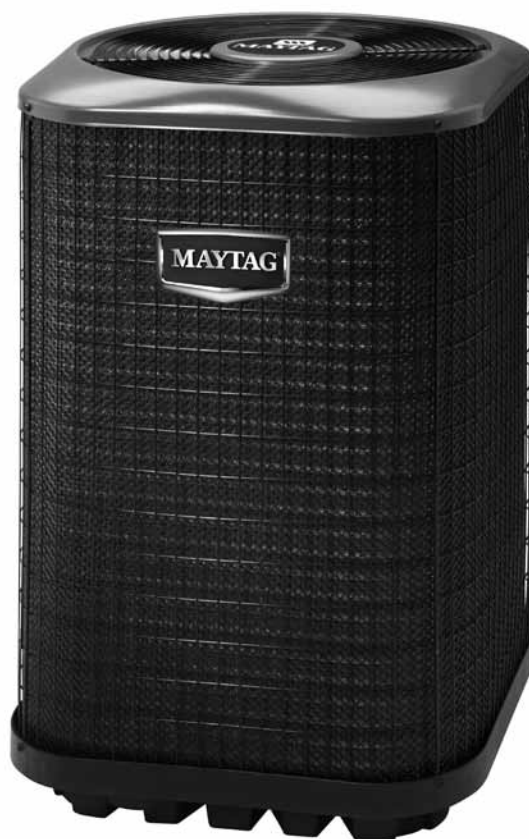


**MAYTAG**

## TECHNICAL SPECIFICATIONS

*Model MSH4BD Series*



M120 Product Line

**High Efficiency R-410A Heat Pump  
13 SEER — 1.5 - 5 Ton Capacity**

- **12 YEAR ALL PARTS WARRANTY**
- **This product offers a 1 Year Dependability Promise to replace the unit if the compressor fails in the first year 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 required for 12-year All Parts Warranty and 1 year 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.**



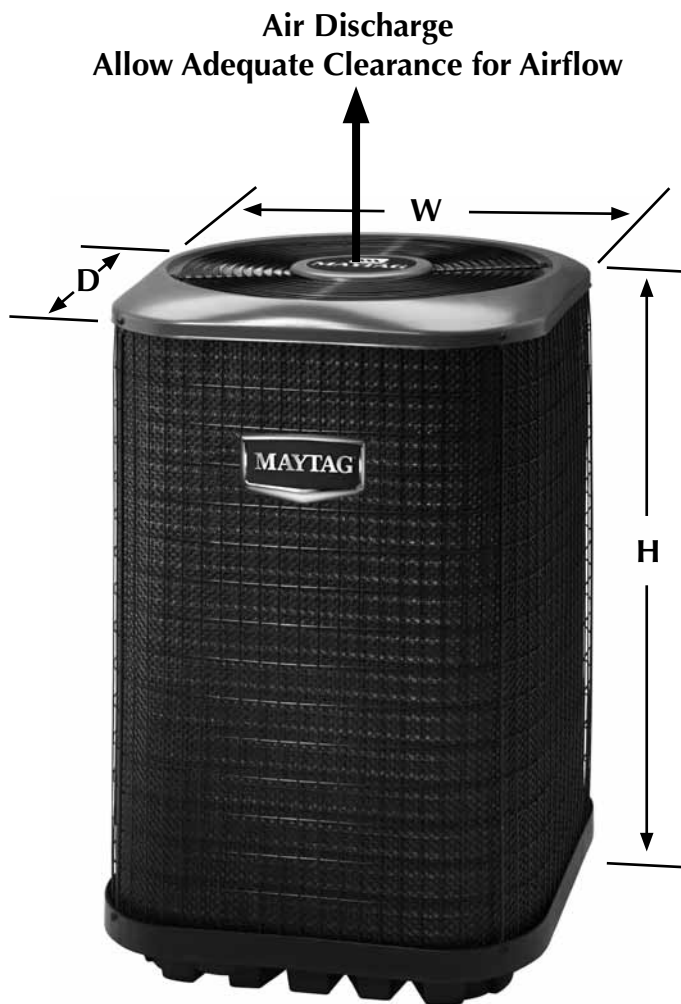
Maytag now offers the choice of a heat pump that uses a more efficient and environmentally friendly refrigerant designated R-410A. The MSH4BD Series of heat pumps offers exceptional performance. The unit, when combined with our engineered coils or air handlers, offers a full line of quality, split system cooling equipment.

### Features and Benefits

- **SmartCool™ 410™ Refrigerant (R-410A)** – Earth friendly non-ozone depleting refrigerant.
- **Designed using galvanized steel** – with a polyester urethane coat finish. The 950 hour salt spray finish resists corrosion 50% better than comparable units.
- **Copper Tube / Aluminum Fin Coils** – Both indoor and outdoor coils are designed to optimize heat transfer, minimize size and cost, and increase durability and reliability.
- **Permanently Lubricated Motor** – A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **Removable Top Grille Assembly** – Allows ease of service from the top without disconnecting fan motor leads.
- **High Pressure Switch** – Protects against abnormally high system pressures. Auto-reset feature prevents nuisance service visits.
- **Liquid Line Filter Drier** – Included with unit, field installed.
- **One Piece Top/Orifice** – Designed for maximum airflow and quiet operation.
- **Easy Compressor and Control Access** – Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit.
- **Composite Base Pan** - Absorbs sound and is corrosion resistant. Composite is also stronger and lighter than steel.
- **Fixed Orifice** – Integrated in liquid line service valve for easy change-out.

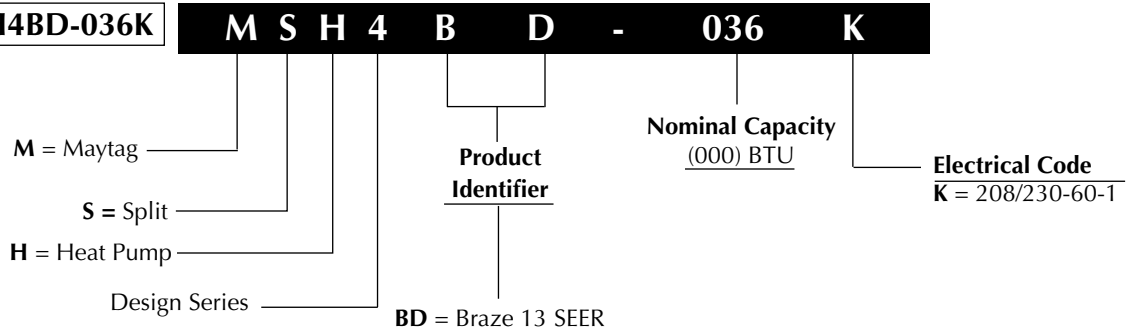
## DIMENSIONS/OUTDOOR SECTION

| MSH4BD | 018K   | 024K   | 030K   | 036K   | 042K   | 048K   | 060K   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| H      | 33 1/2 | 37 1/2 | 41 1/2 | 45 1/2 | 41 1/2 | 45 1/2 | 45 1/2 |
| W      | 30-3/4 | 30-3/4 | 30-3/4 | 30-3/4 | 30-3/4 | 30-3/4 | 30-3/4 |
| D      | 30-3/4 | 30-3/4 | 30-3/4 | 30-3/4 | 30-3/4 | 30-3/4 | 30-3/4 |



## IDENTIFICATION CODE

EX: MSH4BD-036K



# PHYSICAL AND ELECTRICAL SPECIFICATIONS / OUTDOOR UNITS

## 13 SEER — High Efficiency — Single Phase

| Model Number MSH4BD                                                               |                        | 018K           | 024K         | 030K         | 036K         | 042K         | 048K         | 060K         |
|-----------------------------------------------------------------------------------|------------------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Electrical Data                                                                   | Volts-Cycles-Phase (1) | 208/230-60-1   | 208/230-60-1 | 208/230-60-1 | 208/230-60-1 | 208/230-60-1 | 208/230-60-1 | 208/230-60-1 |
|                                                                                   | Total Amps             | 10.2           | 14.6         | 15.3         | 17.8         | 19.4         | 23.2         | 27.7         |
|                                                                                   | Delay Fuse Max. (2)    | 20             | 30           | 30           | 35           | 40           | 50           | 60           |
|                                                                                   | Min. Circuit Ampacity  | 12.4           | 18.0         | 18.8         | 22.0         | 23.9         | 28.7         | 34.3         |
| Condenser Data                                                                    | Coil                   | Area           | 17.7         | 20.3         | 22.8         | 25.3         | 22.8         | 25.3         |
|                                                                                   |                        | Rows-FPI       | 1-18         | 1-18         | 1-20         | 1-20         | 2-16         | 2-16         |
|                                                                                   |                        | Tube Dia       | 3/8" O.D.    | 3/8" O.D.    | 3/8" O.D.    | 3/8" O.D.    | 3/8" O.D.    | 3/8" O.D.    |
|                                                                                   | Fan Motor              | Type           | PSC          | PSC          | PSC          | PSC          | PSC          | PSC          |
|                                                                                   |                        | Amps           | 1.2          | 1.2          | 1.2          | 1.2          | 1.46         | 1.46         |
|                                                                                   |                        | HP             | 0.2          | 0.2          | 0.2          | 0.2          | 0.25         | 0.25         |
|                                                                                   | Fan Blade              | Dia - # Blades | 24" - 2      |              |              |              |              |              |
|                                                                                   |                        | SCFM           | 3000         | 3200         | 3300         | 3400         | 3700         | 3800         |
|                                                                                   | Compressor Data        | RLA            | 9.0          | 13.4         | 14.1         | 16.6         | 17.9         | 21.8         |
|                                                                                   |                        | LRA            | 48.0         | 58.3         | 73.0         | 79.0         | 112.0        | 117.0        |
| Refrigerant suction line O.D.<br>Note: Liquid line is 3/8" O.D. for entire length | 0-24 ft.               | 3/4"           | 3/4"         | 3/4"         | 7/8"         | 7/8"         | 7/8"         | 7/8"         |
|                                                                                   | 25-39 ft.              | 3/4"           | 3/4"         | 3/4"         | 7/8"         | 7/8"         | 7/8"         | 1-1/8" (3)   |
|                                                                                   | 40-75 ft.              | 3/4"           | 3/4"         | 3/4"         | 7/8"         | 7/8"         | 7/8"         | 1-1/8" (3)   |
| Approximate Weight (lbs.)                                                         | Net                    | 166            | 171          | 176          | 181          | 247          | 280          | 290          |
|                                                                                   | Ship                   | 175            | 180          | 185          | 190          | 260          | 295          | 305          |
| Sound Rating db                                                                   |                        | 73             | 73           | 73           | 73           | 79           | 79           | 79           |

(1) Operating Voltage Range: 187v min. - 253v max.

(2) HACR Type Circuit Breakers may be used.

(3) Requires 7/8" to 1-1/8" reducer from line to unit.

(4) Additional charge for line sets above 15 feet.

Values based on suction line as follows with 3/8" liquid line.

a) 3/4" = 0.6 oz. per additional foot.

b) 7/8" = 0.7 oz. per additional foot.

c) 1 1/8" = 0.8 oz. per additional foot.

## ACCESSORIES - CONDENSING UNIT

### Start Assist Kit - 912933

Provides additional starting torque for the compressor motor when operating with low line voltage or high operating temperatures.

### Outdoor Thermostat - 913852

Two stage logic provides ability to lock out electric strips down to balance point and bring on in stages.

### Snow Stand Kit - 920636

### Extreme Wind Condition Mounting Kit - 920900

### Fan Delay Kit (TDR) - 918476

# SYSTEM COOLING CAPACITIES

## 13 SEER — High Efficiency — Single Phase

| Outdoor Unit<br>MSH4BD | Indoor Unit<br>C6B(A,H)- | Cooling Capacity<br>Btuh | SEER  | EER   | Heating Capacity<br>BTUH @ 47°F | HSPF | Nominal<br>SCFM |
|------------------------|--------------------------|--------------------------|-------|-------|---------------------------------|------|-----------------|
| 018K                   | B6BMM024K-A              | 17,500                   | 13.00 | 11.00 | 19,000                          | 8.00 | 650             |
| 018K                   | B6BMM024K-B              | 17,500                   | 13.00 | 11.00 | 17,700                          | 7.70 | 650             |
| 024K                   | B6BMM024K-A              | 23,000                   | 13.00 | 11.00 | 24,800                          | 8.00 | 850             |
| 024K                   | B6BMM024K-B              | 23,000                   | 13.00 | 11.00 | 26,000                          | 8.00 | 820             |
| 030K                   | B6BMM030K-A              | 28,800                   | 13.00 | 11.00 | 30,800                          | 8.00 | 900             |
| 030K                   | B6BMM030K-B              | 28,800                   | 13.00 | 11.00 | 29,000                          | 8.00 | 1075            |
| 036K                   | B6BMM036K-B              | 34,800                   | 13.00 | 11.00 | 36,800                          | 8.00 | 1170            |
| 042K                   | B6BMM042K-B              | 40,000                   | 13.00 | 11.00 | 42,000                          | 7.80 | 1495            |
| 048K                   | B6BMM048K-B              | 46,500                   | 13.00 | 11.00 | 49,500                          | 8.00 | 1360            |
| 048K                   | B6BMM048K-C              | 47,500                   | 13.00 | 11.00 | 47,500                          | 8.00 | 1620            |
| 060K                   | B6BMM060K-C              | 57,500                   | 13.00 | 11.00 | 60,500                          | 8.00 | 1660            |

| Outdoor Unit<br>MSH4BD | Indoor TXV<br>Coil + TDR | Cooling Capacity<br>BTUH | SEER  | EER   | Heating Capacity<br>BTUH @ 47°F | HSPF | SCFM |
|------------------------|--------------------------|--------------------------|-------|-------|---------------------------------|------|------|
| 018K                   | C7B(A,H)M01824(C,U)-A    | 18,000                   | 13.00 | 11.00 | 18,000                          | 8.00 | 580  |
| 018K                   | C7B(A,H)M01824(C,U)-B    | 18,000                   | 13.00 | 11.00 | 18,000                          | 8.00 | 580  |
| 024K                   | C7B(A,H)M01824(C,U)-A    | 22,800                   | 13.00 | 11.00 | 23,600                          | 8.00 | 805  |
| 024K                   | C7B(A,H)M01824(C,U)-B    | 22,800                   | 13.00 | 11.00 | 23,600                          | 8.00 | 855  |
| 030K                   | C7B(A,H)M03036(C,U)-A    | 28,400                   | 13.00 | 11.00 | 29,000                          | 8.00 | 1005 |
| 030K                   | C7B(A,H)M03036(C,U)-B    | 28,400                   | 13.00 | 11.00 | 29,000                          | 8.00 | 1005 |
| 030K                   | C7B(A,H)M03036(C,U)-C    | 28,400                   | 13.00 | 11.00 | 29,000                          | 8.00 | 1005 |
| 036K                   | C7B(A,H)M03036(C,U)-B    | 34,600                   | 13.00 | 11.00 | 36,000                          | 8.00 | 1180 |
| 036K                   | C7B(A,H)M03642(C,U)-B    | 34,600                   | 13.00 | 11.00 | 36,000                          | 8.00 | 1180 |
| 036K                   | C7B(A,H)M03648(C,U)-C    | 34,600                   | 13.00 | 11.00 | 36,000                          | 8.00 | 1180 |
| 042K                   | C7B(A,H)M03642(C,U)-B    | 39,000                   | 13.00 | 11.00 | 41,500                          | 8.00 | 1320 |
| 042K                   | C7B(A,H)M03648(C,U)-C    | 39,000                   | 13.00 | 11.00 | 41,500                          | 8.00 | 1320 |
| 042K                   | C7B(A,H)M042(C,U)-D      | 39,000                   | 13.00 | 11.00 | 41,500                          | 8.00 | 1320 |
| 048K                   | C7B(A,H)M03648(C,U)-C    | 45,500                   | 13.00 | 11.00 | 47,000                          | 8.00 | 1395 |
| 048K                   | C7B(A,H)M048(C,U)-C      | 45,500                   | 13.00 | 11.00 | 47,000                          | 8.00 | 1325 |
| 048K                   | C7B(A,H)M048(C,U)-D      | 45,500                   | 13.00 | 11.00 | 47,000                          | 8.00 | 1325 |

## 14 SEER — High Efficiency — Single Phase

| Outdoor Unit<br>MSH4BD | Indoor Unit<br>B6VMAX | Cooling Capacity<br>BTUH | SEER | EER  | Heating Capacity<br>BTUH @ 47°F | HSPF | Nominal<br>SCFM |
|------------------------|-----------------------|--------------------------|------|------|---------------------------------|------|-----------------|
| 018K                   | X24K-B                | 18,400                   | 14   | 12.9 | 18,000                          | 8.0  | 600             |
| 024K                   | X24K-B                | 24,000                   | 14   | 13.4 | 23,200                          | 8.5  | 750             |
| 030K                   | X30K-B                | 29,600                   | 14   | 12.9 | 29,600                          | 8.5  | 900             |
| 036K                   | X36K-B                | 35,800                   | 14   | 12.6 | 37,800                          | 8.5  | 1180            |
| 042K                   | X48K-C                | 41,500                   | 14   | 13.5 | 41,500                          | 8.5  | 1400            |
| 048K                   | X48K-C                | 48,500                   | 14   | 13.0 | 47,500                          | 8.5  | 1600            |
| 060K                   | X60K-C                | 59,500                   | 13.5 | 12   | 57,500                          | 8.5  | 1700            |

