 2.6 | 4.0 | 39.0 | 2.7 | 4.3 | 40.5 | 2.7 | 4.4 | 46.0 | 2.9 | 4.7 | 53.9 | 3.1 | 5.1 | 60.1 | 3.3 | 5.3 | 62.9 | 3.4 | 5.5 | 72.5 | 3.6 | 5.9 |
|               |                         | 70            | 30.0 | 2.2 | 4.0 | 34.9 | 2.4 | 4.3 | 38.6 | 2.5 | 4.6 | 40.2 | 2.5 | 4.7 | 46.0 | 2.7 | 5.1 | 53.9 | 2.9 | 5.5 | 60.0 | 3.1 | 5.8 | 62.6 | 3.1 | 5.9 | 71.8 | 3.3 | 6.3 |
|               |                         | 80            | 28.6 | 2.0 | 4.3 | 34.1 | 2.2 | 4.6 | 38.2 | 2.3 | 4.9 | 39.9 | 2.3 | 5.0 | 45.9 | 2.5 | 5.4 | 53.9 | 2.7 | 5.9 | 59.8 | 2.8 | 6.2 | 62.4 | 2.9 | 6.3 | 71.1 | 3.1 | 6.8 |
| 1500          |                         | 60            | 32.9 | 2.5 | 3.8 | 37.0 | 2.7 | 4.1 | 40.3 | 2.8 | 4.3 | 41.8 | 2.8 | 4.4 | 47.2 | 2.9 | 4.7 | 55.1 | 3.2 | 5.0 | 61.2 | 3.4 | 5.3 | 63.9 | 3.5 | 5.4 | 73.4 | 3.7 | 5.8 |
|               |                         | 70            | 31.1 | 2.2 | 4.1 | 35.9 | 2.4 | 4.4 | 39.5 | 2.5 | 4.6 | 41.1 | 2.5 | 4.7 | 46.8 | 2.7 | 5.1 | 54.8 | 3.0 | 5.4 | 60.8 | 3.1 | 5.7 | 63.5 | 3.2 | 5.8 | 72.7 | 3.4 | 6.2 |
|               |                         | 80            | 29.2 | 2.0 | 4.4 | 34.7 | 2.2 | 4.7 | 38.7 | 2.3 | 5.0 | 40.5 | 2.3 | 5.1 | 46.5 | 2.5 | 5.4 | 54.5 | 2.7 | 5.8 | 60.5 | 2.9 | 6.1 | 63.1 | 3.0 | 6.2 | 72.0 | 3.2 | 6.6 |
| 1650          |                         | 60            | 34.3 | 2.6 | 3.9 | 38.4 | 2.7 | 4.1 | 41.6 | 2.8 | 4.3 | 43.1 | 2.9 | 4.4 | 48.4 | 3.0 | 4.7 | 56.2 | 3.3 | 5.0 | 62.3 | 3.5 | 5.2 | 65.0 | 3.6 | 5.3 | 74.4 | 3.8 | 5.7 |
|               |                         | 70            | 32.1 | 2.3 | 4.2 | 36.8 | 2.4 | 4.5 | 40.4 | 2.5 | 4.7 | 42.0 | 2.6 | 4.8 | 47.7 | 2.8 | 5.1 | 55.7 | 3.0 | 5.4 | 61.7 | 3.2 | 5.6 | 64.4 | 3.3 | 5.7 | 73.7 | 3.5 | 6.1 |
|               |                         | 80            | 29.8 | 2.0 | 4.5 | 35.3 | 2.2 | 4.8 | 39.2 | 2.3 | 5.0 | 41.0 | 2.3 | 5.1 | 47.0 | 2.5 | 5.5 | 55.1 | 2.8 | 5.8 | 61.2 | 3.0 | 6.0 | 63.8 | 3.0 | 6.2 | 72.9 | 3.3 | 6.5 |

T.C. = Total Capacity    COP = Coefficient of Performance    kW = Kilo Watts

# HEATING EXPANDED RATINGS WITH COILS (CONTINUED)

## First Stage (Low Speed H1) Heating

FT4BG024 or PSH4BG024 Heat Pump matched with C6BH-X26C-B or C6BA-F42(C,U)-B+TXV-X2.0 Coil

| Outdoor Temperature: |  |               | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|----------------------|--|---------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower<br>cfm        |  | Indoor<br>Tdb | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 450                  |  | 60            | 4.5  | 2.3 | 0.6 | 5.6  | 2.7 | 0.6 | 6.4  | 3.0 | 0.6 | 6.7  | 3.2 | 0.6 | 8.0  | 3.7 | 0.6 | 9.4  | 4.3 | 0.6 | 10.4 | 4.7 | 0.6 | 10.9 | 4.9 | 0.6 | 12.4 | 5.6 | 0.7 |
|                      |  | 70            | 4.1  | 1.9 | 0.6 | 5.2  | 2.3 | 0.7 | 6.0  | 2.6 | 0.7 | 6.3  | 2.7 | 0.7 | 7.6  | 3.1 | 0.7 | 8.9  | 3.6 | 0.7 | 9.9  | 3.9 | 0.7 | 10.3 | 4.1 | 0.7 | 11.9 | 4.6 | 0.8 |
|                      |  | 80            | 3.7  | 1.6 | 0.7 | 4.8  | 1.9 | 0.7 | 5.5  | 2.2 | 0.7 | 5.9  | 2.3 | 0.8 | 7.1  | 2.7 | 0.8 | 8.4  | 3.0 | 0.8 | 9.4  | 3.3 | 0.8 | 9.8  | 3.5 | 0.8 | 11.4 | 3.9 | 0.9 |
| 550                  |  | 60            | 4.6  | 2.3 | 0.6 | 5.7  | 2.8 | 0.6 | 6.6  | 3.1 | 0.6 | 6.9  | 3.3 | 0.6 | 8.3  | 3.9 | 0.6 | 9.7  | 4.5 | 0.6 | 10.8 | 5.0 | 0.6 | 11.3 | 5.3 | 0.6 | 13.0 | 6.1 | 0.6 |
|                      |  | 70            | 4.3  | 2.0 | 0.6 | 5.4  | 2.4 | 0.7 | 6.2  | 2.7 | 0.7 | 6.5  | 2.8 | 0.7 | 7.8  | 3.3 | 0.7 | 9.2  | 3.8 | 0.7 | 10.3 | 4.2 | 0.7 | 10.8 | 4.4 | 0.7 | 12.4 | 5.0 | 0.7 |
|                      |  | 80            | 4.0  | 1.7 | 0.7 | 5.0  | 2.0 | 0.7 | 5.7  | 2.3 | 0.7 | 6.1  | 2.4 | 0.8 | 7.3  | 2.8 | 0.8 | 8.7  | 3.2 | 0.8 | 9.8  | 3.5 | 0.8 | 10.2 | 3.7 | 0.8 | 11.9 | 4.2 | 0.8 |
| 650                  |  | 60            | 4.8  | 2.4 | 0.6 | 5.9  | 2.9 | 0.6 | 6.8  | 3.2 | 0.6 | 7.2  | 3.4 | 0.6 | 8.5  | 4.0 | 0.6 | 10.1 | 4.8 | 0.6 | 11.2 | 5.4 | 0.6 | 11.7 | 5.6 | 0.6 | 13.5 | 6.7 | 0.6 |
|                      |  | 70            | 4.5  | 2.1 | 0.6 | 5.6  | 2.5 | 0.7 | 6.4  | 2.8 | 0.7 | 6.7  | 2.9 | 0.7 | 8.1  | 3.4 | 0.7 | 9.5  | 4.0 | 0.7 | 10.7 | 4.4 | 0.7 | 11.2 | 4.7 | 0.7 | 13.0 | 5.5 | 0.7 |
|                      |  | 80            | 4.3  | 1.8 | 0.7 | 5.2  | 2.1 | 0.7 | 6.0  | 2.4 | 0.7 | 6.3  | 2.5 | 0.7 | 7.6  | 2.9 | 0.8 | 9.0  | 3.4 | 0.8 | 10.1 | 3.7 | 0.8 | 10.6 | 3.9 | 0.8 | 12.4 | 4.6 | 0.8 |