See current AHRI Directory for certified combinations and ratings  
[www.ahridirectory.org](http://www.ahridirectory.org)

## 13 SEER + LOOSE COIL COOLING EXPANDED RATINGS

MSH4BD018K C7B(A,H)M01824(C,U)-A

| O.D.T |        |       | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |       |      | 115°F |       |      |
|-------|--------|-------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|------|
| CFM   | E.D.B. | E.W.B | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C.  | K.W. | T.C.  | S.C.  | K.W. |
| 525   | 80     | 62    | 19.1 | 15.1 | 1.14 | 18.3 | 14.9 | 1.27 | 17.4 | 14.9 | 1.40 | 16.4 | 14.6 | 1.55 | 15.18 | 14.92 | 1.71 | 14.35 | 14.10 | 1.90 |
|       | 80     | 67    | 21.1 | 12.2 | 1.16 | 20.2 | 12.1 | 1.28 | 19.2 | 12.2 | 1.42 | 18.2 | 12.0 | 1.57 | 16.97 | 11.70 | 1.73 | 15.64 | 10.75 | 1.91 |
|       | 80     | 72    | 23.4 | 9.5  | 1.19 | 22.4 | 9.5  | 1.31 | 21.4 | 9.7  | 1.45 | 20.3 | 9.4  | 1.60 | 19.06 | 9.24  | 1.76 | 17.72 | 9.41  | 1.94 |
|       | 75     | 63    | 19.4 | 11.8 | 1.14 | 18.6 | 11.7 | 1.27 | 17.6 | 11.7 | 1.41 | 16.6 | 11.4 | 1.55 | 15.23 | 10.29 | 1.71 | 14.19 | 11.10 | 1.90 |
| 600   | 80     | 62    | 19.7 | 16.3 | 1.17 | 18.9 | 16.6 | 1.30 | 17.9 | 16.2 | 1.44 | 16.9 | 15.9 | 1.58 | 16.07 | 15.53 | 1.75 | 14.87 | 14.75 | 1.93 |
|       | 80     | 67    | 21.7 | 13.1 | 1.19 | 20.7 | 13.4 | 1.32 | 19.7 | 13.1 | 1.45 | 18.6 | 12.9 | 1.60 | 17.37 | 12.81 | 1.76 | 16.02 | 12.69 | 1.95 |
|       | 80     | 72    | 24.0 | 10.1 | 1.22 | 23.0 | 10.5 | 1.35 | 21.9 | 10.2 | 1.49 | 20.7 | 10.1 | 1.64 | 19.45 | 10.10 | 1.79 | 18.06 | 10.11 | 1.98 |
|       | 75     | 63    | 19.9 | 12.6 | 1.17 | 19.0 | 12.9 | 1.30 | 18.1 | 12.5 | 1.44 | 17.0 | 12.3 | 1.58 | 15.75 | 12.14 | 1.75 | 14.46 | 12.17 | 1.93 |
| 675   | 80     | 62    | 20.2 | 17.7 | 1.20 | 19.4 | 17.8 | 1.33 | 18.6 | 17.3 | 1.47 | 17.7 | 16.8 | 1.62 | 16.69 | 16.12 | 1.78 | 15.58 | 15.51 | 1.97 |
|       | 80     | 67    | 22.0 | 14.1 | 1.22 | 21.1 | 14.2 | 1.35 | 20.1 | 13.9 | 1.49 | 18.9 | 13.8 | 1.63 | 17.66 | 13.60 | 1.80 | 16.37 | 13.85 | 1.98 |
|       | 80     | 72    | 24.4 | 10.8 | 1.26 | 23.4 | 11.0 | 1.39 | 22.2 | 10.7 | 1.52 | 21.0 | 10.7 | 1.67 | 19.73 | 10.62 | 1.83 | 18.26 | 10.70 | 2.01 |
|       | 75     | 63    | 20.3 | 13.6 | 1.20 | 19.4 | 13.7 | 1.33 | 18.4 | 13.3 | 1.47 | 17.3 | 13.1 | 1.61 | 16.12 | 13.16 | 1.78 | 14.65 | 12.98 | 1.96 |

# 13 SEER + LOOSE COIL COOLING EXPANDED RATINGS (CONTINUED)

MSH4BD024K C7B(A,H)M01824(C,U)-B

| O.D.T |        |        | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |       |      | 115°F |       |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C.  | K.W. | T.C.  | S.C.  | K.W. |
| 700   | 80     | 62     | 23.7 | 18.9 | 1.40 | 22.8 | 18.7 | 1.56 | 21.8 | 18.8 | 1.73 | 20.7 | 18.5 | 1.92 | 19.63 | 19.24 | 2.12 | 18.54 | 18.17 | 2.35 |
|       | 80     | 67     | 25.8 | 15.2 | 1.40 | 24.7 | 15.0 | 1.57 | 23.6 | 15.2 | 1.74 | 22.4 | 14.8 | 1.93 | 21.17 | 14.58 | 2.13 | 19.83 | 13.76 | 2.37 |
|       | 80     | 72     | 28.5 | 11.8 | 1.40 | 27.3 | 11.7 | 1.58 | 26.0 | 11.9 | 1.75 | 24.7 | 11.7 | 1.94 | 23.23 | 11.46 | 2.15 | 21.63 | 11.72 | 2.38 |
|       | 75     | 63     | 23.9 | 14.7 | 1.40 | 22.9 | 14.6 | 1.56 | 21.9 | 14.6 | 1.73 | 20.8 | 14.3 | 1.92 | 19.65 | 13.15 | 2.12 | 18.41 | 14.12 | 2.35 |
| 800   | 80     | 62     | 24.3 | 20.3 | 1.44 | 23.3 | 20.7 | 1.60 | 22.3 | 20.2 | 1.77 | 21.3 | 20.0 | 1.96 | 20.34 | 19.65 | 2.16 | 19.22 | 19.06 | 2.40 |
|       | 80     | 67     | 26.3 | 16.1 | 1.44 | 25.2 | 16.5 | 1.61 | 24.1 | 16.1 | 1.78 | 22.8 | 15.9 | 1.97 | 21.53 | 15.85 | 2.17 | 20.14 | 15.78 | 2.41 |
|       | 80     | 72     | 29.0 | 12.4 | 1.44 | 27.7 | 12.9 | 1.61 | 26.4 | 12.5 | 1.79 | 24.8 | 12.4 | 1.98 | 23.32 | 12.45 | 2.19 | 21.80 | 12.44 | 2.42 |
|       | 75     | 63     | 24.4 | 15.6 | 1.44 | 23.4 | 16.0 | 1.60 | 22.3 | 15.5 | 1.77 | 21.2 | 15.3 | 1.96 | 19.97 | 15.20 | 2.16 | 18.67 | 15.09 | 2.39 |
| 900   | 80     | 62     | 24.9 | 22.0 | 1.47 | 23.9 | 22.1 | 1.64 | 23.0 | 21.4 | 1.81 | 22.0 | 20.9 | 2.00 | 20.92 | 20.21 | 2.21 | 19.73 | 19.65 | 2.44 |
|       | 80     | 67     | 26.8 | 17.3 | 1.47 | 25.7 | 17.4 | 1.64 | 24.4 | 17.0 | 1.82 | 23.2 | 16.9 | 2.01 | 21.79 | 16.71 | 2.21 | 20.40 | 16.74 | 2.45 |
|       | 80     | 72     | 29.4 | 13.3 | 1.47 | 27.9 | 13.6 | 1.65 | 26.5 | 13.1 | 1.83 | 25.1 | 13.1 | 2.02 | 23.61 | 12.95 | 2.23 | 22.03 | 13.02 | 2.46 |
|       | 75     | 63     | 24.9 | 16.7 | 1.47 | 23.8 | 16.8 | 1.64 | 22.7 | 16.3 | 1.81 | 21.5 | 16.2 | 2.00 | 20.22 | 16.00 | 2.20 | 18.93 | 16.39 | 2.43 |

MSH4BD030K C7B(A,H)M03036(C,U)-A

| O.D.T |        |        | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |       |      | 115°F |       |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C.  | K.W. | T.C.  | S.C.  | K.W. |
| 875   | 80     | 62     | 29.3 | 23.1 | 1.80 | 28.2 | 22.9 | 1.97 | 27.0 | 23.0 | 2.16 | 25.7 | 22.6 | 2.38 | 24.25 | 23.79 | 2.63 | 22.70 | 22.26 | 2.91 |
|       | 80     | 67     | 32.0 | 18.6 | 1.86 | 30.8 | 18.4 | 2.02 | 29.5 | 18.6 | 2.21 | 28.2 | 18.3 | 2.42 | 26.65 | 17.97 | 2.67 | 24.98 | 16.48 | 2.94 |
|       | 80     | 72     | 35.5 | 14.5 | 1.94 | 34.2 | 14.5 | 2.11 | 32.8 | 14.8 | 2.29 | 31.3 | 14.6 | 2.50 | 29.67 | 14.37 | 2.74 | 27.73 | 14.74 | 3.01 |
|       | 75     | 63     | 29.5 | 18.0 | 1.81 | 28.4 | 17.8 | 1.98 | 27.2 | 17.9 | 2.17 | 25.8 | 17.5 | 2.38 | 24.35 | 15.93 | 2.63 | 22.64 | 17.16 | 2.91 |
| 1000  | 80     | 62     | 30.1 | 24.8 | 1.87 | 29.0 | 25.3 | 2.03 | 27.7 | 24.8 | 2.22 | 26.4 | 24.5 | 2.44 | 25.21 | 24.27 | 2.69 | 23.89 | 23.69 | 2.97 |
|       | 80     | 67     | 32.8 | 19.7 | 1.92 | 31.6 | 20.3 | 2.09 | 30.2 | 19.8 | 2.28 | 28.8 | 19.6 | 2.49 | 27.23 | 19.54 | 2.73 | 25.50 | 19.46 | 3.00 |
|       | 80     | 72     | 36.3 | 15.3 | 2.00 | 34.9 | 16.1 | 2.17 | 33.3 | 15.6 | 2.36 | 31.6 | 15.5 | 2.56 | 29.83 | 15.60 | 2.80 | 28.03 | 15.64 | 3.07 |
|       | 75     | 63     | 30.3 | 19.0 | 1.87 | 29.1 | 19.5 | 2.04 | 27.8 | 19.0 | 2.22 | 26.4 | 18.7 | 2.44 | 24.90 | 18.60 | 2.69 | 23.17 | 18.41 | 2.96 |
| 1125  | 80     | 62     | 30.8 | 26.8 | 1.93 | 29.6 | 27.0 | 2.10 | 28.5 | 26.4 | 2.29 | 27.5 | 26.1 | 2.51 | 26.17 | 25.29 | 2.75 | 24.72 | 24.61 | 3.04 |
|       | 80     | 67     | 33.4 | 21.1 | 1.99 | 32.1 | 21.4 | 2.15 | 30.8 | 20.9 | 2.34 | 29.3 | 20.8 | 2.55 | 27.69 | 20.60 | 2.79 | 25.92 | 20.63 | 3.06 |
|       | 80     | 72     | 36.6 | 16.4 | 2.05 | 35.0 | 16.8 | 2.22 | 33.5 | 16.3 | 2.41 | 32.0 | 16.3 | 2.62 | 30.28 | 16.22 | 2.86 | 28.44 | 16.38 | 3.14 |
|       | 75     | 63     | 30.9 | 20.3 | 1.93 | 29.7 | 20.5 | 2.10 | 28.3 | 20.0 | 2.28 | 26.9 | 19.8 | 2.50 | 25.33 | 19.58 | 2.74 | 23.58 | 19.49 | 3.02 |

MSH4BD036K C7B(A,H)M03036(C,U)-B

| O.D.T |        |        | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |       |      | 115°F |       |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C.  | K.W. | T.C.  | S.C.  | K.W. |
| 1050  | 80     | 62     | 36.0 | 28.1 | 2.24 | 34.6 | 27.8 | 2.46 | 33.0 | 27.9 | 2.70 | 31.2 | 27.3 | 2.98 | 29.32 | 28.48 | 3.28 | 27.30 | 26.52 | 3.63 |
|       | 80     | 67     | 39.6 | 23.3 | 2.31 | 38.0 | 23.1 | 2.53 | 36.3 | 23.3 | 2.77 | 34.5 | 22.9 | 3.05 | 32.48 | 22.46 | 3.36 | 30.29 | 20.42 | 3.70 |
|       | 80     | 72     | 43.5 | 18.0 | 2.40 | 41.8 | 17.9 | 2.62 | 40.0 | 18.3 | 2.87 | 38.1 | 17.9 | 3.14 | 36.00 | 17.64 | 3.46 | 33.73 | 18.05 | 3.81 |
|       | 75     | 63     | 36.6 | 22.5 | 2.25 | 35.1 | 22.3 | 2.47 | 33.5 | 22.4 | 2.71 | 31.7 | 21.9 | 2.99 | 29.78 | 19.93 | 3.29 | 27.64 | 21.52 | 3.64 |
| 1200  | 80     | 62     | 36.9 | 30.0 | 2.32 | 35.4 | 30.5 | 2.54 | 33.7 | 29.8 | 2.78 | 32.0 | 29.3 | 3.05 | 30.13 | 28.83 | 3.36 | 28.27 | 28.03 | 3.71 |
|       | 80     | 67     | 40.4 | 24.7 | 2.39 | 38.8 | 25.5 | 2.61 | 37.0 | 24.8 | 2.85 | 35.1 | 24.5 | 3.12 | 33.07 | 24.50 | 3.43 | 30.84 | 24.41 | 3.78 |
|       | 80     | 72     | 44.3 | 18.9 | 2.48 | 42.6 | 19.8 | 2.70 | 40.7 | 19.2 | 2.95 | 38.7 | 19.1 | 3.22 | 36.56 | 19.21 | 3.54 | 34.18 | 19.30 | 3.89 |
|       | 75     | 63     | 37.4 | 23.9 | 2.33 | 35.9 | 24.5 | 2.55 | 34.2 | 23.8 | 2.79 | 32.3 | 23.5 | 3.06 | 30.35 | 23.35 | 3.37 | 28.16 | 23.14 | 3.71 |
| 1350  | 80     | 62     | 37.6 | 32.2 | 2.39 | 36.1 | 32.3 | 2.61 | 34.4 | 31.4 | 2.85 | 32.7 | 30.8 | 3.12 | 30.96 | 29.91 | 3.44 | 29.18 | 29.05 | 3.79 |
|       | 80     | 67     | 41.1 | 26.6 | 2.46 | 39.4 | 26.9 | 2.68 | 37.6 | 26.2 | 2.92 | 35.6 | 26.1 | 3.19 | 33.53 | 25.91 | 3.50 | 31.23 | 25.79 | 3.85 |
|       | 80     | 72     | 45.0 | 20.2 | 2.56 | 43.2 | 20.7 | 2.78 | 41.2 | 20.1 | 3.02 | 39.2 | 20.2 | 3.30 | 36.85 | 20.09 | 3.61 | 34.48 | 20.31 | 3.97 |
|       | 75     | 63     | 38.1 | 25.6 | 2.40 | 36.4 | 25.8 | 2.62 | 34.7 | 25.1 | 2.86 | 32.8 | 25.0 | 3.13 | 30.79 | 24.66 | 3.44 | 28.54 | 24.40 | 3.78 |

MSH4BD042KB C7B(A,H)M03642(C,U)-B

| O.D.T |        |        | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |       |      | 115°F |       |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C.  | K.W. | T.C.  | S.C.  | K.W. |
| 1225  | 80     | 62     | 40.6 | 32.1 | 2.58 | 39.1 | 31.9 | 2.78 | 37.3 | 32.0 | 3.03 | 35.3 | 31.2 | 3.32 | 33.07 | 32.33 | 3.64 | 30.72 | 30.03 | 4.01 |
|       | 80     | 67     | 44.6 | 26.6 | 2.65 | 43.0 | 26.4 | 2.85 | 41.2 | 26.7 | 3.09 | 39.1 | 26.2 | 3.37 | 36.75 | 25.70 | 3.70 | 34.24 | 23.23 | 4.06 |
|       | 80     | 72     | 49.2 | 20.6 | 2.73 | 47.3 | 20.5 | 2.95 | 45.3 | 21.0 | 3.19 | 43.1 | 20.6 | 3.47 | 40.66 | 20.24 | 3.79 | 37.85 | 20.68 | 4.15 |
|       | 75     | 63     | 41.2 | 25.7 | 2.59 | 39.7 | 25.5 | 2.79 | 37.9 | 25.7 | 3.04 | 35.8 | 25.1 | 3.32 | 33.50 | 22.48 | 3.65 | 30.79 | 24.37 | 4.01 |
| 1400  | 80     | 62     | 41.6 | 34.3 | 2.66 | 40.0 | 35.0 | 2.86 | 38.2 | 34.1 | 3.11 | 36.3 | 33.5 | 3.39 | 34.10 | 32.90 | 3.72 | 31.88 | 31.61 | 4.09 |
|       | 80     | 67     | 45.5 | 28.3 | 2.73 | 43.8 | 29.1 | 2.94 | 41.9 | 28.4 | 3.18 | 39.8 | 28.1 | 3.46 | 37.43 | 28.02 | 3.78 | 34.87 | 27.87 | 4.14 |
|       | 80     | 72     | 50.0 | 21.7 | 2.81 | 48.0 | 22.7 | 3.03 | 45.9 | 22.1 | 3.28 | 43.6 | 21.9 | 3.56 | 41.15 | 21.98 | 3.87 | 38.46 | 22.02 | 4.23 |
|       | 75     | 63     | 42.1 | 27.3 | 2.67 | 40.5 | 28.0 | 2.87 | 38.7 | 27.3 | 3.11 | 36.6 | 26.8 | 3.40 | 34.24 | 26.63 | 3.72 | 31.43 | 26.09 | 4.09 |
| 1575  | 80     | 62     | 42.4 | 36.8 | 2.74 | 40.8 | 36.9 | 2.95 | 39.1 | 35.9 | 3.19 | 37.1 | 35.2 | 3.47 | 35.18 | 33.99 | 3.81 | 33.05 | 32.91 | 4.18 |
|       | 80     | 67     | 46.3 | 30.3 | 2.80 | 44.5 | 30.7 | 3.02 | 42.5 | 30.0 | 3.26 | 40.4 | 29.9 | 3.54 | 37.96 | 29.62 | 3.86 | 35.30 | 29.44 | 4.23 |
|       | 80     | 72     | 50.5 | 23.2 | 2.89 | 48.5 | 23.7 | 3.11 | 46.4 | 23.0 | 3.36 | 44.1 | 23.1 | 3.64 | 41.65 | 22.94 | 3.96 | 38.90 | 23.14 | 4.32 |
|       | 75     | 63     | 42.8 | 29.2 | 2.75 | 41.1 | 29.5 | 2.95 | 39.3 | 28.7 | 3.19 | 37.1 | 28.5 | 3.47 | 34.70 | 27.96 | 3.80 | 31.97 | 27.69 | 4.16 |

# 13 SEER + LOOSE COIL COOLING EXPANDED RATINGS (CONTINUED)

MSH4BD048K C7B(A,H)M03648(C,U)-C

| O.D.T |        |        | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |       |      | 115°F |       |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C.  | K.W. | T.C.  | S.C.  | K.W. |
| 1400  | 80     | 62     | 48.8 | 37.6 | 3.02 | 46.6 | 37.2 | 3.30 | 44.2 | 37.1 | 3.61 | 41.4 | 36.1 | 3.96 | 39.16 | 37.73 | 4.37 | 36.69 | 35.35 | 4.83 |
|       | 80     | 67     | 53.6 | 31.3 | 3.08 | 51.4 | 31.0 | 3.36 | 48.9 | 31.2 | 3.68 | 46.2 | 30.4 | 4.02 | 42.94 | 29.64 | 4.41 | 39.88 | 27.39 | 4.86 |
|       | 80     | 72     | 59.2 | 24.5 | 3.18 | 56.8 | 24.3 | 3.46 | 54.2 | 24.8 | 3.77 | 51.2 | 24.2 | 4.12 | 47.88 | 23.70 | 4.50 | 44.17 | 24.01 | 4.94 |
|       | 75     | 63     | 49.5 | 30.3 | 3.02 | 47.3 | 29.9 | 3.31 | 44.9 | 29.9 | 3.62 | 41.9 | 29.0 | 3.96 | 39.54 | 26.53 | 4.37 | 36.96 | 28.52 | 4.83 |
| 1600  | 80     | 62     | 50.0 | 40.2 | 3.11 | 47.8 | 40.8 | 3.39 | 45.3 | 39.7 | 3.70 | 42.4 | 38.7 | 4.04 | 39.99 | 38.18 | 4.45 | 37.60 | 37.28 | 4.92 |
|       | 80     | 67     | 54.8 | 33.2 | 3.18 | 52.5 | 34.1 | 3.46 | 49.9 | 33.2 | 3.77 | 47.2 | 32.6 | 4.12 | 43.97 | 32.35 | 4.50 | 40.45 | 31.92 | 4.95 |
|       | 80     | 72     | 60.3 | 25.7 | 3.28 | 57.7 | 26.9 | 3.56 | 54.7 | 26.1 | 3.86 | 51.6 | 25.7 | 4.20 | 48.48 | 25.68 | 4.59 | 45.00 | 25.56 | 5.04 |
|       | 75     | 63     | 50.7 | 32.1 | 3.12 | 48.5 | 32.8 | 3.40 | 45.9 | 31.8 | 3.71 | 43.0 | 31.0 | 4.05 | 40.18 | 30.74 | 4.45 | 37.49 | 30.50 | 4.92 |
| 1800  | 80     | 62     | 51.0 | 43.1 | 3.20 | 48.8 | 43.2 | 3.48 | 46.3 | 41.9 | 3.79 | 43.6 | 41.0 | 4.14 | 40.88 | 39.50 | 4.54 | 38.56 | 38.40 | 5.00 |
|       | 80     | 67     | 55.8 | 35.6 | 3.27 | 53.4 | 36.0 | 3.55 | 50.8 | 35.0 | 3.86 | 47.9 | 34.7 | 4.21 | 44.76 | 34.21 | 4.60 | 40.87 | 33.80 | 5.03 |
|       | 80     | 72     | 60.7 | 27.5 | 3.36 | 58.2 | 28.1 | 3.65 | 55.4 | 27.1 | 3.95 | 52.5 | 27.1 | 4.30 | 49.19 | 26.76 | 4.69 | 45.74 | 26.84 | 5.13 |
|       | 75     | 63     | 51.6 | 34.3 | 3.20 | 49.3 | 34.5 | 3.49 | 46.7 | 33.5 | 3.80 | 43.8 | 33.0 | 4.14 | 40.63 | 32.33 | 4.53 | 37.88 | 32.04 | 5.00 |

MSH4BD060K with C6BH-X60C-(C,D)+VSB

| O.D.T |        |        | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |      |      | 115°F |      |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|-------|------|------|-------|------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C. | K.W. | T.C.  | S.C. | K.W. |
| 1750  | 80     | 62     | 54.5 | 41.2 | 3.63 | 52.3 | 40.4 | 4.06 | 49.9 | 39.5 | 4.54 | 47.2  | 38.1 | 5.08 | 43.9  | 36.5 | 5.73 |
|       | 80     | 67     | 59.9 | 36.1 | 3.66 | 57.3 | 34.9 | 4.09 | 54.6 | 33.8 | 4.57 | 51.6  | 32.5 | 5.11 | 47.7  | 30.9 | 5.77 |
|       | 80     | 72     | 65.6 | 30.5 | 3.70 | 62.9 | 29.3 | 4.13 | 60.2 | 28.2 | 4.61 | 56.8  | 26.9 | 5.15 | 52.4  | 25.4 | 5.81 |
|       | 75     | 63     | 55.8 | 35.3 | 3.64 | 53.6 | 34.2 | 4.06 | 51.0 | 33.0 | 4.54 | 48.1  | 31.7 | 5.09 | 44.5  | 30.2 | 5.73 |
| 2000  | 80     | 62     | 57.7 | 45.9 | 3.73 | 55.2 | 44.9 | 4.16 | 52.5 | 44.2 | 4.64 | 49.6  | 42.8 | 5.18 | 46.1  | 40.6 | 5.83 |
|       | 80     | 67     | 62.7 | 39.7 | 3.76 | 59.9 | 38.5 | 4.19 | 57.0 | 37.2 | 4.67 | 53.6  | 35.8 | 5.21 | 49.4  | 34.1 | 5.87 |
|       | 80     | 72     | 69.4 | 32.8 | 3.81 | 66.2 | 31.7 | 4.24 | 62.7 | 30.5 | 4.71 | 59.0  | 29.2 | 5.25 | 54.2  | 27.5 | 5.91 |
|       | 75     | 63     | 58.6 | 38.8 | 3.74 | 56.0 | 37.6 | 4.17 | 53.3 | 36.3 | 4.64 | 50.2  | 34.8 | 5.18 | 46.3  | 33.1 | 5.83 |
| 2250  | 80     | 62     | 59.9 | 50.3 | 3.87 | 57.3 | 49.4 | 4.30 | 54.4 | 48.3 | 4.77 | 51.3  | 46.6 | 5.31 | 47.2  | 44.1 | 5.97 |
|       | 80     | 67     | 64.7 | 42.8 | 3.90 | 61.8 | 41.5 | 4.32 | 58.7 | 40.1 | 4.80 | 55.2  | 38.7 | 5.35 | 50.8  | 36.8 | 6.01 |
|       | 80     | 72     | 71.1 | 35.0 | 3.94 | 67.8 | 33.8 | 4.37 | 64.2 | 32.5 | 4.85 | 60.2  | 31.2 | 5.39 | 55.0  | 29.5 | 6.04 |
|       | 75     | 63     | 60.6 | 41.7 | 3.87 | 57.9 | 40.4 | 4.30 | 54.9 | 39.0 | 4.77 | 51.7  | 37.5 | 5.32 | 47.6  | 35.7 | 5.97 |

# 13 SEER + AHU COOLING EXPANDED RATINGS

MSH4BD018K with B6BMM024K-(A,B)

| O.D.T |        |        | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |       |      | 115°F |       |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C.  | K.W. | T.C.  | S.C.  | K.W. |
| 500   | 80     | 62     | 17.7 | 14.0 | 1.06 | 16.9 | 13.9 | 1.19 | 16.0 | 13.9 | 1.32 | 15.1 | 13.6 | 1.47 | 14.19 | 13.95 | 1.64 | 13.42 | 13.19 | 1.82 |
|       | 80     | 67     | 19.5 | 11.3 | 1.08 | 18.7 | 11.2 | 1.20 | 17.7 | 11.3 | 1.34 | 16.6 | 11.0 | 1.48 | 15.39 | 10.72 | 1.64 | 14.34 | 10.11 | 1.83 |
|       | 80     | 72     | 21.6 | 8.8  | 1.10 | 20.7 | 8.8  | 1.23 | 19.7 | 8.9  | 1.36 | 18.7 | 8.7  | 1.51 | 17.45 | 8.50  | 1.67 | 16.05 | 8.60  | 1.85 |
|       | 75     | 63     | 17.9 | 10.9 | 1.07 | 17.1 | 10.8 | 1.19 | 16.2 | 10.8 | 1.33 | 15.2 | 10.5 | 1.47 | 14.23 | 9.58  | 1.64 | 13.24 | 10.33 | 1.82 |
| 650   | 80     | 62     | 18.8 | 16.4 | 1.11 | 18.0 | 16.6 | 1.24 | 17.2 | 16.1 | 1.38 | 16.3 | 15.4 | 1.52 | 15.31 | 14.79 | 1.69 | 14.39 | 14.27 | 1.87 |
|       | 80     | 67     | 20.5 | 12.9 | 1.13 | 19.6 | 13.2 | 1.26 | 18.5 | 12.9 | 1.39 | 17.4 | 12.7 | 1.53 | 16.17 | 12.57 | 1.69 | 14.86 | 12.74 | 1.88 |
|       | 80     | 72     | 22.6 | 9.8  | 1.16 | 21.6 | 10.2 | 1.28 | 20.6 | 9.9  | 1.42 | 19.4 | 9.8  | 1.56 | 18.13 | 9.84  | 1.72 | 16.61 | 9.79  | 1.90 |
|       | 75     | 63     | 18.9 | 12.4 | 1.11 | 18.0 | 12.7 | 1.24 | 17.0 | 12.3 | 1.37 | 15.8 | 12.0 | 1.52 | 14.76 | 11.92 | 1.68 | 13.75 | 12.14 | 1.87 |
| 800   | 80     | 62     | 20.0 | 18.2 | 1.17 | 19.2 | 17.9 | 1.29 | 18.3 | 17.1 | 1.43 | 17.4 | 16.5 | 1.58 | 16.33 | 15.77 | 1.74 | 15.07 | 15.01 | 1.92 |
|       | 80     | 67     | 21.1 | 14.5 | 1.18 | 20.1 | 14.7 | 1.30 | 19.1 | 14.3 | 1.44 | 18.0 | 14.6 | 1.58 | 16.70 | 14.47 | 1.74 | 15.14 | 14.32 | 1.92 |
|       | 80     | 72     | 23.2 | 11.0 | 1.22 | 22.1 | 11.2 | 1.34 | 21.0 | 10.9 | 1.47 | 19.8 | 10.8 | 1.61 | 18.47 | 10.72 | 1.77 | 17.02 | 10.74 | 1.95 |
|       | 75     | 63     | 19.5 | 13.9 | 1.16 | 18.5 | 14.0 | 1.29 | 17.6 | 14.0 | 1.42 | 16.4 | 13.9 | 1.57 | 15.11 | 13.62 | 1.73 | 14.03 | 13.59 | 1.91 |

MSH4BD024K with B6BMM024K-(A,B)

| O.D.T |        |        | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |       |      | 115°F |       |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C.  | K.W. | T.C.  | S.C.  | K.W. |
| 650   | 80     | 62     | 23.6 | 18.0 | 1.36 | 22.8 | 18.2 | 1.52 | 21.7 | 18.3 | 1.68 | 20.4 | 17.9 | 1.86 | 18.96 | 18.58 | 2.06 | 17.80 | 17.44 | 2.29 |
|       | 80     | 67     | 26.0 | 15.0 | 1.38 | 24.9 | 14.9 | 1.53 | 23.7 | 15.0 | 1.70 | 22.4 | 14.6 | 1.88 | 21.00 | 14.26 | 2.08 | 19.37 | 13.10 | 2.30 |
|       | 80     | 72     | 28.8 | 11.7 | 1.42 | 27.7 | 11.6 | 1.57 | 26.5 | 11.9 | 1.74 | 25.1 | 11.6 | 1.91 | 23.59 | 11.37 | 2.11 | 21.93 | 11.59 | 2.33 |
|       | 75     | 63     | 23.9 | 14.5 | 1.37 | 23.0 | 14.3 | 1.52 | 21.8 | 14.4 | 1.68 | 20.5 | 14.0 | 1.86 | 19.00 | 12.63 | 2.06 | 17.76 | 13.57 | 2.29 |
| 800   | 80     | 62     | 24.8 | 20.7 | 1.42 | 23.8 | 21.1 | 1.57 | 22.6 | 20.6 | 1.74 | 21.5 | 20.2 | 1.92 | 20.36 | 19.67 | 2.12 | 18.95 | 18.79 | 2.34 |
|       | 80     | 67     | 27.0 | 16.5 | 1.45 | 25.9 | 16.9 | 1.60 | 24.6 | 16.5 | 1.76 | 23.3 | 16.2 | 1.94 | 21.80 | 16.12 | 2.14 | 20.16 | 15.96 | 2.36 |
|       | 80     | 72     | 29.8 | 12.7 | 1.49 | 28.6 | 13.3 | 1.64 | 27.2 | 12.9 | 1.80 | 25.7 | 12.8 | 1.98 | 23.93 | 12.77 | 2.17 | 22.26 | 12.71 | 2.38 |
|       | 75     | 63     | 24.9 | 15.9 | 1.42 | 23.9 | 16.3 | 1.57 | 22.7 | 15.8 | 1.74 | 21.4 | 15.5 | 1.92 | 19.84 | 15.29 | 2.11 | 18.18 | 15.01 | 2.34 |
| 950   | 80     | 62     | 25.7 | 23.2 | 1.48 | 24.8 | 23.1 | 1.63 | 23.8 | 22.2 | 1.80 | 22.7 | 21.5 | 1.98 | 21.39 | 20.67 | 2.18 | 20.00 | 19.91 | 2.41 |
|       | 80     | 67     | 27.7 | 18.2 | 1.51 | 26.5 | 18.4 | 1.66 | 25.3 | 17.9 | 1.82 | 23.8 | 17.7 | 2.00 | 22.30 | 17.51 | 2.19 | 20.70 | 17.90 | 2.41 |
|       | 80     | 72     | 30.3 | 14.0 | 1.55 | 28.9 | 14.2 | 1.70 | 27.5 | 13.8 | 1.86 | 26.1 | 13.7 | 2.03 | 24.46 | 13.57 | 2.23 | 22.74 | 13.61 | 2.44 |
|       | 75     | 63     | 25.6 | 17.5 | 1.48 | 24.5 | 17.6 | 1.63 | 23.3 | 17.1 | 1.79 | 21.9 | 16.9 | 1.97 | 20.43 | 17.03 | 2.17 | 18.53 | 16.73 | 2.39 |