## Second Stage (Nominal High Speed H4) Heating

FT4BG024 or PSH4BG024 Heat Pump matched with C6BH-X26C-B or C6BA-F42(C,U)-B+TXV-X2.0 Coil

| Outdoor Temperature: |  |               | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|----------------------|--|---------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower<br>cfm        |  | Indoor<br>Tdb | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 700                  |  | 60            | 10.1 | 2.2 | 1.4 | 12.4 | 2.6 | 1.4 | 14.1 | 2.8 | 1.4 | 14.8 | 3.0 | 1.5 | 17.3 | 3.3 | 1.5 | 20.0 | 3.7 | 1.6 | 22.0 | 4.0 | 1.6 | 22.8 | 4.1 | 1.6 | 25.8 | 4.5 | 1.7 |
|                      |  | 70            | 9.8  | 2.0 | 1.5 | 12.0 | 2.3 | 1.5 | 13.6 | 2.5 | 1.6 | 14.3 | 2.6 | 1.6 | 16.8 | 2.9 | 1.7 | 19.4 | 3.3 | 1.7 | 21.3 | 3.5 | 1.8 | 22.1 | 3.6 | 1.8 | 25.0 | 3.9 | 1.9 |
|                      |  | 80            | 9.5  | 1.8 | 1.5 | 11.6 | 2.1 | 1.6 | 13.2 | 2.3 | 1.7 | 13.9 | 2.3 | 1.7 | 16.2 | 2.6 | 1.8 | 18.7 | 2.9 | 1.9 | 20.6 | 3.0 | 2.0 | 21.4 | 3.1 | 2.0 | 24.1 | 3.4 | 2.1 |
| 800                  |  | 60            | 10.6 | 2.3 | 1.4 | 13.0 | 2.7 | 1.4 | 14.8 | 3.0 | 1.4 | 15.6 | 3.1 | 1.5 | 18.3 | 3.5 | 1.5 | 21.1 | 4.0 | 1.6 | 23.2 | 4.3 | 1.6 | 24.1 | 4.4 | 1.6 | 27.3 | 4.9 | 1.6 |
|                      |  | 70            | 9.9  | 2.0 | 1.5 | 12.3 | 2.3 | 1.5 | 14.1 | 2.6 | 1.6 | 14.8 | 2.7 | 1.6 | 17.4 | 3.1 | 1.7 | 20.2 | 3.4 | 1.7 | 22.2 | 3.7 | 1.8 | 23.1 | 3.8 | 1.8 | 26.1 | 4.2 | 1.8 |
|                      |  | 80            | 9.7  | 1.8 | 1.6 | 11.9 | 2.1 | 1.6 | 13.5 | 2.3 | 1.7 | 14.2 | 2.4 | 1.7 | 16.6 | 2.7 | 1.8 | 19.2 | 3.0 | 1.9 | 21.1 | 3.2 | 2.0 | 21.9 | 3.3 | 2.0 | 24.8 | 3.5 | 2.0 |
| 900                  |  | 60            | 10.8 | 2.3 | 1.4 | 13.3 | 2.7 | 1.4 | 15.1 | 3.1 | 1.4 | 15.9 | 3.2 | 1.5 | 18.7 | 3.6 | 1.5 | 21.6 | 4.1 | 1.5 | 23.7 | 4.5 | 1.6 | 24.6 | 4.6 | 1.6 | 27.9 | 5.1 | 1.6 |
|                      |  | 70            | 10.5 | 2.1 | 1.5 | 12.9 | 2.5 | 1.5 | 14.6 | 2.7 | 1.6 | 15.4 | 2.8 | 1.6 | 18.1 | 3.2 | 1.7 | 20.9 | 3.6 | 1.7 | 23.0 | 3.9 | 1.7 | 23.9 | 4.0 | 1.8 | 27.1 | 4.4 | 1.8 |
|                      |  | 80            | 9.9  | 1.8 | 1.6 | 12.1 | 2.1 | 1.7 | 13.8 | 2.4 | 1.7 | 14.5 | 2.5 | 1.7 | 17.0 | 2.8 | 1.8 | 19.7 | 3.1 | 1.9 | 21.6 | 3.3 | 1.9 | 22.5 | 3.4 | 1.9 | 25.4 | 3.7 | 2.0 |

## Second Stage (Boost Speed H5) Heating

FT4BG024 or PSH4BG024 Heat Pump matched with C6BH-X26C-B or C6BA-F42(C,U)-B+TXV-X2.0 Coil