# 13 SEER + AHU COOLING EXPANDED RATINGS (CONTINUED)

MSH4BD030K with B6BMM030K-(A,B)

| O.D.T |        |        | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |       |      | 115°F |       |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C.  | K.W. | T.C.  | S.C.  | K.W. |
| 950   | 80     | 62     | 29.4 | 24.3 | 1.81 | 28.3 | 24.2 | 1.98 | 27.0 | 24.3 | 2.17 | 25.7 | 23.9 | 2.38 | 24.53 | 24.11 | 2.64 | 23.11 | 22.72 | 2.92 |
|       | 80     | 67     | 32.2 | 19.2 | 1.86 | 30.9 | 19.1 | 2.04 | 29.5 | 19.3 | 2.22 | 28.0 | 18.9 | 2.43 | 26.42 | 18.63 | 2.67 | 24.64 | 17.63 | 2.95 |
|       | 80     | 72     | 35.4 | 14.8 | 1.93 | 34.0 | 14.7 | 2.10 | 32.6 | 15.0 | 2.29 | 31.0 | 14.7 | 2.50 | 29.31 | 14.52 | 2.74 | 27.45 | 14.86 | 3.02 |
|       | 75     | 63     | 29.7 | 18.6 | 1.82 | 28.5 | 18.4 | 1.98 | 27.2 | 18.6 | 2.17 | 25.8 | 18.1 | 2.39 | 24.15 | 16.47 | 2.63 | 22.39 | 17.81 | 2.91 |
| 1100  | 80     | 62     | 30.3 | 26.5 | 1.88 | 29.1 | 27.0 | 2.05 | 28.2 | 26.2 | 2.24 | 27.0 | 25.5 | 2.46 | 25.64 | 24.77 | 2.71 | 24.15 | 23.94 | 2.99 |
|       | 80     | 67     | 32.9 | 20.6 | 1.94 | 31.5 | 21.2 | 2.10 | 30.1 | 20.7 | 2.29 | 28.6 | 20.5 | 2.49 | 26.95 | 20.48 | 2.73 | 25.11 | 20.41 | 3.01 |
|       | 80     | 72     | 36.1 | 15.6 | 2.01 | 34.7 | 16.4 | 2.18 | 33.2 | 15.9 | 2.36 | 31.6 | 15.8 | 2.57 | 29.80 | 15.91 | 2.81 | 27.90 | 16.00 | 3.09 |
|       | 75     | 63     | 30.4 | 19.9 | 1.88 | 29.2 | 20.4 | 2.05 | 27.8 | 19.9 | 2.24 | 26.3 | 19.6 | 2.45 | 24.67 | 19.48 | 2.69 | 22.95 | 19.95 | 2.97 |
| 1250  | 80     | 62     | 31.4 | 28.5 | 1.96 | 30.4 | 28.3 | 2.13 | 29.2 | 27.2 | 2.32 | 27.9 | 26.5 | 2.53 | 26.51 | 25.62 | 2.78 | 24.97 | 24.87 | 3.06 |
|       | 80     | 67     | 33.4 | 22.3 | 2.00 | 32.1 | 22.5 | 2.17 | 30.6 | 22.0 | 2.35 | 29.0 | 22.0 | 2.56 | 27.32 | 21.81 | 2.80 | 25.52 | 22.67 | 3.08 |
|       | 80     | 72     | 36.7 | 16.8 | 2.08 | 35.2 | 17.2 | 2.25 | 33.6 | 16.7 | 2.43 | 31.9 | 16.8 | 2.64 | 30.11 | 16.76 | 2.88 | 28.13 | 16.95 | 3.15 |
|       | 75     | 63     | 30.9 | 21.4 | 1.95 | 29.6 | 21.6 | 2.11 | 28.3 | 21.1 | 2.30 | 26.7 | 20.9 | 2.51 | 25.11 | 21.48 | 2.75 | 23.29 | 21.44 | 3.03 |

MSH4BD036K with B6BMM036K-B

| O.D.T |        |        | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |       |      | 115°F |       |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C.  | K.W. | T.C.  | S.C.  | K.W. |
| 1000  | 80     | 62     | 35.4 | 27.2 | 2.23 | 34.0 | 26.9 | 2.46 | 32.4 | 27.0 | 2.71 | 30.6 | 26.4 | 2.99 | 28.71 | 27.66 | 3.30 | 26.68 | 25.71 | 3.66 |
|       | 80     | 67     | 38.9 | 22.6 | 2.30 | 37.4 | 22.4 | 2.52 | 35.7 | 22.6 | 2.77 | 33.9 | 22.2 | 3.05 | 31.87 | 21.76 | 3.37 | 29.74 | 19.70 | 3.73 |
|       | 80     | 72     | 42.8 | 17.6 | 2.38 | 41.2 | 17.5 | 2.61 | 39.4 | 17.8 | 2.86 | 37.5 | 17.5 | 3.15 | 35.39 | 17.17 | 3.47 | 33.13 | 17.56 | 3.84 |
|       | 75     | 63     | 36.0 | 21.9 | 2.24 | 34.5 | 21.7 | 2.47 | 32.9 | 21.8 | 2.72 | 31.1 | 21.3 | 2.99 | 29.20 | 19.30 | 3.31 | 27.08 | 20.85 | 3.67 |
| 1150  | 80     | 62     | 36.4 | 29.2 | 2.30 | 34.8 | 29.7 | 2.52 | 33.2 | 29.0 | 2.77 | 31.4 | 28.5 | 3.05 | 29.54 | 28.10 | 3.37 | 27.60 | 27.37 | 3.73 |
|       | 80     | 67     | 39.8 | 24.1 | 2.37 | 38.2 | 24.8 | 2.59 | 36.5 | 24.2 | 2.84 | 34.6 | 23.9 | 3.12 | 32.55 | 23.82 | 3.45 | 30.30 | 23.72 | 3.80 |
|       | 80     | 72     | 43.8 | 18.5 | 2.46 | 42.1 | 19.4 | 2.69 | 40.2 | 18.8 | 2.94 | 38.2 | 18.6 | 3.22 | 36.02 | 18.74 | 3.55 | 33.65 | 18.82 | 3.91 |
|       | 75     | 63     | 36.9 | 23.3 | 2.32 | 35.4 | 23.9 | 2.53 | 33.7 | 23.2 | 2.78 | 31.8 | 22.9 | 3.06 | 29.80 | 22.70 | 3.38 | 27.66 | 22.49 | 3.73 |
| 1300  | 80     | 62     | 37.1 | 31.4 | 2.37 | 35.6 | 31.5 | 2.59 | 33.9 | 30.7 | 2.84 | 32.2 | 30.2 | 3.12 | 30.35 | 29.32 | 3.44 | 28.59 | 28.47 | 3.81 |
|       | 80     | 67     | 40.6 | 25.9 | 2.44 | 38.9 | 26.2 | 2.66 | 37.1 | 25.6 | 2.91 | 35.2 | 25.5 | 3.19 | 33.04 | 25.25 | 3.51 | 30.77 | 25.28 | 3.87 |
|       | 80     | 72     | 44.5 | 19.8 | 2.53 | 42.7 | 20.3 | 2.76 | 40.8 | 19.7 | 3.01 | 38.7 | 19.7 | 3.29 | 36.35 | 19.65 | 3.61 | 33.99 | 19.85 | 3.98 |
|       | 75     | 63     | 37.6 | 25.0 | 2.38 | 36.0 | 25.2 | 2.60 | 34.2 | 24.5 | 2.85 | 32.4 | 24.3 | 3.13 | 30.29 | 24.03 | 3.44 | 28.09 | 23.78 | 3.79 |

MSH4BD042K with B6BMM042K-B

| O.D.T |        |        | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |       |      | 115°F |       |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C.  | K.W. | T.C.  | S.C.  | K.W. |
| 1400  | 80     | 62     | 41.6 | 34.3 | 2.63 | 39.9 | 34.0 | 2.84 | 37.9 | 34.0 | 3.10 | 35.8 | 33.0 | 3.39 | 33.51 | 32.94 | 3.73 | 31.23 | 30.70 | 4.11 |
|       | 80     | 67     | 45.7 | 28.3 | 2.67 | 43.9 | 28.1 | 2.89 | 41.8 | 28.3 | 3.15 | 39.5 | 27.7 | 3.44 | 36.99 | 27.23 | 3.77 | 34.20 | 24.97 | 4.14 |
|       | 80     | 72     | 50.2 | 21.6 | 2.75 | 48.2 | 21.5 | 2.97 | 46.0 | 21.9 | 3.22 | 43.6 | 21.5 | 3.51 | 40.90 | 21.12 | 3.84 | 38.10 | 21.50 | 4.21 |
|       | 75     | 63     | 42.2 | 27.3 | 2.63 | 40.5 | 27.0 | 2.85 | 38.4 | 27.2 | 3.10 | 36.2 | 26.5 | 3.40 | 33.59 | 23.63 | 3.73 | 30.76 | 25.58 | 4.10 |
| 1550  | 80     | 62     | 42.3 | 36.1 | 2.69 | 40.6 | 36.6 | 2.91 | 38.7 | 35.5 | 3.16 | 36.6 | 34.5 | 3.46 | 34.54 | 33.37 | 3.80 | 32.26 | 31.99 | 4.18 |
|       | 80     | 67     | 46.4 | 29.7 | 2.75 | 44.5 | 30.5 | 2.97 | 42.3 | 29.7 | 3.21 | 40.0 | 29.4 | 3.50 | 37.42 | 29.25 | 3.84 | 34.61 | 28.86 | 4.21 |
|       | 80     | 72     | 50.7 | 22.5 | 2.82 | 48.7 | 23.5 | 3.04 | 46.4 | 22.8 | 3.29 | 44.0 | 22.6 | 3.58 | 41.32 | 22.67 | 3.91 | 38.49 | 22.68 | 4.28 |
|       | 75     | 63     | 42.9 | 28.6 | 2.70 | 41.0 | 29.3 | 2.91 | 39.0 | 28.5 | 3.17 | 36.7 | 28.0 | 3.46 | 34.03 | 27.53 | 3.79 | 31.02 | 27.01 | 4.16 |
| 1700  | 80     | 62     | 43.0 | 38.0 | 2.76 | 41.3 | 38.0 | 2.98 | 39.3 | 36.7 | 3.23 | 37.5 | 35.6 | 3.53 | 35.38 | 34.19 | 3.87 | 33.10 | 32.96 | 4.25 |
|       | 80     | 67     | 46.9 | 31.5 | 2.82 | 44.9 | 31.9 | 3.03 | 42.7 | 31.1 | 3.28 | 40.3 | 30.9 | 3.57 | 37.76 | 30.38 | 3.90 | 34.88 | 30.27 | 4.28 |
|       | 80     | 72     | 51.1 | 23.8 | 2.89 | 49.1 | 24.3 | 3.11 | 46.8 | 23.6 | 3.36 | 44.3 | 23.6 | 3.65 | 41.67 | 23.48 | 3.98 | 38.80 | 23.66 | 4.35 |
|       | 75     | 63     | 43.4 | 30.3 | 2.77 | 41.5 | 30.5 | 2.99 | 39.4 | 29.7 | 3.23 | 37.0 | 29.2 | 3.52 | 34.43 | 28.73 | 3.86 | 31.40 | 28.32 | 4.23 |

MSH4BD048K with B6BMM048K-(B,C)

| O.D.T |        |        | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |       |      | 115°F |       |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C.  | K.W. | T.C.  | S.C.  | K.W. |
| 1200  | 80     | 62     | 47.7 | 34.8 | 2.95 | 45.8 | 34.4 | 3.23 | 43.7 | 34.5 | 3.54 | 41.2 | 33.5 | 3.89 | 38.32 | 34.94 | 4.29 | 35.92 | 32.75 | 4.76 |
|       | 80     | 67     | 52.4 | 29.2 | 3.02 | 50.4 | 28.9 | 3.30 | 48.2 | 29.2 | 3.61 | 45.7 | 28.5 | 3.97 | 43.03 | 27.88 | 4.37 | 39.90 | 25.20 | 4.82 |
|       | 80     | 72     | 58.0 | 23.1 | 3.14 | 55.8 | 23.0 | 3.42 | 53.5 | 23.4 | 3.73 | 50.9 | 22.9 | 4.08 | 48.04 | 22.46 | 4.48 | 44.92 | 22.95 | 4.93 |
|       | 75     | 63     | 48.4 | 28.3 | 2.96 | 46.5 | 28.0 | 3.24 | 44.3 | 28.1 | 3.55 | 41.9 | 27.3 | 3.90 | 38.85 | 24.77 | 4.29 | 36.36 | 26.63 | 4.76 |
| 1350  | 80     | 62     | 48.9 | 36.9 | 3.02 | 47.0 | 37.6 | 3.30 | 44.7 | 36.4 | 3.62 | 42.2 | 35.8 | 3.97 | 39.30 | 35.33 | 4.36 | 36.57 | 34.88 | 4.82 |
|       | 80     | 67     | 53.6 | 30.7 | 3.10 | 51.6 | 31.6 | 3.38 | 49.3 | 30.7 | 3.70 | 46.8 | 30.3 | 4.05 | 43.94 | 30.14 | 4.44 | 40.89 | 29.91 | 4.90 |
|       | 80     | 72     | 59.2 | 24.0 | 3.22 | 57.0 | 25.2 | 3.50 | 54.5 | 24.4 | 3.82 | 51.8 | 24.2 | 4.17 | 48.84 | 24.29 | 4.57 | 45.59 | 24.36 | 5.02 |
|       | 75     | 63     | 49.6 | 29.7 | 3.03 | 47.7 | 30.5 | 3.32 | 45.4 | 29.6 | 3.63 | 42.9 | 29.0 | 3.98 | 40.04 | 28.69 | 4.37 | 36.95 | 28.26 | 4.83 |
| 1500  | 80     | 62     | 49.9 | 39.2 | 3.10 | 47.9 | 39.4 | 3.38 | 45.6 | 38.4 | 3.69 | 43.1 | 37.9 | 4.04 | 40.26 | 37.24 | 4.44 | 37.17 | 36.56 | 4.89 |
|       | 80     | 67     | 54.7 | 32.6 | 3.18 | 52.6 | 33.1 | 3.46 | 50.2 | 32.2 | 3.77 | 47.6 | 32.0 | 4.12 | 44.72 | 31.59 | 4.52 | 41.59 | 31.54 | 4.97 |
|       | 80     | 72     | 60.2 | 25.6 | 3.30 | 57.8 | 26.2 | 3.58 | 55.3 | 25.4 | 3.90 | 52.5 | 25.4 | 4.25 | 49.34 | 25.24 | 4.64 | 45.91 | 25.47 | 5.09 |
|       | 75     | 63     | 50.6 | 31.6 | 3.11 | 48.6 | 31.9 | 3.39 | 46.3 | 30.9 | 3.70 | 43.7 | 30.6 | 4.05 | 40.89 | 30.10 | 4.45 | 37.45 | 29.69 | 4.89 |

# 13 SEER + AHU COOLING EXPANDED RATINGS (CONTINUED)

MSH4BD060K with B6BMM060K-C

| O.D.T |        |        | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |       |      | 115°F |       |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C.  | K.W. | T.C.  | S.C.  | K.W. |
| 1450  | 80     | 62     | 58.3 | 40.8 | 3.54 | 55.9 | 40.3 | 3.90 | 53.2 | 40.3 | 4.29 | 50.0 | 39.2 | 4.74 | 47.19 | 41.30 | 5.28 | 44.22 | 38.70 | 5.88 |
|       | 80     | 67     | 64.2 | 34.5 | 3.67 | 61.7 | 34.1 | 4.02 | 58.9 | 34.4 | 4.43 | 55.9 | 33.5 | 4.89 | 52.57 | 32.80 | 5.40 | 48.85 | 29.84 | 5.97 |
|       | 80     | 72     | 70.9 | 27.6 | 3.84 | 68.4 | 27.5 | 4.20 | 65.5 | 28.0 | 4.61 | 61.9 | 27.1 | 5.06 | 58.36 | 26.56 | 5.58 | 54.54 | 27.13 | 6.15 |
|       | 75     | 63     | 59.3 | 33.6 | 3.56 | 56.9 | 33.1 | 3.92 | 54.2 | 33.2 | 4.31 | 51.0 | 32.2 | 4.77 | 47.89 | 29.38 | 5.29 | 44.84 | 31.59 | 5.89 |
| 1600  | 80     | 62     | 59.8 | 42.7 | 3.61 | 57.3 | 43.6 | 3.96 | 54.5 | 42.3 | 4.36 | 51.3 | 41.6 | 4.81 | 48.09 | 41.21 | 5.33 | 45.00 | 40.65 | 5.93 |
|       | 80     | 67     | 65.7 | 35.9 | 3.74 | 63.1 | 37.0 | 4.10 | 60.3 | 35.8 | 4.50 | 57.2 | 35.3 | 4.96 | 53.74 | 35.15 | 5.48 | 49.96 | 34.88 | 6.04 |
|       | 80     | 72     | 72.5 | 28.5 | 3.92 | 69.8 | 29.9 | 4.28 | 66.4 | 28.8 | 4.68 | 62.9 | 28.4 | 5.13 | 59.39 | 28.52 | 5.66 | 55.50 | 28.57 | 6.23 |
|       | 75     | 63     | 60.7 | 34.9 | 3.63 | 58.2 | 35.8 | 3.98 | 55.4 | 34.6 | 4.38 | 52.4 | 33.9 | 4.84 | 48.70 | 33.45 | 5.34 | 45.58 | 33.24 | 5.94 |
| 1750  | 80     | 62     | 61.0 | 45.2 | 3.67 | 58.4 | 45.4 | 4.02 | 55.6 | 44.2 | 4.42 | 52.4 | 43.7 | 4.88 | 48.78 | 42.63 | 5.38 | 45.61 | 42.50 | 5.98 |
|       | 80     | 67     | 67.0 | 37.9 | 3.81 | 64.3 | 38.3 | 4.17 | 61.4 | 37.2 | 4.57 | 58.2 | 37.0 | 5.03 | 54.74 | 36.54 | 5.54 | 51.00 | 36.53 | 6.11 |
|       | 80     | 72     | 73.8 | 30.1 | 4.00 | 70.5 | 30.7 | 4.35 | 67.3 | 29.6 | 4.75 | 63.9 | 29.6 | 5.20 | 60.24 | 29.43 | 5.73 | 56.29 | 29.75 | 6.30 |
|       | 75     | 63     | 61.9 | 36.8 | 3.69 | 59.4 | 37.1 | 4.04 | 56.5 | 35.9 | 4.44 | 53.3 | 35.5 | 4.90 | 49.78 | 34.80 | 5.40 | 46.26 | 34.65 | 5.98 |