| Outdoor Temperature: |  |               | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|----------------------|--|---------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower<br>cfm        |  | Indoor<br>Tdb | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 700                  |  | 60            | 11.4 | 2.0 | 1.6 | 14.1 | 2.4 | 1.7 | 16.1 | 2.6 | 1.8 | 17.0 | 2.7 | 1.8 | 19.9 | 3.0 | 1.9 | 22.9 | 3.3 | 2.0 | 25.0 | 3.6 | 2.1 | 26.0 | 3.6 | 2.1 | 29.2 | 3.9 | 2.2 |
|                      |  | 70            | 11.1 | 1.8 | 1.8 | 13.7 | 2.1 | 1.9 | 15.6 | 2.3 | 2.0 | 16.4 | 2.4 | 2.0 | 19.2 | 2.7 | 2.1 | 22.1 | 3.0 | 2.2 | 24.2 | 3.1 | 2.3 | 25.1 | 3.2 | 2.3 | 28.2 | 3.4 | 2.4 |
|                      |  | 80            | 10.7 | 1.7 | 1.9 | 13.2 | 1.9 | 2.0 | 15.1 | 2.1 | 2.1 | 15.9 | 2.2 | 2.1 | 18.6 | 2.4 | 2.3 | 21.4 | 2.6 | 2.4 | 23.4 | 2.8 | 2.5 | 24.3 | 2.8 | 2.5 | 27.2 | 3.0 | 2.6 |
| 800                  |  | 60            | 11.7 | 2.1 | 1.7 | 14.4 | 2.4 | 1.7 | 16.4 | 2.7 | 1.8 | 17.3 | 2.8 | 1.8 | 20.3 | 3.1 | 1.9 | 23.4 | 3.5 | 2.0 | 25.6 | 3.7 | 2.0 | 26.6 | 3.8 | 2.0 | 29.9 | 4.2 | 2.1 |
|                      |  | 70            | 11.5 | 1.9 | 1.8 | 14.1 | 2.2 | 1.9 | 16.0 | 2.4 | 1.9 | 16.8 | 2.5 | 2.0 | 19.7 | 2.8 | 2.1 | 22.7 | 3.1 | 2.2 | 24.8 | 3.3 | 2.2 | 25.8 | 3.4 | 2.2 | 29.1 | 3.7 | 2.3 |
|                      |  | 80            | 11.3 | 1.7 | 1.9 | 13.7 | 2.0 | 2.0 | 15.5 | 2.2 | 2.1 | 16.3 | 2.2 | 2.1 | 19.0 | 2.5 | 2.2 | 21.9 | 2.7 | 2.4 | 24.1 | 2.9 | 2.4 | 25.0 | 3.0 | 2.5 | 28.3 | 3.2 | 2.6 |
| 900                  |  | 60            | 11.9 | 2.1 | 1.7 | 14.7 | 2.5 | 1.7 | 16.7 | 2.8 | 1.8 | 17.6 | 2.9 | 1.8 | 20.7 | 3.2 | 1.9 | 23.9 | 3.6 | 1.9 | 26.2 | 3.9 | 2.0 | 27.2 | 4.0 | 2.0 | 30.6 | 4.4 | 2.0 |
|                      |  | 70            | 11.9 | 1.9 | 1.8 | 14.4 | 2.2 | 1.9 | 16.3 | 2.5 | 1.9 | 17.2 | 2.6 | 2.0 | 20.1 | 2.9 | 2.0 | 23.2 | 3.2 | 2.1 | 25.5 | 3.5 | 2.2 | 26.5 | 3.6 | 2.2 | 30.0 | 3.9 | 2.3 |
|                      |  | 80            | 11.9 | 1.8 | 2.0 | 14.2 | 2.0 | 2.0 | 15.9 | 2.2 | 2.1 | 16.7 | 2.3 | 2.1 | 19.5 | 2.6 | 2.2 | 22.5 | 2.9 | 2.3 | 24.8 | 3.1 | 2.4 | 25.8 | 3.2 | 2.4 | 29.3 | 3.5 | 2.5 |

# HEATING EXPANDED RATINGS WITH COILS (CONTINUED)

## First Stage (Low Speed H1) Heating

FT4BG036 or PSH4BG036 Heat Pump matched with C6BH-X36C-C or C6BA-F48(C,U)-C+TXV-X3.0 Coil

| Outdoor Temperature: |  |               | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|----------------------|--|---------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower<br>cfm        |  | Indoor<br>Tdb | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 700                  |  | 60            | 7.4  | 2.6 | 0.8 | 9.1  | 3.1 | 0.9 | 10.4 | 3.4 | 0.9 | 11.0 | 3.6 | 0.9 | 13.0 | 4.1 | 0.9 | 15.3 | 4.8 | 0.9 | 16.9 | 5.2 | 0.9 | 17.7 | 5.5 | 1.0 | 20.3 | 6.2 | 1.0 |
|                      |  | 70            | 6.5  | 2.1 | 0.9 | 8.4  | 2.6 | 1.0 | 9.8  | 2.9 | 1.0 | 10.4 | 3.1 | 1.0 | 12.5 | 3.6 | 1.0 | 14.7 | 4.1 | 1.1 | 16.3 | 4.5 | 1.1 | 16.9 | 4.6 | 1.1 | 19.2 | 5.2 | 1.1 |
|                      |  | 80            | 6.3  | 1.9 | 1.0 | 8.1  | 2.3 | 1.0 | 9.3  | 2.5 | 1.1 | 9.9  | 2.6 | 1.1 | 11.9 | 3.0 | 1.1 | 14.0 | 3.5 | 1.2 | 15.6 | 3.8 | 1.2 | 16.2 | 3.9 | 1.2 | 18.6 | 4.4 | 1.2 |
| 800                  |  | 60            | 7.5  | 2.6 | 0.8 | 9.2  | 3.1 | 0.9 | 10.6 | 3.4 | 0.9 | 11.1 | 3.6 | 0.9 | 13.2 | 4.2 | 0.9 | 15.5 | 4.9 | 0.9 | 17.2 | 5.4 | 0.9 | 18.0 | 5.6 | 0.9 | 20.6 | 6.5 | 0.9 |
|                      |  | 70            | 6.7  | 2.1 | 0.9 | 8.6  | 2.6 | 1.0 | 10.0 | 2.9 | 1.0 | 10.6 | 3.1 | 1.0 | 12.7 | 3.6 | 1.0 | 14.9 | 4.1 | 1.1 | 16.5 | 4.6 | 1.1 | 17.3 | 4.8 | 1.1 | 19.7 | 5.4 | 1.1 |
|                      |  | 80            | 6.5  | 1.9 | 1.0 | 8.3  | 2.3 | 1.1 | 9.6  | 2.6 | 1.1 | 10.1 | 2.7 | 1.1 | 12.1 | 3.1 | 1.1 | 14.3 | 3.6 | 1.2 | 15.9 | 3.9 | 1.2 | 16.6 | 4.0 | 1.2 | 19.0 | 4.6 | 1.2 |
| 900                  |  | 60            | 7.7  | 2.6 | 0.9 | 9.4  | 3.1 | 0.9 | 10.7 | 3.5 | 0.9 | 11.3 | 3.6 | 0.9 | 13.5 | 4.3 | 0.9 | 15.8 | 4.9 | 0.9 | 17.5 | 5.5 | 0.9 | 18.3 | 5.8 | 0.9 | 21.0 | 6.7 | 0.9 |
|                      |  | 70            | 7.1  | 2.2 | 0.9 | 8.9  | 2.7 | 1.0 | 10.2 | 3.0 | 1.0 | 10.8 | 3.1 | 1.0 | 12.9 | 3.6 | 1.0 | 15.1 | 4.2 | 1.1 | 16.8 | 4.6 | 1.1 | 17.5 | 4.8 | 1.1 | 20.1 | 5.6 | 1.1 |
|                      |  | 80            | 6.7  | 1.9 | 1.0 | 8.5  | 2.3 | 1.1 | 9.8  | 2.6 | 1.1 | 10.3 | 2.7 | 1.1 | 12.4 | 3.2 | 1.1 | 14.6 | 3.6 | 1.2 | 16.2 | 4.0 | 1.2 | 17.0 | 4.2 | 1.2 | 19.5 | 4.8 | 1.2 |

## Second Stage (Nominal High Speed H4) Heating

FT4BG036 or PSH4BG036 Heat Pump matched with C6BH-X36C-C or C6BA-F48(C,U)-C+TXV-X3.0 Coil

| Outdoor Temperature: |  |               | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|----------------------|--|---------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower<br>cfm        |  | Indoor<br>Tdb | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 1050                 |  | 60            | 17.5 | 2.5 | 2.0 | 19.6 | 2.7 | 2.1 | 21.6 | 2.9 | 2.2 | 22.5 | 2.9 | 2.2 | 26.1 | 3.3 | 2.3 | 30.2 | 3.6 | 2.4 | 33.4 | 3.9 | 2.5 | 34.8 | 4.1 | 2.5 | 40.0 | 4.5 | 2.6 |
|                      |  | 70            | 16.2 | 2.2 | 2.2 | 18.8 | 2.4 | 2.3 | 20.9 | 2.6 | 2.4 | 21.8 | 2.6 | 2.4 | 25.4 | 2.9 | 2.5 | 29.4 | 3.2 | 2.7 | 32.5 | 3.5 | 2.7 | 33.9 | 3.6 | 2.8 | 38.9 | 4.0 | 2.9 |
|                      |  | 80            | 14.8 | 1.9 | 2.3 | 18.0 | 2.1 | 2.5 | 20.4 | 2.3 | 2.6 | 21.5 | 2.4 | 2.6 | 25.2 | 2.7 | 2.8 | 29.1 | 2.9 | 2.9 | 32.0 | 3.1 | 3.0 | 33.3 | 3.2 | 3.0 | 37.7 | 3.5 | 3.2 |
| 1200                 |  | 60            | 17.9 | 2.5 | 2.1 | 20.5 | 2.7 | 2.2 | 22.6 | 2.9 | 2.3 | 23.6 | 3.0 | 2.3 | 27.4 | 3.4 | 2.4 | 31.8 | 3.8 | 2.4 | 35.3 | 4.2 | 2.5 | 36.8 | 4.3 | 2.5 | 42.4 | 4.8 | 2.6 |
|                      |  | 70            | 16.2 | 2.2 | 2.2 | 19.2 | 2.4 | 2.3 | 21.8 | 2.6 | 2.4 | 22.7 | 2.7 | 2.5 | 26.6 | 3.0 | 2.6 | 30.9 | 3.4 | 2.7 | 34.2 | 3.7 | 2.7 | 35.7 | 3.8 | 2.8 | 40.9 | 4.2 | 2.8 |
|                      |  | 80            | 15.2 | 1.9 | 2.4 | 18.4 | 2.1 | 2.5 | 20.8 | 2.3 | 2.6 | 21.8 | 2.4 | 2.7 | 25.6 | 2.7 | 2.8 | 29.6 | 3.0 | 2.9 | 32.6 | 3.2 | 3.0 | 33.9 | 3.3 | 3.0 | 38.5 | 3.6 | 3.1 |
| 1350                 |  | 60            | 18.3 | 2.5 | 2.1 | 20.8 | 2.7 | 2.2 | 22.9 | 2.9 | 2.3 | 23.9 | 3.0 | 2.3 | 27.7 | 3.4 | 2.4 | 32.2 | 3.8 | 2.5 | 35.8 | 4.2 | 2.5 | 37.4 | 4.4 | 2.5 | 43.2 | 5.0 | 2.6 |
|                      |  | 70            | 16.9 | 2.2 | 2.3 | 19.9 | 2.4 | 2.4 | 22.3 | 2.6 | 2.5 | 23.4 | 2.7 | 2.5 | 27.4 | 3.1 | 2.6 | 31.8 | 3.5 | 2.7 | 35.2 | 3.8 | 2.7 | 36.7 | 3.9 | 2.8 | 42.0 | 4.3 | 2.8 |
|                      |  | 80            | 15.7 | 1.9 | 2.4 | 18.8 | 2.1 | 2.6 | 21.2 | 2.3 | 2.7 | 22.2 | 2.4 | 2.7 | 26.0 | 2.7 | 2.8 | 30.0 | 3.0 | 2.9 | 33.1 | 3.2 | 3.0 | 34.4 | 3.3 | 3.0 | 39.2 | 3.7 | 3.1 |

## Second Stage (Boost Speed H5) Heating

FT4BG036 or PSH4BG036 Heat Pump matched with C6BH-X36C-C or C6BA-F48(C,U)-C+TXV-X3.0 Coil

| Outdoor Temperature: |  |               | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|----------------------|--|---------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower<br>cfm        |  | Indoor<br>Tdb | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 1050                 |  | 60            | 19.6 | 2.4 | 2.4 | 21.4 | 2.5 | 2.5 | 24.5 | 2.8 | 2.6 | 25.9 | 2.9 | 2.6 | 30.4 | 3.2 | 2.7 | 34.9 | 3.6 | 2.9 | 38.1 | 3.8 | 3.0 | 39.5 | 3.9 | 3.0 | 44.1 | 4.1 | 3.1 |
|                      |  | 70            | 18.2 | 2.1 | 2.5 | 21.1 | 2.3 | 2.7 | 23.4 | 2.5 | 2.8 | 24.5 | 2.6 | 2.8 | 28.5 | 2.8 | 3.0 | 32.9 | 3.1 | 3.1 | 36.3 | 3.3 | 3.2 | 37.9 | 3.4 | 3.3 | 43.3 | 3.7 | 3.4 |
|                      |  | 80            | 17.2 | 1.9 | 2.7 | 20.5 | 2.1 | 2.9 | 22.9 | 2.2 | 3.0 | 24.0 | 2.3 | 3.0 | 27.9 | 2.5 | 3.2 | 32.2 | 2.8 | 3.4 | 35.5 | 2.9 | 3.5 | 36.9 | 3.0 | 3.6 | 42.0 | 3.3 | 3.8 |
| 1200                 |  | 60            | 20.1 | 2.4 | 2.4 | 22.0 | 2.5 | 2.5 | 25.1 | 2.8 | 2.6 | 26.4 | 2.9 | 2.6 | 30.9 | 3.3 | 2.8 | 35.5 | 3.6 | 2.9 | 38.8 | 3.9 | 2.9 | 40.2 | 4.0 | 3.0 | 45.0 | 4.3 | 3.1 |
|                      |  | 70            | 18.8 | 2.2 | 2.5 | 21.7 | 2.4 | 2.7 | 24.0 | 2.5 | 2.8 | 25.1 | 2.6 | 2.8 | 29.0 | 2.9 | 3.0 | 33.5 | 3.2 | 3.1 | 36.9 | 3.4 | 3.2 | 38.5 | 3.5 | 3.2 | 43.9 | 3.8 | 3.3 |
|                      |  | 80            | 17.5 | 1.9 | 2.7 | 20.8 | 2.1 | 2.9 | 23.4 | 2.3 | 3.0 | 24.5 | 2.3 | 3.1 | 28.5 | 2.6 | 3.2 | 32.9 | 2.8 | 3.4 | 36.2 | 3.0 | 3.5 | 37.7 | 3.1 | 3.6 | 42.9 | 3.4 | 3.7 |
| 1350                 |  | 60            | 20.4 | 2.4 | 2.5 | 22.6 | 2.6 | 2.6 | 25.7 | 2.8 | 2.6 | 27.0 | 3.0 | 2.7 | 31.4 | 3.3 | 2.8 | 36.1 | 3.7 | 2.9 | 39.4 | 4.0 | 2.9 | 40.9 | 4.1 | 2.9 | 45.8 | 4.4 | 3.0 |
|                      |  | 70            | 19.1 | 2.2 | 2.6 | 21.9 | 2.3 | 2.7 | 24.4 | 2.5 | 2.8 | 25.5 | 2.6 | 2.9 | 29.6 | 2.9 | 3.0 | 34.1 | 3.2 | 3.1 | 37.6 | 3.4 | 3.2 | 39.2 | 3.5 | 3.2 | 44.7 | 3.9 | 3.4 |
|                      |  | 80            | 17.7 | 1.9 | 2.8 | 21.2 | 2.1 | 2.9 | 23.8 | 2.3 | 3.0 | 25.0 | 2.4 | 3.1 | 29.2 | 2.6 | 3.2 | 33.7 | 2.9 | 3.4 | 37.0 | 3.1 | 3.5 | 38.5 | 3.2 | 3.5 | 43.7 | 3.5 | 3.7 |