# 13 SEER + LOOSE COIL HEATING EXPANDED RATINGS

MSH4BD018K / C7B(A,H)M01824(C,U)-A

|         |                 | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|-----------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 100 CFM | Indoor T. Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|         |                 | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 480     | 60              | 9.9                          | 2.03 | 1.43 | 12.1 | 2.41 | 1.47 | 13.0 | 2.57 | 1.49 | 16.2 | 3.08 | 1.54 | 19.3 | 3.55 | 1.60 | 21.5 | 3.86 | 1.63 | 22.4 | 3.99 | 1.65 | 25.6 | 4.40 | 1.71 |
|         | 70              | 9.4                          | 2.01 | 1.36 | 11.4 | 2.35 | 1.42 | 12.3 | 2.49 | 1.45 | 15.1 | 2.91 | 1.53 | 18.0 | 3.29 | 1.61 | 20.1 | 3.53 | 1.67 | 20.9 | 3.63 | 1.69 | 23.8 | 3.94 | 1.77 |
|         | 80              | 8.8                          | 1.95 | 1.32 | 10.6 | 2.25 | 1.39 | 11.4 | 2.37 | 1.41 | 14.1 | 2.73 | 1.51 | 16.7 | 3.06 | 1.60 | 18.6 | 3.26 | 1.67 | 19.4 | 3.34 | 1.70 | 22.0 | 3.60 | 1.79 |
| 580     | 60              | 9.9                          | 1.98 | 1.47 | 12.2 | 2.37 | 1.51 | 13.1 | 2.53 | 1.53 | 16.3 | 3.04 | 1.58 | 19.5 | 3.51 | 1.63 | 21.8 | 3.83 | 1.67 | 22.7 | 3.96 | 1.68 | 25.9 | 4.38 | 1.74 |
|         | 70              | 9.5                          | 1.96 | 1.42 | 11.5 | 2.30 | 1.47 | 12.4 | 2.44 | 1.49 | 15.4 | 2.86 | 1.57 | 18.3 | 3.25 | 1.65 | 20.3 | 3.50 | 1.71 | 21.2 | 3.60 | 1.73 | 24.2 | 3.92 | 1.81 |
|         | 80              | 8.9                          | 1.92 | 1.36 | 10.8 | 2.22 | 1.43 | 11.6 | 2.34 | 1.46 | 14.3 | 2.70 | 1.55 | 17.0 | 3.02 | 1.65 | 18.9 | 3.23 | 1.72 | 19.7 | 3.31 | 1.75 | 22.4 | 3.57 | 1.84 |
| 680     | 60              | 10.1                         | 1.95 | 1.52 | 12.4 | 2.34 | 1.55 | 13.3 | 2.50 | 1.57 | 16.6 | 3.00 | 1.62 | 19.8 | 3.49 | 1.66 | 22.0 | 3.81 | 1.70 | 23.0 | 3.94 | 1.71 | 26.2 | 4.37 | 1.76 |
|         | 70              | 9.6                          | 1.93 | 1.45 | 11.7 | 2.27 | 1.51 | 12.6 | 2.41 | 1.53 | 15.6 | 2.84 | 1.61 | 18.6 | 3.23 | 1.68 | 20.6 | 3.48 | 1.74 | 21.5 | 3.59 | 1.76 | 24.5 | 3.91 | 1.84 |
|         | 80              | 9.0                          | 1.89 | 1.40 | 10.9 | 2.18 | 1.47 | 11.8 | 2.30 | 1.50 | 14.5 | 2.66 | 1.60 | 17.2 | 2.98 | 1.69 | 19.1 | 3.18 | 1.76 | 19.9 | 3.26 | 1.79 | 22.6 | 3.52 | 1.89 |

MSH4BD024K / C7B(A,H)M01824(C,U)-B

|         |                 | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|-----------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 100 CFM | Indoor T. Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|         |                 | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 755     | 60              | 12.4                         | 2.25 | 1.61 | 15.0 | 2.59 | 1.70 | 16.2 | 2.72 | 1.74 | 20.0 | 3.12 | 1.87 | 23.8 | 3.47 | 2.01 | 26.4 | 3.69 | 2.10 | 27.6 | 3.78 | 2.14 | 31.4 | 4.05 | 2.27 |
|         | 70              | 11.8                         | 2.20 | 1.57 | 14.3 | 2.48 | 1.69 | 15.4 | 2.59 | 1.74 | 18.9 | 2.92 | 1.90 | 22.5 | 3.20 | 2.06 | 25.0 | 3.37 | 2.18 | 26.1 | 3.43 | 2.22 | 29.6 | 3.64 | 2.39 |
|         | 80              | 11.2                         | 2.11 | 1.56 | 13.5 | 2.35 | 1.68 | 14.5 | 2.45 | 1.74 | 17.9 | 2.72 | 1.92 | 21.2 | 2.95 | 2.11 | 23.5 | 3.09 | 2.23 | 24.5 | 3.14 | 2.29 | 27.9 | 3.30 | 2.47 |
| 855     | 60              | 12.4                         | 2.21 | 1.65 | 15.1 | 2.55 | 1.74 | 16.3 | 2.68 | 1.78 | 20.1 | 3.10 | 1.91 | 24.0 | 3.46 | 2.04 | 26.7 | 3.68 | 2.13 | 27.9 | 3.77 | 2.17 | 31.8 | 4.05 | 2.30 |
|         | 70              | 11.9                         | 2.15 | 1.62 | 14.4 | 2.44 | 1.73 | 15.5 | 2.56 | 1.78 | 19.1 | 2.90 | 1.94 | 22.8 | 3.18 | 2.10 | 25.3 | 3.36 | 2.21 | 26.4 | 3.43 | 2.25 | 30.0 | 3.65 | 2.41 |
|         | 80              | 11.3                         | 2.08 | 1.60 | 13.7 | 2.33 | 1.72 | 14.7 | 2.42 | 1.78 | 18.1 | 2.71 | 1.96 | 21.5 | 2.94 | 2.14 | 23.9 | 3.08 | 2.27 | 24.9 | 3.14 | 2.33 | 28.3 | 3.31 | 2.51 |
| 955     | 60              | 12.5                         | 2.17 | 1.69 | 15.3 | 2.52 | 1.78 | 16.4 | 2.65 | 1.82 | 20.3 | 3.07 | 1.94 | 24.2 | 3.44 | 2.07 | 27.0 | 3.67 | 2.15 | 28.1 | 3.77 | 2.19 | 32.0 | 4.06 | 2.32 |
|         | 70              | 12.0                         | 2.13 | 1.66 | 14.6 | 2.42 | 1.77 | 15.7 | 2.54 | 1.81 | 19.3 | 2.88 | 1.97 | 23.0 | 3.18 | 2.12 | 25.6 | 3.36 | 2.23 | 26.7 | 3.43 | 2.28 | 30.4 | 3.65 | 2.44 |
|         | 80              | 11.4                         | 2.05 | 1.64 | 13.8 | 2.30 | 1.76 | 14.9 | 2.40 | 1.82 | 18.3 | 2.68 | 2.00 | 21.7 | 2.92 | 2.18 | 24.1 | 3.06 | 2.30 | 25.1 | 3.12 | 2.36 | 28.5 | 3.29 | 2.54 |

MSH4BD030K / C7B(A,H)M03036(C,U)-A

|         |                 | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|-----------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 100 CFM | Indoor T. Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|         |                 | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 910     | 60              | 16.0                         | 2.41 | 1.94 | 19.2 | 2.81 | 2.01 | 20.6 | 2.97 | 2.04 | 25.2 | 3.48 | 2.13 | 29.8 | 3.94 | 2.22 | 33.1 | 4.25 | 2.28 | 34.4 | 4.37 | 2.31 | 39.1 | 4.77 | 2.40 |
|         | 70              | 15.3                         | 2.30 | 1.96 | 18.4 | 2.65 | 2.04 | 19.7 | 2.79 | 2.07 | 24.1 | 3.24 | 2.18 | 28.5 | 3.64 | 2.30 | 31.6 | 3.90 | 2.37 | 32.9 | 4.01 | 2.41 | 37.3 | 4.34 | 2.52 |
|         | 80              | 14.8                         | 2.17 | 1.99 | 17.7 | 2.49 | 2.08 | 18.9 | 2.62 | 2.12 | 23.1 | 3.02 | 2.24 | 27.3 | 3.38 | 2.37 | 30.2 | 3.61 | 2.45 | 31.4 | 3.70 | 2.49 | 35.6 | 3.99 | 2.62 |
| 1010    | 60              | 16.0                         | 2.37 | 1.98 | 19.3 | 2.77 | 2.04 | 20.7 | 2.94 | 2.07 | 25.4 | 3.45 | 2.16 | 30.1 | 3.93 | 2.25 | 33.4 | 4.24 | 2.31 | 34.8 | 4.37 | 2.33 | 39.4 | 4.78 | 2.42 |
|         | 70              | 15.5                         | 2.27 | 2.00 | 18.6 | 2.62 | 2.08 | 19.9 | 2.77 | 2.11 | 24.4 | 3.22 | 2.22 | 28.8 | 3.63 | 2.33 | 31.9 | 3.90 | 2.40 | 33.2 | 4.01 | 2.43 | 37.7 | 4.35 | 2.54 |
|         | 80              | 14.9                         | 2.15 | 2.03 | 17.8 | 2.47 | 2.11 | 19.1 | 2.60 | 2.15 | 23.3 | 3.01 | 2.28 | 27.6 | 3.37 | 2.40 | 30.5 | 3.60 | 2.49 | 31.8 | 3.69 | 2.52 | 36.0 | 3.99 | 2.65 |
| 1110    | 60              | 16.1                         | 2.34 | 2.02 | 19.4 | 2.74 | 2.08 | 20.9 | 2.90 | 2.11 | 25.6 | 3.43 | 2.19 | 30.3 | 3.91 | 2.27 | 33.6 | 4.23 | 2.33 | 35.0 | 4.36 | 2.36 | 39.8 | 4.77 | 2.44 |
|         | 70              | 15.6                         | 2.25 | 2.03 | 18.7 | 2.61 | 2.11 | 20.1 | 2.75 | 2.14 | 24.6 | 3.21 | 2.25 | 29.1 | 3.62 | 2.35 | 32.2 | 3.89 | 2.43 | 33.6 | 4.00 | 2.46 | 38.0 | 4.35 | 2.56 |
|         | 80              | 15.0                         | 2.13 | 2.06 | 18.0 | 2.45 | 2.15 | 19.3 | 2.58 | 2.19 | 23.5 | 2.99 | 2.31 | 27.8 | 3.35 | 2.43 | 30.7 | 3.58 | 2.52 | 32.0 | 3.68 | 2.55 | 36.3 | 3.97 | 2.67 |

# 13 SEER + LOOSE COIL HEATING EXPANDED RATINGS (CONTINUED)

MSH4BD036K / C7B(A,H)M03036(C,U)-B

|         |                 | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|-----------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 150 CFM | Indoor T. Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|         |                 | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 1030    | 60              | 20.4                         | 2.62 | 2.29 | 24.2 | 2.97 | 2.39 | 25.7 | 3.11 | 2.43 | 31.0 | 3.54 | 2.57 | 36.3 | 3.93 | 2.71 | 40.0 | 4.18 | 2.81 | 41.6 | 4.28 | 2.85 | 46.9 | 4.60 | 2.99 |
|         | 70              | 19.7                         | 2.45 | 2.36 | 23.3 | 2.76 | 2.47 | 24.8 | 2.89 | 2.52 | 29.9 | 3.28 | 2.68 | 35.0 | 3.62 | 2.84 | 38.6 | 3.84 | 2.95 | 40.1 | 3.93 | 3.00 | 45.2 | 4.20 | 3.15 |
|         | 80              | 19.2                         | 2.29 | 2.45 | 22.6 | 2.58 | 2.57 | 24.0 | 2.69 | 2.62 | 28.9 | 3.03 | 2.80 | 33.8 | 3.34 | 2.97 | 37.2 | 3.53 | 3.09 | 38.7 | 3.61 | 3.14 | 43.5 | 3.85 | 3.32 |
| 1180    | 60              | 20.6                         | 2.58 | 2.34 | 24.4 | 2.94 | 2.43 | 26.0 | 3.08 | 2.47 | 31.4 | 3.53 | 2.61 | 36.8 | 3.93 | 2.74 | 40.5 | 4.19 | 2.83 | 42.1 | 4.30 | 2.87 | 47.5 | 4.64 | 3.01 |
|         | 70              | 19.9                         | 2.42 | 2.41 | 23.5 | 2.74 | 2.52 | 25.1 | 2.87 | 2.57 | 30.3 | 3.27 | 2.72 | 35.4 | 3.62 | 2.87 | 39.1 | 3.85 | 2.97 | 40.6 | 3.94 | 3.02 | 45.8 | 4.23 | 3.17 |
|         | 80              | 19.3                         | 2.26 | 2.50 | 22.8 | 2.55 | 2.62 | 24.3 | 2.67 | 2.67 | 29.3 | 3.03 | 2.84 | 34.2 | 3.34 | 3.00 | 37.7 | 3.55 | 3.12 | 39.2 | 3.63 | 3.17 | 44.2 | 3.88 | 3.34 |
| 1330    | 60              | 20.7                         | 2.54 | 2.39 | 24.5 | 2.90 | 2.48 | 26.2 | 3.05 | 2.52 | 31.6 | 3.51 | 2.65 | 37.1 | 3.92 | 2.77 | 41.0 | 4.19 | 2.87 | 42.6 | 4.30 | 2.90 | 48.1 | 4.65 | 3.03 |
|         | 70              | 20.1                         | 2.40 | 2.46 | 23.8 | 2.72 | 2.56 | 25.4 | 2.85 | 2.61 | 30.6 | 3.26 | 2.75 | 35.8 | 3.63 | 2.90 | 39.5 | 3.86 | 3.00 | 41.1 | 3.96 | 3.05 | 46.3 | 4.25 | 3.19 |
|         | 80              | 19.5                         | 2.24 | 2.55 | 23.0 | 2.54 | 2.66 | 24.5 | 2.65 | 2.71 | 29.5 | 3.02 | 2.87 | 34.6 | 3.34 | 3.03 | 38.1 | 3.55 | 3.15 | 39.6 | 3.63 | 3.20 | 44.6 | 3.90 | 3.36 |

MSH4BD042K / C7B(A,H)M03642(C,U)-B

|         |                 | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|-----------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 150 CFM | Indoor T. Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|         |                 | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 1170    | 60              | 22.0                         | 2.50 | 2.58 | 25.9 | 2.74 | 2.78 | 27.6 | 2.83 | 2.86 | 33.1 | 3.10 | 3.13 | 38.7 | 3.33 | 3.41 | 42.6 | 3.47 | 3.60 | 44.3 | 3.52 | 3.69 | 49.8 | 3.69 | 3.96 |
|         | 70              | 21.2                         | 2.30 | 2.70 | 25.0 | 2.52 | 2.91 | 26.6 | 2.60 | 3.00 | 32.0 | 2.84 | 3.31 | 37.4 | 3.04 | 3.61 | 41.1 | 3.16 | 3.82 | 42.8 | 3.21 | 3.91 | 48.1 | 3.35 | 4.21 |
|         | 80              | 20.7                         | 2.14 | 2.84 | 24.3 | 2.32 | 3.07 | 25.9 | 2.39 | 3.17 | 31.0 | 2.60 | 3.50 | 36.2 | 2.77 | 3.82 | 39.8 | 2.88 | 4.05 | 41.3 | 2.92 | 4.15 | 46.5 | 3.04 | 4.48 |
| 1320    | 60              | 22.2                         | 2.47 | 2.63 | 26.1 | 2.72 | 2.81 | 27.8 | 2.82 | 2.89 | 33.5 | 3.11 | 3.16 | 39.1 | 3.35 | 3.43 | 43.1 | 3.50 | 3.61 | 44.8 | 3.56 | 3.69 | 50.4 | 3.74 | 3.96 |
|         | 70              | 21.5                         | 2.29 | 2.75 | 25.3 | 2.51 | 2.95 | 26.9 | 2.60 | 3.04 | 32.4 | 2.85 | 3.33 | 37.8 | 3.06 | 3.62 | 41.6 | 3.19 | 3.82 | 43.2 | 3.25 | 3.91 | 48.7 | 3.40 | 4.20 |
|         | 80              | 20.9                         | 2.12 | 2.89 | 24.5 | 2.31 | 3.11 | 26.1 | 2.39 | 3.20 | 31.3 | 2.61 | 3.52 | 36.6 | 2.80 | 3.83 | 40.3 | 2.91 | 4.05 | 41.8 | 2.96 | 4.15 | 47.1 | 3.09 | 4.46 |
| 1470    | 60              | 22.2                         | 2.44 | 2.67 | 26.2 | 2.70 | 2.85 | 28.0 | 2.80 | 2.93 | 33.7 | 3.10 | 3.19 | 39.5 | 3.35 | 3.45 | 43.5 | 3.51 | 3.63 | 45.2 | 3.57 | 3.71 | 51.0 | 3.76 | 3.97 |
|         | 70              | 21.7                         | 2.28 | 2.79 | 25.5 | 2.50 | 2.99 | 27.2 | 2.59 | 3.08 | 32.7 | 2.86 | 3.36 | 38.2 | 3.08 | 3.64 | 42.1 | 3.22 | 3.83 | 43.7 | 3.27 | 3.92 | 49.2 | 3.44 | 4.20 |
|         | 80              | 21.1                         | 2.11 | 2.93 | 24.8 | 2.31 | 3.15 | 26.3 | 2.39 | 3.24 | 31.6 | 2.62 | 3.54 | 36.9 | 2.82 | 3.85 | 40.6 | 2.94 | 4.06 | 42.2 | 2.98 | 4.15 | 47.5 | 3.13 | 4.45 |