# HEATING EXPANDED RATINGS WITH COILS (CONTINUED)

## First Stage (Low Speed H1) Heating

FT4BG048 or PSH4BG048 Heat Pump matched with C6BH-X48C-C or C6BA-F60(C,U)-C+TXV-X4.0 Coil

| Outdoor Temperature: |  |               | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|----------------------|--|---------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower<br>cfm        |  | Indoor<br>Tdb | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 750                  |  | 60            | 7.8  | 2.7 | 0.8 | 9.3  | 3.0 | 0.9 | 10.4 | 3.3 | 0.9 | 10.9 | 3.4 | 0.9 | 12.6 | 3.8 | 1.0 | 14.5 | 4.3 | 1.0 | 15.9 | 4.6 | 1.0 | 16.6 | 4.7 | 1.0 | 18.8 | 5.3 | 1.0 |
|                      |  | 70            | 6.7  | 2.2 | 0.9 | 8.3  | 2.5 | 1.0 | 9.5  | 2.8 | 1.0 | 10.0 | 2.9 | 1.0 | 11.8 | 3.2 | 1.1 | 13.7 | 3.6 | 1.1 | 15.1 | 3.8 | 1.2 | 15.8 | 4.0 | 1.2 | 17.9 | 4.4 | 1.2 |
|                      |  | 80            | 5.6  | 1.7 | 1.0 | 7.4  | 2.1 | 1.0 | 8.6  | 2.3 | 1.1 | 9.2  | 2.4 | 1.1 | 11.0 | 2.7 | 1.2 | 13.0 | 3.0 | 1.3 | 14.3 | 3.3 | 1.3 | 15.0 | 3.4 | 1.3 | 17.0 | 3.7 | 1.4 |
| 900                  |  | 60            | 8.0  | 2.7 | 0.9 | 9.4  | 3.0 | 0.9 | 10.5 | 3.3 | 0.9 | 11.0 | 3.4 | 0.9 | 12.8 | 3.9 | 1.0 | 14.8 | 4.4 | 1.0 | 16.3 | 4.8 | 1.0 | 17.0 | 4.9 | 1.0 | 19.4 | 5.6 | 1.0 |
|                      |  | 70            | 7.0  | 2.2 | 0.9 | 8.6  | 2.6 | 1.0 | 9.8  | 2.8 | 1.0 | 10.3 | 2.9 | 1.0 | 12.1 | 3.3 | 1.1 | 14.1 | 3.7 | 1.1 | 15.6 | 4.0 | 1.1 | 16.2 | 4.1 | 1.1 | 18.5 | 4.6 | 1.2 |
|                      |  | 80            | 6.1  | 1.8 | 1.0 | 7.8  | 2.1 | 1.1 | 9.0  | 2.4 | 1.1 | 9.6  | 2.5 | 1.1 | 11.4 | 2.8 | 1.2 | 13.4 | 3.1 | 1.2 | 14.8 | 3.4 | 1.3 | 15.4 | 3.5 | 1.3 | 17.6 | 3.9 | 1.3 |
| 1050                 |  | 60            | 8.2  | 2.7 | 0.9 | 9.6  | 3.0 | 0.9 | 10.7 | 3.3 | 0.9 | 11.2 | 3.4 | 1.0 | 13.0 | 3.9 | 1.0 | 15.1 | 4.5 | 1.0 | 16.7 | 4.9 | 1.0 | 17.4 | 5.1 | 1.0 | 20.0 | 5.9 | 1.0 |
|                      |  | 70            | 7.4  | 2.3 | 1.0 | 8.9  | 2.6 | 1.0 | 10.0 | 2.8 | 1.0 | 10.6 | 2.9 | 1.1 | 12.4 | 3.4 | 1.1 | 14.5 | 3.8 | 1.1 | 16.0 | 4.1 | 1.1 | 16.7 | 4.3 | 1.1 | 19.1 | 4.9 | 1.1 |
|                      |  | 80            | 6.6  | 1.9 | 1.0 | 8.2  | 2.2 | 1.1 | 9.4  | 2.4 | 1.1 | 10.0 | 2.5 | 1.2 | 11.8 | 2.9 | 1.2 | 13.8 | 3.3 | 1.2 | 15.3 | 3.5 | 1.3 | 15.9 | 3.7 | 1.3 | 18.1 | 4.1 | 1.3 |

## Second Stage (Nominal High Speed H4) Heating

FT4BG048 or PSH4BG048 Heat Pump matched with C6BH-X48C-C or C6BA-F60(C,U)-C+TXV-X4.0 Coil

| Outdoor Temperature: |  |               | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|----------------------|--|---------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower<br>cfm        |  | Indoor<br>Tdb | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 1200                 |  | 60            | 19.9 | 2.2 | 2.6 | 24.6 | 2.6 | 2.8 | 28.1 | 2.8 | 3.0 | 29.7 | 2.9 | 3.0 | 35.0 | 3.2 | 3.2 | 40.6 | 3.4 | 3.5 | 44.7 | 3.6 | 3.6 | 46.5 | 3.7 | 3.7 | 52.6 | 3.9 | 3.9 |
|                      |  | 70            | 18.9 | 2.0 | 2.8 | 23.7 | 2.3 | 3.0 | 27.2 | 2.5 | 3.2 | 28.8 | 2.6 | 3.3 | 34.1 | 2.9 | 3.5 | 39.6 | 3.1 | 3.7 | 43.6 | 3.3 | 3.9 | 45.4 | 3.3 | 4.0 | 51.4 | 3.5 | 4.3 |
|                      |  | 80            | 18.0 | 1.7 | 3.0 | 22.8 | 2.1 | 3.3 | 26.4 | 2.3 | 3.4 | 27.9 | 2.3 | 3.5 | 33.2 | 2.6 | 3.8 | 38.6 | 2.8 | 4.0 | 42.6 | 3.0 | 4.2 | 44.3 | 3.0 | 4.3 | 50.2 | 3.2 | 4.6 |
| 1350                 |  | 60            | 20.4 | 2.3 | 2.6 | 25.1 | 2.6 | 2.8 | 28.6 | 2.8 | 3.0 | 30.1 | 2.9 | 3.0 | 35.5 | 3.2 | 3.2 | 41.1 | 3.5 | 3.4 | 45.3 | 3.7 | 3.6 | 47.1 | 3.8 | 3.6 | 53.4 | 4.1 | 3.9 |
|                      |  | 70            | 19.3 | 2.0 | 2.8 | 24.2 | 2.3 | 3.1 | 28.0 | 2.6 | 3.2 | 29.2 | 2.6 | 3.3 | 34.6 | 2.9 | 3.5 | 40.2 | 3.2 | 3.7 | 44.2 | 3.3 | 3.9 | 46.0 | 3.4 | 4.0 | 52.0 | 3.6 | 4.2 |
|                      |  | 80            | 18.4 | 1.8 | 3.1 | 23.3 | 2.1 | 3.3 | 26.9 | 2.3 | 3.5 | 28.4 | 2.4 | 3.5 | 33.7 | 2.6 | 3.8 | 39.2 | 2.9 | 4.0 | 43.2 | 3.0 | 4.2 | 44.9 | 3.1 | 4.3 | 50.8 | 3.3 | 4.5 |
| 1500                 |  | 60            | 20.9 | 2.3 | 2.7 | 25.6 | 2.6 | 2.9 | 29.1 | 2.8 | 3.0 | 30.6 | 2.9 | 3.0 | 36.0 | 3.3 | 3.2 | 41.7 | 3.6 | 3.4 | 45.9 | 3.8 | 3.5 | 47.7 | 3.9 | 3.6 | 54.1 | 4.2 | 3.8 |
|                      |  | 70            | 19.8 | 2.0 | 2.9 | 24.7 | 2.3 | 3.1 | 28.2 | 2.6 | 3.2 | 29.8 | 2.6 | 3.3 | 35.2 | 2.9 | 3.5 | 40.8 | 3.2 | 3.7 | 44.8 | 3.4 | 3.9 | 46.6 | 3.5 | 3.9 | 52.7 | 3.7 | 4.1 |
|                      |  | 80            | 18.8 | 1.8 | 3.1 | 23.8 | 2.1 | 3.3 | 27.4 | 2.3 | 3.5 | 29.0 | 2.4 | 3.5 | 34.3 | 2.7 | 3.8 | 39.8 | 2.9 | 4.0 | 43.8 | 3.1 | 4.2 | 45.5 | 3.2 | 4.2 | 51.4 | 3.4 | 4.5 |

## Second Stage (Boost Speed H5) Heating

FT4BG048 or PSH4BG048 Heat Pump matched with C6BH-X48C-C or C6BA-F60(C,U)-C+TXV-X4.0 Coil

| Outdoor Temperature: |  |               | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|----------------------|--|---------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower<br>cfm        |  | Indoor<br>Tdb | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 1200                 |  | 60            | 25.4 | 2.3 | 3.2 | 31.4 | 2.6 | 3.6 | 35.7 | 2.8 | 3.8 | 37.5 | 2.8 | 3.9 | 43.5 | 3.0 | 4.2 | 49.5 | 3.2 | 4.6 | 53.7 | 3.3 | 4.8 | 55.5 | 3.3 | 4.9 | 61.5 | 3.4 | 5.3 |
|                      |  | 70            | 24.0 | 1.9 | 3.7 | 30.4 | 2.3 | 3.8 | 34.8 | 2.6 | 3.9 | 36.6 | 2.7 | 4.0 | 42.5 | 2.9 | 4.3 | 48.1 | 3.1 | 4.6 | 51.8 | 3.1 | 4.9 | 53.4 | 3.1 | 5.0 | 58.4 | 3.1 | 5.5 |
|                      |  | 80            | 22.6 | 1.5 | 4.2 | 29.4 | 2.2 | 4.0 | 33.9 | 2.5 | 4.1 | 35.8 | 2.6 | 4.1 | 41.5 | 2.9 | 4.3 | 46.7 | 3.1 | 4.6 | 50.0 | 3.1 | 4.9 | 51.3 | 3.0 | 5.1 | 55.3 | 2.8 | 5.7 |
| 1350                 |  | 60            | 25.8 | 2.3 | 3.3 | 31.9 | 2.6 | 3.6 | 36.2 | 2.8 | 3.8 | 38.0 | 2.9 | 3.9 | 44.1 | 3.1 | 4.2 | 50.3 | 3.3 | 4.5 | 54.5 | 3.4 | 4.7 | 56.4 | 3.4 | 4.8 | 62.5 | 3.6 | 5.1 |
|                      |  | 70            | 24.6 | 2.0 | 3.6 | 31.0 | 2.4 | 3.8 | 35.3 | 2.6 | 4.0 | 37.1 | 2.7 | 4.1 | 43.1 | 2.9 | 4.4 | 48.8 | 3.0 | 4.7 | 52.8 | 3.1 | 4.9 | 54.4 | 3.2 | 5.0 | 59.8 | 3.3 | 5.4 |
|                      |  | 80            | 23.4 | 1.8 | 3.9 | 30.0 | 2.2 | 4.1 | 34.4 | 2.4 | 4.2 | 36.2 | 2.5 | 4.3 | 42.0 | 2.7 | 4.6 | 47.4 | 2.9 | 4.9 | 51.0 | 3.0 | 5.1 | 52.4 | 3.0 | 5.2 | 57.1 | 3.0 | 5.6 |
| 1500                 |  | 60            | 26.2 | 2.3 | 3.3 | 32.4 | 2.6 | 3.6 | 36.8 | 2.8 | 3.8 | 38.6 | 2.9 | 3.9 | 44.8 | 3.2 | 4.1 | 51.0 | 3.4 | 4.4 | 55.4 | 3.5 | 4.6 | 57.2 | 3.6 | 4.7 | 63.4 | 3.7 | 5.0 |
|                      |  | 70            | 25.3 | 2.1 | 3.5 | 31.5 | 2.4 | 3.9 | 35.8 | 2.6 | 4.1 | 37.6 | 2.6 | 4.2 | 43.6 | 2.8 | 4.5 | 49.6 | 3.0 | 4.8 | 53.7 | 3.2 | 5.0 | 55.4 | 3.2 | 5.0 | 61.1 | 3.4 | 5.2 |
|                      |  | 80            | 24.1 | 2.0 | 3.6 | 30.3 | 2.2 | 4.1 | 34.6 | 2.3 | 4.4 | 36.4 | 2.4 | 4.6 | 42.2 | 2.6 | 4.9 | 47.9 | 2.7 | 5.2 | 51.7 | 2.9 | 5.3 | 53.3 | 2.9 | 5.4 | 58.6 | 3.2 | 5.5 |