MSH4BD048K / C7B(A,H)M03648(C,U)-C

|         |                 | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|-----------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 200 CFM | Indoor T. Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|         |                 | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 1195    | 60              | 26.5                         | 2.55 | 3.06 | 31.4 | 2.88 | 3.19 | 33.5 | 3.02 | 3.25 | 40.4 | 3.43 | 3.45 | 47.3 | 3.81 | 3.65 | 52.2 | 4.04 | 3.78 | 54.2 | 4.14 | 3.84 | 61.2 | 4.44 | 4.04 |
|         | 70              | 25.7                         | 2.32 | 3.24 | 30.4 | 2.63 | 3.39 | 32.4 | 2.76 | 3.45 | 39.2 | 3.14 | 3.66 | 46.0 | 3.48 | 3.87 | 50.7 | 3.70 | 4.01 | 52.7 | 3.79 | 4.08 | 59.5 | 4.07 | 4.29 |
|         | 80              | 25.2                         | 2.14 | 3.45 | 29.7 | 2.42 | 3.61 | 31.7 | 2.53 | 3.67 | 38.3 | 2.88 | 3.90 | 44.8 | 3.19 | 4.12 | 49.4 | 3.39 | 4.27 | 51.3 | 3.47 | 4.34 | 57.9 | 3.72 | 4.56 |
| 1395    | 60              | 26.8                         | 2.53 | 3.10 | 31.7 | 2.88 | 3.23 | 33.8 | 3.02 | 3.29 | 40.9 | 3.45 | 3.47 | 47.9 | 3.84 | 3.66 | 52.8 | 4.09 | 3.79 | 55.0 | 4.19 | 3.84 | 62.0 | 4.51 | 4.03 |
|         | 70              | 26.0                         | 2.32 | 3.29 | 30.8 | 2.64 | 3.43 | 32.9 | 2.76 | 3.48 | 39.7 | 3.16 | 3.68 | 46.6 | 3.52 | 3.88 | 51.4 | 3.75 | 4.01 | 53.4 | 3.85 | 4.07 | 60.3 | 4.14 | 4.27 |
|         | 80              | 25.4                         | 2.12 | 3.50 | 30.0 | 2.42 | 3.65 | 32.0 | 2.53 | 3.71 | 38.7 | 2.90 | 3.92 | 45.4 | 3.23 | 4.12 | 50.0 | 3.44 | 4.26 | 52.0 | 3.53 | 4.33 | 58.7 | 3.80 | 4.53 |
| 1595    | 60              | 26.9                         | 2.50 | 3.15 | 31.9 | 2.86 | 3.27 | 34.0 | 3.00 | 3.33 | 41.2 | 3.45 | 3.51 | 48.4 | 3.85 | 3.69 | 53.4 | 4.11 | 3.81 | 55.6 | 4.22 | 3.87 | 62.8 | 4.55 | 4.05 |
|         | 70              | 26.3                         | 2.31 | 3.34 | 31.2 | 2.64 | 3.47 | 33.3 | 2.77 | 3.53 | 40.2 | 3.18 | 3.71 | 47.1 | 3.54 | 3.90 | 52.0 | 3.78 | 4.03 | 54.0 | 3.88 | 4.08 | 61.0 | 4.19 | 4.27 |
|         | 80              | 25.7                         | 2.12 | 3.55 | 30.4 | 2.42 | 3.69 | 32.4 | 2.54 | 3.75 | 39.1 | 2.91 | 3.94 | 45.9 | 3.25 | 4.13 | 50.6 | 3.47 | 4.27 | 52.6 | 3.56 | 4.33 | 59.3 | 3.85 | 4.52 |

MSH4BD060K with C6BH-X60C-(C,D)+VSB

|         |                 | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|-----------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 200 CFM | Indoor T. Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|         |                 | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 1650    | 60              | 33.7                         | 2.68 | 3.69 | 37.8 | 2.88 | 3.86 | 39.6 | 2.96 | 3.93 | 45.6 | 3.21 | 4.17 | 51.6 | 3.43 | 4.42 | 55.8 | 3.57 | 4.59 | 57.6 | 3.63 | 4.66 | 63.6 | 3.80 | 4.90 |
|         | 70              | 32.7                         | 2.41 | 3.97 | 36.8 | 2.60 | 4.15 | 38.5 | 2.68 | 4.22 | 44.4 | 2.91 | 4.47 | 50.3 | 3.12 | 4.72 | 54.4 | 3.26 | 4.89 | 56.1 | 3.31 | 4.96 | 62.0 | 3.49 | 5.21 |
|         | 80              | 32.2                         | 2.21 | 4.28 | 36.2 | 2.38 | 4.46 | 37.8 | 2.44 | 4.54 | 43.5 | 2.66 | 4.80 | 49.1 | 2.84 | 5.06 | 53.0 | 2.97 | 5.24 | 54.7 | 3.02 | 5.32 | 60.4 | 3.17 | 5.58 |
| 1850    | 60              | 34.0                         | 2.68 | 3.72 | 38.2 | 2.89 | 3.88 | 40.0 | 2.98 | 3.95 | 46.1 | 3.24 | 4.18 | 52.2 | 3.48 | 4.41 | 56.5 | 3.63 | 4.57 | 58.3 | 3.69 | 4.63 | 64.4 | 3.88 | 4.86 |
|         | 70              | 33.0                         | 2.42 | 4.00 | 37.2 | 2.62 | 4.16 | 39.0 | 2.70 | 4.23 | 44.9 | 2.95 | 4.46 | 50.8 | 3.17 | 4.70 | 55.0 | 3.32 | 4.86 | 56.8 | 3.38 | 4.93 | 62.7 | 3.56 | 5.16 |
|         | 80              | 32.4                         | 2.20 | 4.31 | 36.5 | 2.39 | 4.48 | 38.2 | 2.46 | 4.55 | 43.9 | 2.69 | 4.79 | 49.7 | 2.89 | 5.03 | 53.7 | 3.03 | 5.20 | 55.4 | 3.08 | 5.27 | 61.2 | 3.25 | 5.51 |
| 2050    | 60              | 33.9                         | 2.65 | 3.75 | 38.3 | 2.88 | 3.91 | 40.2 | 2.97 | 3.97 | 46.5 | 3.25 | 4.20 | 52.7 | 3.50 | 4.42 | 57.1 | 3.66 | 4.58 | 59.0 | 3.72 | 4.64 | 65.2 | 3.93 | 4.87 |
|         | 70              | 33.4                         | 2.43 | 4.04 | 37.6 | 2.63 | 4.19 | 39.4 | 2.71 | 4.26 | 45.4 | 2.97 | 4.48 | 51.4 | 3.21 | 4.70 | 55.6 | 3.36 | 4.85 | 57.4 | 3.42 | 4.92 | 63.4 | 3.62 | 5.14 |
|         | 80              | 32.7                         | 2.21 | 4.35 | 36.8 | 2.40 | 4.51 | 38.6 | 2.47 | 4.57 | 44.4 | 2.71 | 4.80 | 50.2 | 2.93 | 5.02 | 54.2 | 3.07 | 5.18 | 56.0 | 3.13 | 5.24 | 61.8 | 3.32 | 5.47 |

# 13 SEER + AHU HEATING EXPANDED RATINGS

MSH4BD018K with B6BMM024K-(A,B)

|         |                 | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|-----------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 100 CFM | Indoor T. Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|         |                 | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 545     | 60              | 9.2                          | 2.02 | 1.33 | 11.4 | 2.40 | 1.40 | 12.4 | 2.55 | 1.42 | 15.6 | 3.01 | 1.52 | 18.8 | 3.42 | 1.61 | 21.0 | 3.68 | 1.68 | 22.0 | 3.78 | 1.71 | 25.2 | 4.11 | 1.80 |
|         | 70              | 8.7                          | 2.03 | 1.25 | 10.7 | 2.35 | 1.34 | 11.6 | 2.47 | 1.38 | 14.6 | 2.84 | 1.50 | 17.5 | 3.16 | 1.63 | 19.6 | 3.35 | 1.71 | 20.5 | 3.43 | 1.75 | 23.4 | 3.66 | 1.88 |
|         | 80              | 8.0                          | 1.98 | 1.19 | 9.9  | 2.26 | 1.29 | 10.8 | 2.36 | 1.34 | 13.5 | 2.67 | 1.48 | 16.2 | 2.93 | 1.62 | 18.1 | 3.08 | 1.72 | 18.9 | 3.14 | 1.76 | 21.6 | 3.32 | 1.91 |
| 645     | 60              | 9.2                          | 1.96 | 1.37 | 11.5 | 2.34 | 1.44 | 12.5 | 2.50 | 1.47 | 15.7 | 2.97 | 1.56 | 19.0 | 3.38 | 1.65 | 21.3 | 3.65 | 1.71 | 22.3 | 3.76 | 1.74 | 25.6 | 4.10 | 1.83 |
|         | 70              | 8.8                          | 1.97 | 1.30 | 10.9 | 2.29 | 1.39 | 11.8 | 2.42 | 1.43 | 14.8 | 2.80 | 1.55 | 17.8 | 3.13 | 1.67 | 19.9 | 3.33 | 1.75 | 20.8 | 3.41 | 1.79 | 23.8 | 3.65 | 1.91 |
|         | 80              | 8.2                          | 1.94 | 1.23 | 10.1 | 2.22 | 1.34 | 10.9 | 2.33 | 1.38 | 13.7 | 2.64 | 1.52 | 16.5 | 2.90 | 1.67 | 18.4 | 3.06 | 1.77 | 19.3 | 3.12 | 1.81 | 22.1 | 3.30 | 1.96 |
| 745     | 60              | 9.4                          | 1.94 | 1.42 | 11.7 | 2.31 | 1.48 | 12.7 | 2.47 | 1.51 | 16.0 | 2.94 | 1.59 | 19.2 | 3.36 | 1.68 | 21.5 | 3.63 | 1.74 | 22.5 | 3.74 | 1.77 | 25.8 | 4.09 | 1.85 |
|         | 70              | 8.9                          | 1.93 | 1.34 | 11.0 | 2.26 | 1.43 | 11.9 | 2.39 | 1.46 | 15.0 | 2.78 | 1.58 | 18.0 | 3.11 | 1.70 | 20.2 | 3.31 | 1.79 | 21.1 | 3.40 | 1.82 | 24.2 | 3.65 | 1.94 |
|         | 80              | 8.3                          | 1.91 | 1.28 | 10.3 | 2.18 | 1.38 | 11.1 | 2.29 | 1.42 | 13.9 | 2.60 | 1.57 | 16.7 | 2.86 | 1.71 | 18.6 | 3.01 | 1.81 | 19.5 | 3.08 | 1.86 | 22.3 | 3.26 | 2.00 |

MSH4BD024K with B6BMM024K-(A,B)

|         |                 | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|-----------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 100 CFM | Indoor T. Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|         |                 | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 720     | 60              | 13.2                         | 2.38 | 1.63 | 15.8 | 2.72 | 1.70 | 16.9 | 2.86 | 1.73 | 20.6 | 3.28 | 1.84 | 24.2 | 3.65 | 1.95 | 26.8 | 3.89 | 2.02 | 27.9 | 3.98 | 2.06 | 31.6 | 4.28 | 2.16 |
|         | 70              | 12.6                         | 2.32 | 1.59 | 15.0 | 2.61 | 1.69 | 16.1 | 2.73 | 1.73 | 19.5 | 3.07 | 1.86 | 23.0 | 3.37 | 2.00 | 25.4 | 3.56 | 2.09 | 26.4 | 3.63 | 2.13 | 29.8 | 3.86 | 2.27 |
|         | 80              | 12.0                         | 2.23 | 1.58 | 14.3 | 2.48 | 1.69 | 15.2 | 2.58 | 1.73 | 18.5 | 2.87 | 1.88 | 21.7 | 3.12 | 2.04 | 23.9 | 3.27 | 2.14 | 24.9 | 3.33 | 2.19 | 28.1 | 3.52 | 2.34 |
| 820     | 60              | 13.3                         | 2.33 | 1.67 | 15.9 | 2.68 | 1.74 | 17.0 | 2.81 | 1.77 | 20.7 | 3.24 | 1.88 | 24.5 | 3.63 | 1.98 | 27.1 | 3.87 | 2.05 | 28.2 | 3.97 | 2.08 | 32.0 | 4.28 | 2.19 |
|         | 70              | 12.7                         | 2.28 | 1.64 | 15.2 | 2.57 | 1.73 | 16.2 | 2.69 | 1.77 | 19.7 | 3.04 | 1.90 | 23.2 | 3.35 | 2.03 | 25.7 | 3.54 | 2.12 | 26.7 | 3.62 | 2.16 | 30.2 | 3.86 | 2.29 |
|         | 80              | 12.1                         | 2.20 | 1.62 | 14.4 | 2.45 | 1.72 | 15.4 | 2.55 | 1.77 | 18.7 | 2.85 | 1.92 | 22.0 | 3.11 | 2.07 | 24.3 | 3.26 | 2.18 | 25.2 | 3.32 | 2.23 | 28.5 | 3.52 | 2.38 |
| 920     | 60              | 13.4                         | 2.29 | 1.71 | 16.0 | 2.64 | 1.78 | 17.2 | 2.78 | 1.81 | 20.9 | 3.21 | 1.91 | 24.7 | 3.61 | 2.01 | 27.4 | 3.86 | 2.08 | 28.5 | 3.96 | 2.11 | 32.3 | 4.28 | 2.21 |
|         | 70              | 12.8                         | 2.25 | 1.68 | 15.3 | 2.54 | 1.77 | 16.4 | 2.66 | 1.81 | 19.9 | 3.02 | 1.93 | 23.5 | 3.34 | 2.06 | 26.0 | 3.54 | 2.15 | 27.0 | 3.62 | 2.19 | 30.6 | 3.87 | 2.32 |
|         | 80              | 12.3                         | 2.17 | 1.66 | 14.6 | 2.42 | 1.76 | 15.6 | 2.52 | 1.81 | 18.9 | 2.82 | 1.96 | 22.1 | 3.08 | 2.11 | 24.5 | 3.24 | 2.22 | 25.4 | 3.30 | 2.26 | 28.7 | 3.49 | 2.41 |

MSH4BD030K with B6BMM030K-(A,B)

|         |                 | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|-----------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 150 CFM | Indoor T. Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|         |                 | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 930     | 60              | 16.6                         | 2.46 | 1.98 | 19.8 | 2.74 | 2.12 | 21.1 | 2.84 | 2.18 | 25.7 | 3.16 | 2.38 | 30.2 | 3.43 | 2.59 | 33.4 | 3.59 | 2.73 | 34.8 | 3.66 | 2.79 | 39.3 | 3.85 | 2.99 |
|         | 70              | 15.9                         | 2.34 | 2.00 | 19.0 | 2.57 | 2.16 | 20.3 | 2.66 | 2.23 | 24.6 | 2.92 | 2.47 | 28.9 | 3.14 | 2.70 | 31.9 | 3.27 | 2.86 | 33.2 | 3.33 | 2.93 | 37.6 | 3.48 | 3.16 |
|         | 80              | 15.4                         | 2.21 | 2.04 | 18.2 | 2.41 | 2.22 | 19.5 | 2.48 | 2.30 | 23.6 | 2.70 | 2.56 | 27.6 | 2.88 | 2.81 | 30.5 | 2.99 | 2.99 | 31.7 | 3.03 | 3.07 | 35.8 | 3.16 | 3.33 |
| 1080    | 60              | 16.7                         | 2.41 | 2.03 | 20.0 | 2.70 | 2.17 | 21.4 | 2.81 | 2.23 | 26.0 | 3.15 | 2.42 | 30.6 | 3.43 | 2.62 | 33.9 | 3.60 | 2.76 | 35.2 | 3.67 | 2.81 | 39.9 | 3.89 | 3.01 |
|         | 70              | 16.1                         | 2.29 | 2.06 | 19.2 | 2.54 | 2.22 | 20.5 | 2.63 | 2.29 | 24.9 | 2.91 | 2.51 | 29.3 | 3.15 | 2.73 | 32.4 | 3.29 | 2.89 | 33.7 | 3.35 | 2.96 | 38.1 | 3.52 | 3.18 |
|         | 80              | 15.5                         | 2.17 | 2.10 | 18.5 | 2.38 | 2.28 | 19.7 | 2.46 | 2.35 | 23.9 | 2.70 | 2.60 | 28.1 | 2.89 | 2.85 | 31.0 | 3.01 | 3.02 | 32.3 | 3.05 | 3.10 | 36.5 | 3.19 | 3.35 |
| 1230    | 60              | 16.9                         | 2.37 | 2.08 | 20.1 | 2.67 | 2.22 | 21.6 | 2.78 | 2.27 | 26.3 | 3.13 | 2.46 | 31.0 | 3.42 | 2.65 | 34.3 | 3.61 | 2.79 | 35.7 | 3.68 | 2.84 | 40.4 | 3.90 | 3.03 |
|         | 70              | 16.3                         | 2.27 | 2.11 | 19.4 | 2.52 | 2.26 | 20.8 | 2.62 | 2.33 | 25.3 | 2.91 | 2.55 | 29.7 | 3.15 | 2.77 | 32.8 | 3.30 | 2.92 | 34.2 | 3.36 | 2.98 | 38.7 | 3.54 | 3.20 |
|         | 80              | 15.7                         | 2.14 | 2.16 | 18.7 | 2.36 | 2.33 | 20.0 | 2.44 | 2.40 | 24.2 | 2.68 | 2.64 | 28.4 | 2.89 | 2.88 | 31.4 | 3.01 | 3.05 | 32.6 | 3.06 | 3.13 | 36.9 | 3.21 | 3.37 |