# HEATING EXPANDED RATINGS WITH COILS (CONTINUED)

## First Stage (Low Speed H1) Heating

FT4BG060 or PSH4BG060 Heat Pump matched with C6BH-X60C-D or C6BA-F60(C,U)-D+TXV-X5.0 Coil

| Outdoor Temperature: |  |               | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|----------------------|--|---------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower<br>cfm        |  | Indoor<br>Tdb | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 850                  |  | 60            | 6.4  | 2.5 | 0.7 | 7.8  | 2.9 | 0.8 | 8.8  | 3.2 | 0.8 | 9.3  | 3.4 | 0.8 | 10.9 | 3.9 | 0.8 | 12.6 | 4.4 | 0.8 | 13.9 | 4.8 | 0.8 | 14.4 | 5.0 | 0.8 | 16.4 | 5.6 | 0.8 |
|                      |  | 70            | 6.0  | 2.2 | 0.8 | 7.2  | 2.5 | 0.8 | 8.2  | 2.7 | 0.9 | 8.6  | 2.8 | 0.9 | 10.1 | 3.2 | 0.9 | 11.7 | 3.6 | 0.9 | 12.9 | 4.0 | 1.0 | 13.5 | 4.1 | 1.0 | 15.4 | 4.6 | 1.0 |
|                      |  | 80            | 5.6  | 1.9 | 0.9 | 6.7  | 2.1 | 0.9 | 7.5  | 2.3 | 1.0 | 7.9  | 2.4 | 1.0 | 9.3  | 2.7 | 1.0 | 10.8 | 3.0 | 1.0 | 12.0 | 3.3 | 1.1 | 12.5 | 3.4 | 1.1 | 14.3 | 3.9 | 1.1 |
| 1000                 |  | 60            | 6.8  | 2.5 | 0.8 | 8.0  | 2.9 | 0.8 | 8.9  | 3.2 | 0.8 | 9.4  | 3.3 | 0.8 | 10.9 | 3.8 | 0.8 | 12.6 | 4.3 | 0.9 | 13.9 | 4.8 | 0.9 | 14.5 | 5.0 | 0.9 | 16.6 | 5.7 | 0.9 |
|                      |  | 70            | 6.4  | 2.2 | 0.9 | 7.5  | 2.5 | 0.9 | 8.4  | 2.7 | 0.9 | 8.8  | 2.8 | 0.9 | 10.2 | 3.2 | 0.9 | 11.9 | 3.6 | 1.0 | 13.1 | 4.0 | 1.0 | 13.7 | 4.1 | 1.0 | 15.7 | 4.7 | 1.0 |
|                      |  | 80            | 6.0  | 1.9 | 0.9 | 7.0  | 2.2 | 1.0 | 7.8  | 2.3 | 1.0 | 8.2  | 2.4 | 1.0 | 9.6  | 2.7 | 1.0 | 11.1 | 3.1 | 1.1 | 12.3 | 3.3 | 1.1 | 12.8 | 3.5 | 1.1 | 14.7 | 3.9 | 1.1 |
| 1150                 |  | 60            | 7.2  | 2.6 | 0.8 | 8.2  | 2.8 | 0.8 | 9.1  | 3.1 | 0.9 | 9.5  | 3.2 | 0.9 | 10.9 | 3.7 | 0.9 | 12.7 | 4.3 | 0.9 | 14.0 | 4.7 | 0.9 | 14.7 | 4.9 | 0.9 | 16.9 | 5.7 | 0.9 |
|                      |  | 70            | 6.8  | 2.2 | 0.9 | 7.8  | 2.5 | 0.9 | 8.6  | 2.7 | 0.9 | 9.0  | 2.8 | 0.9 | 10.4 | 3.2 | 1.0 | 12.1 | 3.6 | 1.0 | 13.3 | 4.0 | 1.0 | 13.9 | 4.1 | 1.0 | 16.0 | 4.7 | 1.0 |
|                      |  | 80            | 6.4  | 1.9 | 1.0 | 7.4  | 2.2 | 1.0 | 8.2  | 2.4 | 1.0 | 8.6  | 2.4 | 1.0 | 9.9  | 2.8 | 1.1 | 11.5 | 3.1 | 1.1 | 12.7 | 3.4 | 1.1 | 13.2 | 3.5 | 1.1 | 15.1 | 3.9 | 1.1 |

## Second Stage (Nominal High Speed H4) Heating

FT4BG060 or PSH4BG060 Heat Pump matched with C6BH-X60C-D or C6BA-F60(C,U)-D+TXV-X5.0 Coil

| Outdoor Temperature: |  |               | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|----------------------|--|---------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower<br>cfm        |  | Indoor<br>Tdb | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 1350                 |  | 60            | 22.0 | 2.0 | 3.3 | 29.3 | 2.4 | 3.5 | 34.4 | 2.7 | 3.7 | 36.6 | 2.8 | 3.8 | 44.0 | 3.2 | 4.1 | 51.3 | 3.5 | 4.3 | 56.4 | 3.6 | 4.5 | 58.6 | 3.7 | 4.6 | 66.0 | 3.9 | 4.9 |
|                      |  | 70            | 21.2 | 1.9 | 3.3 | 28.5 | 2.3 | 3.7 | 33.7 | 2.5 | 4.0 | 35.9 | 2.6 | 4.1 | 43.2 | 2.8 | 4.5 | 50.5 | 3.0 | 4.9 | 55.7 | 3.1 | 5.2 | 57.9 | 3.2 | 5.3 | 65.2 | 3.3 | 5.7 |
|                      |  | 80            | 19.8 | 1.6 | 3.7 | 27.2 | 2.0 | 4.1 | 32.3 | 2.2 | 4.3 | 34.5 | 2.3 | 4.4 | 41.8 | 2.6 | 4.7 | 49.2 | 2.8 | 5.1 | 54.3 | 3.0 | 5.3 | 56.5 | 3.1 | 5.4 | 63.8 | 3.3 | 5.8 |
| 1500                 |  | 60            | 22.7 | 2.0 | 3.3 | 30.0 | 2.5 | 3.6 | 35.1 | 2.7 | 3.7 | 37.3 | 2.9 | 3.8 | 44.7 | 3.2 | 4.1 | 52.0 | 3.5 | 4.3 | 57.1 | 3.7 | 4.5 | 59.3 | 3.8 | 4.6 | 66.7 | 4.0 | 4.9 |
|                      |  | 70            | 21.5 | 1.9 | 3.4 | 28.9 | 2.3 | 3.7 | 34.0 | 2.5 | 4.0 | 36.2 | 2.6 | 4.1 | 43.5 | 2.8 | 4.5 | 50.9 | 3.0 | 4.9 | 56.0 | 3.2 | 5.2 | 58.2 | 3.2 | 5.3 | 65.5 | 3.4 | 5.7 |
|                      |  | 80            | 20.7 | 1.6 | 3.8 | 28.0 | 2.0 | 4.1 | 33.1 | 2.2 | 4.3 | 35.3 | 2.3 | 4.4 | 42.7 | 2.6 | 4.7 | 50.0 | 2.9 | 5.1 | 55.1 | 3.1 | 5.3 | 57.3 | 3.1 | 5.4 | 64.7 | 3.3 | 5.7 |
| 1650                 |  | 60            | 23.8 | 2.1 | 3.4 | 31.1 | 2.5 | 3.6 | 36.2 | 2.8 | 3.8 | 38.4 | 2.9 | 3.8 | 45.8 | 3.3 | 4.1 | 53.1 | 3.6 | 4.3 | 58.2 | 3.8 | 4.5 | 60.4 | 3.9 | 4.6 | 67.8 | 4.1 | 4.8 |
|                      |  | 70            | 22.1 | 1.9 | 3.4 | 29.4 | 2.3 | 3.8 | 34.6 | 2.5 | 4.0 | 36.8 | 2.6 | 4.2 | 44.1 | 2.9 | 4.5 | 51.4 | 3.1 | 4.9 | 56.6 | 3.2 | 5.1 | 58.8 | 3.3 | 5.2 | 66.1 | 3.5 | 5.6 |
|                      |  | 80            | 20.9 | 1.6 | 3.9 | 28.3 | 2.0 | 4.2 | 33.4 | 2.2 | 4.4 | 35.6 | 2.3 | 4.5 | 42.9 | 2.6 | 4.8 | 50.3 | 2.9 | 5.0 | 55.4 | 3.1 | 5.2 | 57.6 | 3.2 | 5.3 | 64.9 | 3.4 | 5.6 |

## Second Stage (Boost Speed H5) Heating

FT4BG060 or PSH4BG060 Heat Pump matched with C6BH-X60C-D or C6BA-F60(C,U)-D+TXV-X5.0 Coil

| Outdoor Temperature: |  |               | 0°F  |     |     | 10°  |     |     | 17°  |     |     | 20°  |     |     | 30°  |     |     | 40°  |     |     | 47°  |     |     | 50°  |     |     | 60°  |     |     |
|----------------------|--|---------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| Blower<br>cfm        |  | Indoor<br>Tdb | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  | T.C. | COP | kW  |
| 1350                 |  | 60            | 31.6 | 2.5 | 3.8 | 35.8 | 2.6 | 4.1 | 39.1 | 2.7 | 4.3 | 40.6 | 2.7 | 4.4 | 46.1 | 2.8 | 4.7 | 54.0 | 3.1 | 5.1 | 60.2 | 3.3 | 5.4 | 63.0 | 3.4 | 5.5 | 72.6 | 3.6 | 5.9 |
|                      |  | 70            | 30.1 | 2.2 | 4.0 | 35.0 | 2.3 | 4.4 | 38.7 | 2.5 | 4.6 | 40.3 | 2.5 | 4.7 | 46.1 | 2.6 | 5.1 | 54.0 | 2.9 | 5.5 | 60.1 | 3.0 | 5.8 | 62.7 | 3.1 | 5.9 | 71.9 | 3.3 | 6.3 |
|                      |  | 80            | 28.7 | 2.0 | 4.3 | 34.2 | 2.2 | 4.7 | 38.3 | 2.3 | 4.9 | 40.0 | 2.3 | 5.1 | 46.0 | 2.5 | 5.5 | 54.0 | 2.7 | 5.9 | 59.9 | 2.8 | 6.2 | 62.5 | 2.9 | 6.3 | 71.2 | 3.1 | 6.8 |
| 1500                 |  | 60            | 33.0 | 2.5 | 3.8 | 37.1 | 2.6 | 4.1 | 40.4 | 2.7 | 4.3 | 41.9 | 2.8 | 4.4 | 47.3 | 2.9 | 4.7 | 55.2 | 3.2 | 5.1 | 61.3 | 3.4 | 5.3 | 64.0 | 3.5 | 5.4 | 73.6 | 3.7 | 5.8 |
|                      |  | 70            | 31.2 | 2.2 | 4.1 | 36.0 | 2.4 | 4.4 | 39.6 | 2.5 | 4.7 | 41.2 | 2.5 | 4.8 | 47.0 | 2.7 | 5.1 | 54.9 | 2.9 | 5.5 | 61.0 | 3.1 | 5.7 | 63.6 | 3.2 | 5.8 | 72.8 | 3.4 | 6.2 |
|                      |  | 80            | 29.3 | 2.0 | 4.4 | 34.8 | 2.2 | 4.7 | 38.8 | 2.3 | 5.0 | 40.6 | 2.3 | 5.1 | 46.6 | 2.5 | 5.5 | 54.6 | 2.7 | 5.9 | 60.6 | 2.9 | 6.1 | 63.2 | 3.0 | 6.3 | 72.1 | 3.2 | 6.7 |
| 1650                 |  | 60            | 34.4 | 2.6 | 3.9 | 38.5 | 2.7 | 4.1 | 41.7 | 2.8 | 4.3 | 43.2 | 2.9 | 4.4 | 48.5 | 3.0 | 4.7 | 56.3 | 3.3 | 5.0 | 62.4 | 3.5 | 5.3 | 65.1 | 3.5 | 5.4 | 74.5 | 3.8 | 5.7 |
|                      |  | 70            | 32.2 | 2.2 | 4.2 | 36.9 | 2.4 | 4.5 | 40.5 | 2.5 | 4.7 | 42.1 | 2.6 | 4.8 | 47.8 | 2.7 | 5.1 | 55.8 | 3.0 | 5.4 | 61.8 | 3.2 | 5.7 | 64.5 | 3.3 | 5.8 | 73.8 | 3.5 | 6.1 |
|                      |  | 80            | 29.9 | 2.0 | 4.5 | 35.4 | 2.1 | 4.8 | 39.3 | 2.3 | 5.1 | 41.1 | 2.3 | 5.2 | 47.1 | 2.5 | 5.5 | 55.2 | 2.8 | 5.8 | 61.3 | 3.0 | 6.1 | 64.0 | 3.0 | 6.2 | 73.0 | 3.3 | 6.5 |





**MAYTAG**

Before purchasing this appliance, read important energy cost and efficiency information available from your retailer. Specifications and illustrations subject to change without notice and without incurring obligations.

Manufactured under license by NORDYNE, O'Fallon, MO. ®Registered Trademark/™ Trademark of Maytag Corporation or its related companies. ©2012. All rights reserved.

932D-1012 (Replaces 932D-0612)

Printed in U.S.A. (10/12)