MSH4BD036K with B6BMM036K-B

|         |                 | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|-----------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 150 CFM | Indoor T. Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|         |                 | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 1035    | 60              | 19.2                         | 2.51 | 2.24 | 22.9 | 2.83 | 2.37 | 24.5 | 2.97 | 2.42 | 29.8 | 3.36 | 2.60 | 35.1 | 3.70 | 2.78 | 38.8 | 3.92 | 2.90 | 40.4 | 4.01 | 2.96 | 45.7 | 4.28 | 3.14 |
|         | 70              | 18.5                         | 2.35 | 2.31 | 22.1 | 2.64 | 2.45 | 23.6 | 2.76 | 2.51 | 28.7 | 3.10 | 2.71 | 33.8 | 3.40 | 2.91 | 37.4 | 3.59 | 3.05 | 38.9 | 3.66 | 3.11 | 44.0 | 3.89 | 3.32 |
|         | 80              | 17.9                         | 2.20 | 2.39 | 21.3 | 2.46 | 2.55 | 22.8 | 2.56 | 2.61 | 27.7 | 2.87 | 2.83 | 32.6 | 3.13 | 3.05 | 36.0 | 3.29 | 3.21 | 37.4 | 3.35 | 3.27 | 42.3 | 3.55 | 3.50 |
| 1185    | 60              | 19.3                         | 2.47 | 2.30 | 23.1 | 2.81 | 2.42 | 24.7 | 2.94 | 2.47 | 30.1 | 3.35 | 2.64 | 35.5 | 3.71 | 2.81 | 39.3 | 3.94 | 2.93 | 40.9 | 4.03 | 2.98 | 46.3 | 4.31 | 3.15 |
|         | 70              | 18.7                         | 2.32 | 2.36 | 22.3 | 2.62 | 2.50 | 23.9 | 2.74 | 2.56 | 29.0 | 3.10 | 2.75 | 34.2 | 3.41 | 2.94 | 37.8 | 3.61 | 3.08 | 39.4 | 3.69 | 3.13 | 44.6 | 3.93 | 3.33 |
|         | 80              | 18.1                         | 2.17 | 2.45 | 21.6 | 2.44 | 2.59 | 23.1 | 2.54 | 2.66 | 28.0 | 2.86 | 2.87 | 33.0 | 3.14 | 3.08 | 36.5 | 3.31 | 3.23 | 38.0 | 3.38 | 3.30 | 42.9 | 3.59 | 3.51 |
| 1335    | 60              | 19.4                         | 2.43 | 2.34 | 23.3 | 2.77 | 2.46 | 24.9 | 2.91 | 2.51 | 30.4 | 3.33 | 2.68 | 35.9 | 3.70 | 2.84 | 39.7 | 3.94 | 2.96 | 41.4 | 4.03 | 3.01 | 46.9 | 4.33 | 3.18 |
|         | 70              | 18.9                         | 2.30 | 2.41 | 22.6 | 2.60 | 2.54 | 24.1 | 2.72 | 2.60 | 29.4 | 3.09 | 2.79 | 34.6 | 3.42 | 2.97 | 38.3 | 3.62 | 3.10 | 39.9 | 3.70 | 3.16 | 45.1 | 3.95 | 3.35 |
|         | 80              | 18.3                         | 2.15 | 2.49 | 21.8 | 2.42 | 2.64 | 23.3 | 2.53 | 2.70 | 28.3 | 2.86 | 2.91 | 33.3 | 3.14 | 3.11 | 36.8 | 3.32 | 3.26 | 38.3 | 3.39 | 3.32 | 43.4 | 3.61 | 3.53 |

# 13 SEER + AHU HEATING EXPANDED RATINGS (CONTINUED)

## MSH4BD042K with B6BMM042K-B

|         |                 | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|-----------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 150 CFM | Indoor T. Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|         |                 | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 1385    | 60              | 22.4                         | 2.41 | 2.72 | 26.3 | 2.65 | 2.91 | 27.9 | 2.74 | 2.98 | 33.4 | 3.02 | 3.24 | 38.9 | 3.26 | 3.50 | 42.7 | 3.40 | 3.68 | 44.3 | 3.46 | 3.76 | 49.8 | 3.63 | 4.02 |
|         | 70              | 21.7                         | 2.22 | 2.87 | 25.4 | 2.43 | 3.06 | 27.0 | 2.51 | 3.15 | 32.2 | 2.76 | 3.43 | 37.5 | 2.97 | 3.71 | 41.2 | 3.10 | 3.90 | 42.8 | 3.15 | 3.99 | 48.1 | 3.31 | 4.27 |
|         | 80              | 21.1                         | 2.05 | 3.02 | 24.7 | 2.24 | 3.24 | 26.2 | 2.31 | 3.33 | 31.3 | 2.52 | 3.63 | 36.3 | 2.71 | 3.94 | 39.9 | 2.82 | 4.15 | 41.4 | 2.86 | 4.24 | 46.4 | 3.00 | 4.55 |
| 1535    | 60              | 22.6                         | 2.39 | 2.77 | 26.5 | 2.64 | 2.94 | 28.2 | 2.74 | 3.02 | 33.7 | 3.03 | 3.27 | 39.3 | 3.28 | 3.51 | 43.2 | 3.43 | 3.69 | 44.9 | 3.49 | 3.76 | 50.4 | 3.68 | 4.01 |
|         | 70              | 21.9                         | 2.21 | 2.91 | 25.6 | 2.43 | 3.10 | 27.2 | 2.51 | 3.18 | 32.6 | 2.77 | 3.45 | 38.0 | 3.00 | 3.72 | 41.7 | 3.13 | 3.91 | 43.3 | 3.19 | 3.99 | 48.7 | 3.35 | 4.26 |
|         | 80              | 21.3                         | 2.03 | 3.07 | 24.9 | 2.23 | 3.27 | 26.4 | 2.31 | 3.36 | 31.6 | 2.54 | 3.65 | 36.7 | 2.73 | 3.94 | 40.4 | 2.85 | 4.15 | 41.9 | 2.90 | 4.23 | 47.1 | 3.05 | 4.52 |
| 1685    | 60              | 22.6                         | 2.37 | 2.81 | 26.6 | 2.62 | 2.98 | 28.3 | 2.72 | 3.05 | 34.0 | 3.02 | 3.30 | 39.6 | 3.28 | 3.54 | 43.6 | 3.45 | 3.71 | 45.3 | 3.51 | 3.78 | 51.0 | 3.71 | 4.03 |
|         | 70              | 22.1                         | 2.20 | 2.95 | 25.9 | 2.42 | 3.13 | 27.5 | 2.51 | 3.21 | 33.0 | 2.78 | 3.47 | 38.4 | 3.01 | 3.73 | 42.2 | 3.16 | 3.92 | 43.8 | 3.21 | 4.00 | 49.2 | 3.39 | 4.26 |
|         | 80              | 21.5                         | 2.03 | 3.11 | 25.1 | 2.23 | 3.31 | 26.7 | 2.31 | 3.39 | 31.9 | 2.55 | 3.67 | 37.1 | 2.75 | 3.95 | 40.7 | 2.88 | 4.15 | 42.3 | 2.93 | 4.23 | 47.5 | 3.09 | 4.51 |

## MSH4BD048K with B6BMM048K-(B,C)

|         |                 | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|-----------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 200 CFM | Indoor T. Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|         |                 | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 1160    | 60              | 26.2                         | 2.59 | 2.97 | 30.9 | 2.83 | 3.20 | 32.8 | 2.92 | 3.30 | 39.4 | 3.19 | 3.63 | 46.1 | 3.42 | 3.95 | 50.7 | 3.56 | 4.18 | 52.7 | 3.61 | 4.28 | 59.3 | 3.77 | 4.60 |
|         | 70              | 25.4                         | 2.36 | 3.15 | 29.9 | 2.58 | 3.40 | 31.8 | 2.66 | 3.50 | 38.3 | 2.91 | 3.85 | 44.7 | 3.12 | 4.20 | 49.2 | 3.25 | 4.45 | 51.2 | 3.30 | 4.55 | 57.6 | 3.45 | 4.90 |
|         | 80              | 24.9                         | 2.18 | 3.35 | 29.2 | 2.37 | 3.62 | 31.1 | 2.44 | 3.73 | 37.3 | 2.66 | 4.11 | 43.5 | 2.84 | 4.49 | 47.9 | 2.95 | 4.75 | 49.8 | 3.00 | 4.87 | 56.0 | 3.13 | 5.24 |
| 1360    | 60              | 26.5                         | 2.57 | 3.02 | 31.2 | 2.82 | 3.24 | 33.2 | 2.92 | 3.33 | 39.9 | 3.21 | 3.64 | 46.6 | 3.46 | 3.95 | 51.3 | 3.61 | 4.17 | 53.4 | 3.67 | 4.26 | 60.1 | 3.85 | 4.58 |
|         | 70              | 25.7                         | 2.35 | 3.20 | 30.3 | 2.59 | 3.44 | 32.2 | 2.67 | 3.53 | 38.8 | 2.94 | 3.87 | 45.3 | 3.16 | 4.20 | 49.9 | 3.30 | 4.43 | 51.8 | 3.35 | 4.53 | 58.3 | 3.52 | 4.86 |
|         | 80              | 25.1                         | 2.16 | 3.41 | 29.5 | 2.37 | 3.66 | 31.4 | 2.45 | 3.76 | 37.8 | 2.69 | 4.12 | 44.1 | 2.89 | 4.48 | 48.5 | 3.01 | 4.73 | 50.4 | 3.06 | 4.83 | 56.8 | 3.21 | 5.19 |
| 1560    | 60              | 26.6                         | 2.54 | 3.07 | 31.4 | 2.80 | 3.28 | 33.4 | 2.91 | 3.37 | 40.3 | 3.21 | 3.67 | 47.1 | 3.48 | 3.98 | 51.9 | 3.64 | 4.19 | 54.0 | 3.70 | 4.28 | 60.8 | 3.89 | 4.58 |
|         | 70              | 26.1                         | 2.35 | 3.26 | 30.7 | 2.59 | 3.48 | 32.7 | 2.68 | 3.58 | 39.2 | 2.96 | 3.89 | 45.8 | 3.19 | 4.21 | 50.5 | 3.34 | 4.44 | 52.4 | 3.39 | 4.53 | 59.0 | 3.57 | 4.85 |
|         | 80              | 25.4                         | 2.15 | 3.46 | 29.9 | 2.37 | 3.70 | 31.8 | 2.45 | 3.80 | 38.2 | 2.71 | 4.14 | 44.6 | 2.92 | 4.48 | 49.1 | 3.05 | 4.72 | 51.0 | 3.10 | 4.82 | 57.4 | 3.26 | 5.16 |

## MSH4BD060K with B6BMM060K-C

|         |                 | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|-----------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 200 CFM | Indoor T. Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|         |                 | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 1400    | 60              | 30.3                         | 2.29 | 3.88 | 36.4 | 2.56 | 4.17 | 39.0 | 2.67 | 4.29 | 47.7 | 2.97 | 4.70 | 56.4 | 3.23 | 5.12 | 62.5 | 3.39 | 5.41 | 65.1 | 3.45 | 5.53 | 73.8 | 3.64 | 5.94 |
|         | 70              | 29.4                         | 2.05 | 4.20 | 35.4 | 2.30 | 4.50 | 37.9 | 2.40 | 4.63 | 46.5 | 2.69 | 5.06 | 55.0 | 2.94 | 5.49 | 61.0 | 3.09 | 5.79 | 63.6 | 3.15 | 5.92 | 72.1 | 3.33 | 6.34 |
|         | 80              | 28.9                         | 1.87 | 4.54 | 34.7 | 2.10 | 4.86 | 37.2 | 2.18 | 5.00 | 45.6 | 2.45 | 5.46 | 53.9 | 2.67 | 5.92 | 59.7 | 2.81 | 6.24 | 62.3 | 2.86 | 6.38 | 70.6 | 3.03 | 6.84 |
| 1600    | 60              | 30.6                         | 2.30 | 3.91 | 36.8 | 2.58 | 4.18 | 39.4 | 2.69 | 4.30 | 48.2 | 3.01 | 4.69 | 57.0 | 3.29 | 5.09 | 63.2 | 3.46 | 5.36 | 65.8 | 3.52 | 5.48 | 74.6 | 3.73 | 5.87 |
|         | 70              | 29.7                         | 2.07 | 4.22 | 35.8 | 2.33 | 4.50 | 38.4 | 2.43 | 4.63 | 47.0 | 2.74 | 5.03 | 55.6 | 3.00 | 5.44 | 61.7 | 3.16 | 5.73 | 64.3 | 3.22 | 5.85 | 72.9 | 3.42 | 6.26 |
|         | 80              | 29.1                         | 1.87 | 4.57 | 35.0 | 2.11 | 4.87 | 37.6 | 2.20 | 5.00 | 46.0 | 2.49 | 5.43 | 54.5 | 2.73 | 5.86 | 60.4 | 2.88 | 6.16 | 62.9 | 2.94 | 6.28 | 71.4 | 3.12 | 6.71 |
| 1800    | 60              | 30.6                         | 2.28 | 3.93 | 36.9 | 2.57 | 4.20 | 39.6 | 2.69 | 4.32 | 48.6 | 3.03 | 4.70 | 57.5 | 3.31 | 5.09 | 63.8 | 3.49 | 5.36 | 66.5 | 3.56 | 5.48 | 75.5 | 3.77 | 5.86 |
|         | 70              | 30.1                         | 2.07 | 4.26 | 36.2 | 2.34 | 4.53 | 38.8 | 2.45 | 4.65 | 47.5 | 2.76 | 5.04 | 56.2 | 3.04 | 5.43 | 62.3 | 3.20 | 5.70 | 64.9 | 3.27 | 5.82 | 73.6 | 3.48 | 6.21 |
|         | 80              | 29.4                         | 1.87 | 4.60 | 35.4 | 2.12 | 4.89 | 37.9 | 2.22 | 5.01 | 46.5 | 2.52 | 5.41 | 55.0 | 2.77 | 5.82 | 61.0 | 2.93 | 6.10 | 63.5 | 2.99 | 6.23 | 72.0 | 3.19 | 6.63 |

# 13 SEER + VSB COOLING EXPANDED RATINGS

MSH4BD018K with B6VMAX24K-(A,B)

| O.D.T |        |        | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |      |      | 115°F |      |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|-------|------|------|-------|------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C. | K.W. | T.C.  | S.C. | K.W. |
| 525   | 80     | 62     | 18.3 | 16.5 | 1.08 | 17.5 | 16.2 | 1.22 | 16.6 | 15.9 | 1.36 | 15.6  | 15.4 | 1.53 | 14.7  | 14.7 | 1.71 |
|       | 80     | 67     | 19.9 | 13.9 | 1.08 | 19.0 | 13.5 | 1.22 | 18.0 | 13.1 | 1.37 | 16.9  | 12.6 | 1.53 | 15.7  | 12.2 | 1.72 |
|       | 80     | 72     | 21.8 | 11.1 | 1.07 | 20.8 | 10.7 | 1.22 | 19.7 | 10.3 | 1.37 | 18.5  | 9.9  | 1.54 | 17.2  | 9.5  | 1.73 |
|       | 75     | 63     | 18.5 | 13.5 | 1.08 | 17.7 | 13.1 | 1.22 | 16.8 | 12.7 | 1.37 | 15.7  | 12.2 | 1.53 | 14.6  | 11.7 | 1.72 |
| 600   | 80     | 62     | 18.7 | 17.8 | 1.10 | 17.9 | 17.4 | 1.24 | 17.1 | 17.1 | 1.37 | 16.2  | 16.2 | 1.54 | 15.2  | 15.2 | 1.73 |
|       | 80     | 67     | 20.3 | 14.8 | 1.09 | 19.4 | 14.4 | 1.24 | 18.3 | 14.0 | 1.39 | 17.2  | 13.5 | 1.55 | 15.9  | 13.0 | 1.74 |
|       | 80     | 72     | 22.2 | 11.7 | 1.10 | 21.2 | 11.3 | 1.24 | 20.0 | 10.9 | 1.39 | 18.7  | 10.5 | 1.56 | 17.3  | 10.0 | 1.75 |
|       | 75     | 63     | 18.9 | 14.3 | 1.10 | 18.0 | 13.9 | 1.24 | 17.1 | 13.5 | 1.39 | 16.0  | 13.0 | 1.55 | 14.8  | 12.5 | 1.74 |
| 675   | 80     | 62     | 19.2 | 19.0 | 1.11 | 18.5 | 18.4 | 1.25 | 17.6 | 17.6 | 1.40 | 16.7  | 16.7 | 1.56 | 15.7  | 15.7 | 1.75 |
|       | 80     | 67     | 20.6 | 15.7 | 1.12 | 19.6 | 15.3 | 1.26 | 18.6 | 14.9 | 1.42 | 17.4  | 14.4 | 1.58 | 16.1  | 13.9 | 1.77 |
|       | 80     | 72     | 22.5 | 12.3 | 1.12 | 21.3 | 11.9 | 1.27 | 20.1 | 11.5 | 1.42 | 18.8  | 11.0 | 1.59 | 17.5  | 10.5 | 1.78 |
|       | 75     | 63     | 19.2 | 15.1 | 1.12 | 18.3 | 14.7 | 1.26 | 17.3 | 14.3 | 1.41 | 16.2  | 13.8 | 1.58 | 15.0  | 13.3 | 1.77 |

MSH4BD024K with B6VMAX24K-(A,B)

| O.D.T |        |        | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |      |      | 115°F |      |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|-------|------|------|-------|------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C. | K.W. | T.C.  | S.C. | K.W. |
| 700   | 80     | 62     | 23.2 | 21.2 | 1.36 | 22.2 | 20.8 | 1.54 | 21.0 | 20.4 | 1.73 | 19.8  | 19.7 | 1.94 | 18.7  | 18.7 | 2.16 |
|       | 80     | 67     | 25.0 | 17.7 | 1.36 | 23.9 | 17.2 | 1.54 | 22.7 | 16.7 | 1.73 | 21.3  | 16.1 | 1.94 | 19.8  | 15.5 | 2.18 |
|       | 80     | 72     | 27.3 | 14.1 | 1.35 | 26.0 | 13.7 | 1.54 | 24.6 | 13.2 | 1.74 | 23.1  | 12.7 | 1.95 | 21.3  | 12.1 | 2.19 |
|       | 75     | 63     | 23.4 | 17.1 | 1.36 | 22.3 | 16.7 | 1.54 | 21.2 | 16.1 | 1.73 | 19.9  | 15.6 | 1.94 | 18.5  | 14.9 | 2.18 |
| 800   | 80     | 62     | 23.6 | 22.6 | 1.40 | 22.6 | 22.1 | 1.58 | 21.7 | 21.6 | 1.76 | 20.5  | 20.5 | 1.97 | 19.2  | 19.2 | 2.20 |
|       | 80     | 67     | 25.4 | 18.8 | 1.40 | 24.2 | 18.3 | 1.58 | 22.9 | 17.8 | 1.78 | 21.5  | 17.2 | 1.99 | 20.0  | 16.5 | 2.23 |
|       | 80     | 72     | 27.5 | 14.9 | 1.41 | 26.2 | 14.4 | 1.59 | 24.7 | 13.9 | 1.79 | 23.1  | 13.3 | 2.00 | 21.4  | 12.7 | 2.24 |
|       | 75     | 63     | 23.7 | 18.2 | 1.40 | 22.6 | 17.7 | 1.58 | 21.4 | 17.1 | 1.77 | 20.1  | 16.5 | 1.99 | 18.7  | 15.9 | 2.23 |
| 900   | 80     | 62     | 24.2 | 23.9 | 1.44 | 23.3 | 23.1 | 1.61 | 22.2 | 22.2 | 1.80 | 20.9  | 20.9 | 2.01 | 19.6  | 19.6 | 2.25 |
|       | 80     | 67     | 25.7 | 19.8 | 1.45 | 24.5 | 19.3 | 1.64 | 23.1 | 18.7 | 1.83 | 21.7  | 18.1 | 2.05 | 20.0  | 17.4 | 2.28 |
|       | 80     | 72     | 27.6 | 15.5 | 1.45 | 26.2 | 15.0 | 1.65 | 24.8 | 14.5 | 1.84 | 23.3  | 13.9 | 2.06 | 21.6  | 13.2 | 2.30 |
|       | 75     | 63     | 23.9 | 19.1 | 1.46 | 22.8 | 18.6 | 1.64 | 21.6 | 18.0 | 1.83 | 20.2  | 17.4 | 2.05 | 18.7  | 16.7 | 2.28 |

MSH4BD030K with B6VMAX30K-(A,B)

| O.D.T |        |        | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |      |      | 115°F |      |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|-------|------|------|-------|------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C. | K.W. | T.C.  | S.C. | K.W. |
| 800   | 80     | 62     | 29.4 | 25.8 | 1.73 | 28.0 | 25.3 | 1.93 | 26.6 | 24.8 | 2.15 | 25.0  | 24.0 | 2.39 | 23.3  | 23.2 | 2.67 |
|       | 80     | 67     | 31.7 | 21.7 | 1.74 | 30.3 | 21.1 | 1.94 | 28.7 | 20.4 | 2.15 | 26.9  | 19.7 | 2.40 | 24.9  | 18.9 | 2.68 |
|       | 80     | 72     | 34.4 | 17.4 | 1.74 | 32.8 | 16.8 | 1.94 | 31.1 | 16.2 | 2.16 | 29.1  | 15.5 | 2.41 | 26.9  | 14.7 | 2.69 |
|       | 75     | 63     | 29.6 | 21.1 | 1.73 | 28.3 | 20.5 | 1.93 | 26.8 | 19.8 | 2.15 | 25.2  | 19.1 | 2.39 | 23.3  | 18.3 | 2.67 |
| 1000  | 80     | 62     | 30.4 | 28.9 | 1.82 | 29.1 | 28.3 | 2.02 | 27.8 | 27.7 | 2.21 | 26.2  | 26.2 | 2.45 | 24.5  | 24.5 | 2.73 |
|       | 80     | 67     | 32.5 | 24.0 | 1.82 | 31.1 | 23.4 | 2.02 | 29.4 | 22.8 | 2.24 | 27.5  | 22.0 | 2.49 | 25.4  | 21.2 | 2.77 |
|       | 80     | 72     | 35.2 | 18.9 | 1.84 | 33.5 | 18.3 | 2.04 | 31.7 | 17.7 | 2.26 | 29.6  | 16.9 | 2.50 | 27.2  | 16.1 | 2.78 |
|       | 75     | 63     | 30.5 | 23.3 | 1.82 | 29.1 | 22.7 | 2.02 | 27.5 | 22.0 | 2.24 | 25.8  | 21.2 | 2.48 | 23.8  | 20.4 | 2.76 |
| 1200  | 80     | 62     | 31.5 | 31.0 | 1.90 | 30.2 | 30.0 | 2.10 | 28.8 | 28.7 | 2.32 | 27.1  | 27.1 | 2.57 | 25.2  | 25.2 | 2.84 |
|       | 80     | 67     | 33.0 | 26.2 | 1.95 | 31.4 | 25.5 | 2.15 | 29.7 | 24.8 | 2.37 | 27.7  | 24.0 | 2.61 | 25.5  | 23.1 | 2.89 |
|       | 80     | 72     | 35.5 | 20.2 | 1.96 | 33.8 | 19.6 | 2.16 | 31.9 | 18.9 | 2.38 | 29.7  | 18.1 | 2.62 | 27.3  | 17.3 | 2.90 |
|       | 75     | 63     | 30.9 | 25.3 | 1.95 | 29.4 | 24.6 | 2.14 | 27.8 | 23.9 | 2.36 | 26.0  | 23.0 | 2.61 | 23.9  | 22.1 | 2.89 |

MSH4BD036K with B4VMAX36K-B

| O.D.T |        |        | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |      |      | 115°F |      |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|-------|------|------|-------|------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C. | K.W. | T.C.  | S.C. | K.W. |
| 1050  | 80     | 62     | 34.9 | 31.5 | 2.28 | 33.5 | 31.0 | 2.51 | 31.9 | 30.4 | 2.78 | 30.0  | 29.3 | 3.07 | 28.1  | 28.1 | 3.39 |
|       | 80     | 67     | 37.9 | 26.5 | 2.30 | 36.2 | 25.8 | 2.53 | 34.3 | 25.0 | 2.79 | 32.3  | 24.1 | 3.09 | 29.9  | 23.2 | 3.43 |
|       | 80     | 72     | 41.0 | 21.2 | 2.32 | 39.2 | 20.6 | 2.55 | 37.0 | 19.8 | 2.81 | 34.9  | 19.0 | 3.11 | 32.3  | 18.1 | 3.45 |
|       | 75     | 63     | 35.3 | 25.6 | 2.28 | 33.7 | 24.9 | 2.52 | 32.0 | 24.2 | 2.78 | 30.1  | 23.3 | 3.08 | 27.9  | 22.3 | 3.41 |
| 1200  | 80     | 62     | 35.5 | 33.5 | 2.39 | 34.1 | 32.8 | 2.63 | 32.4 | 32.2 | 2.89 | 30.9  | 30.9 | 3.08 | 28.9  | 28.9 | 3.47 |
|       | 80     | 67     | 38.2 | 28.0 | 2.41 | 36.5 | 27.3 | 2.64 | 34.6 | 26.5 | 2.90 | 32.4  | 25.6 | 3.20 | 30.0  | 24.6 | 3.53 |
|       | 80     | 72     | 41.2 | 22.2 | 2.44 | 39.5 | 21.5 | 2.66 | 37.4 | 20.8 | 2.93 | 35.0  | 19.9 | 3.22 | 32.4  | 18.9 | 3.55 |
|       | 75     | 63     | 35.7 | 27.1 | 2.40 | 34.1 | 26.4 | 2.63 | 32.3 | 25.5 | 2.89 | 30.3  | 24.6 | 3.19 | 28.0  | 23.6 | 3.52 |
| 1350  | 80     | 62     | 36.1 | 35.1 | 2.53 | 34.5 | 34.3 | 2.77 | 33.2 | 33.2 | 2.95 | 31.4  | 31.3 | 3.25 | 29.3  | 29.3 | 3.59 |
|       | 80     | 67     | 38.4 | 29.4 | 2.55 | 36.7 | 28.6 | 2.78 | 34.7 | 27.8 | 3.04 | 32.5  | 26.9 | 3.34 | 30.0  | 25.8 | 3.68 |
|       | 80     | 72     | 41.5 | 23.1 | 2.57 | 39.6 | 22.4 | 2.81 | 37.4 | 21.6 | 3.06 | 35.0  | 20.7 | 3.36 | 32.3  | 19.7 | 3.69 |
|       | 75     | 63     | 35.8 | 28.3 | 2.54 | 34.2 | 27.6 | 2.77 | 32.4 | 26.8 | 3.03 | 30.3  | 25.8 | 3.33 | 28.0  | 24.7 | 3.67 |

# 13 SEER + VSB COOLING EXPANDED RATINGS (CONTINUED)

MSH4BD042K with B6VMAX48K-(B,C)

| O.D.T |        |        | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |      |      | 115°F |      |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|-------|------|------|-------|------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C. | K.W. | T.C.  | S.C. | K.W. |
| 1225  | 80     | 62     | 42.1 | 37.6 | 2.52 | 40.3 | 37.0 | 2.77 | 38.3 | 36.2 | 3.06 | 35.9  | 34.9 | 3.38 | 33.6  | 33.5 | 3.72 |
|       | 80     | 67     | 45.5 | 31.6 | 2.53 | 43.5 | 30.7 | 2.78 | 41.2 | 29.8 | 3.07 | 38.6  | 28.7 | 3.39 | 35.7  | 27.5 | 3.75 |
|       | 80     | 72     | 49.4 | 25.3 | 2.53 | 47.2 | 24.5 | 2.79 | 44.5 | 23.6 | 3.07 | 41.7  | 22.6 | 3.39 | 38.5  | 21.4 | 3.76 |
|       | 75     | 63     | 42.6 | 30.7 | 2.52 | 40.7 | 29.8 | 2.78 | 38.5 | 28.8 | 3.06 | 36.1  | 27.8 | 3.39 | 33.4  | 26.6 | 3.75 |
| 1400  | 80     | 62     | 43.0 | 40.1 | 2.64 | 41.0 | 39.2 | 2.89 | 38.9 | 38.5 | 3.18 | 36.8  | 36.8 | 3.46 | 34.4  | 34.4 | 3.83 |
|       | 80     | 67     | 46.1 | 33.5 | 2.65 | 44.0 | 32.6 | 2.90 | 41.6 | 31.6 | 3.18 | 38.9  | 30.5 | 3.50 | 35.9  | 29.2 | 3.87 |
|       | 80     | 72     | 49.8 | 26.6 | 2.66 | 47.5 | 25.7 | 2.91 | 44.9 | 24.8 | 3.19 | 41.9  | 23.7 | 3.51 | 38.6  | 22.5 | 3.87 |
|       | 75     | 63     | 43.1 | 32.4 | 2.64 | 41.2 | 31.5 | 2.90 | 38.9 | 30.5 | 3.18 | 36.4  | 29.4 | 3.50 | 33.6  | 28.1 | 3.87 |
| 1575  | 80     | 62     | 43.6 | 42.2 | 2.79 | 41.6 | 41.3 | 3.04 | 39.7 | 39.7 | 3.28 | 37.5  | 37.5 | 3.60 | 34.9  | 34.9 | 3.96 |
|       | 80     | 67     | 46.4 | 35.2 | 2.79 | 44.3 | 34.2 | 3.05 | 41.8 | 33.2 | 3.33 | 39.0  | 32.0 | 3.65 | 35.9  | 30.7 | 4.02 |
|       | 80     | 72     | 50.0 | 27.6 | 2.80 | 47.7 | 26.7 | 3.06 | 45.0 | 25.8 | 3.34 | 42.0  | 24.6 | 3.66 | 38.6  | 23.4 | 4.02 |
|       | 75     | 63     | 43.4 | 33.9 | 2.79 | 41.4 | 33.0 | 3.05 | 39.1 | 32.0 | 3.33 | 36.5  | 30.8 | 3.65 | 33.6  | 29.5 | 4.02 |

MSH4BD048K with B6VMAX48K-C

| O.D.T |        |        | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |      |      | 115°F |      |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|-------|------|------|-------|------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C. | K.W. | T.C.  | S.C. | K.W. |
| 1400  | 80     | 62     | 43.7 | 33.1 | 2.82 | 42.2 | 32.5 | 3.14 | 40.4 | 31.9 | 3.52 | 38.5  | 30.9 | 3.95 | 36.4  | 30.0 | 4.47 |
|       | 80     | 67     | 48.0 | 28.9 | 2.83 | 46.3 | 28.1 | 3.15 | 44.4 | 27.3 | 3.53 | 42.2  | 26.3 | 3.96 | 39.8  | 25.2 | 4.47 |
|       | 80     | 72     | 52.7 | 24.5 | 2.85 | 50.8 | 23.7 | 3.17 | 48.7 | 22.8 | 3.54 | 46.4  | 21.9 | 3.97 | 43.8  | 20.9 | 4.47 |
|       | 75     | 63     | 44.7 | 28.3 | 2.82 | 43.1 | 27.5 | 3.14 | 41.3 | 26.6 | 3.52 | 39.3  | 25.7 | 3.96 | 36.9  | 24.6 | 4.47 |
| 1600  | 80     | 62     | 46.4 | 37.0 | 2.87 | 44.7 | 36.3 | 3.20 | 42.8 | 36.0 | 3.57 | 40.6  | 34.9 | 4.01 | 38.3  | 33.7 | 4.52 |
|       | 80     | 67     | 50.4 | 31.9 | 2.89 | 48.5 | 31.1 | 3.21 | 46.4 | 30.1 | 3.58 | 44.1  | 29.1 | 4.01 | 41.5  | 27.9 | 4.52 |
|       | 80     | 72     | 55.5 | 26.4 | 2.91 | 53.4 | 25.6 | 3.23 | 51.1 | 24.7 | 3.60 | 48.5  | 23.7 | 4.02 | 45.6  | 22.7 | 4.52 |
|       | 75     | 63     | 47.0 | 31.1 | 2.88 | 45.2 | 30.3 | 3.20 | 43.3 | 29.3 | 3.57 | 41.1  | 28.3 | 4.01 | 38.7  | 27.1 | 4.52 |
| 1800  | 80     | 62     | 48.3 | 40.7 | 2.95 | 46.4 | 40.2 | 3.27 | 44.4 | 39.4 | 3.65 | 42.1  | 38.3 | 4.08 | 39.6  | 37.0 | 4.59 |
|       | 80     | 67     | 52.2 | 34.5 | 2.97 | 50.2 | 33.6 | 3.29 | 47.9 | 32.5 | 3.66 | 45.5  | 31.4 | 4.09 | 42.7  | 30.2 | 4.59 |
|       | 80     | 72     | 57.3 | 28.1 | 2.99 | 55.0 | 27.3 | 3.30 | 52.5 | 26.4 | 3.67 | 49.7  | 25.4 | 4.10 | 46.5  | 24.2 | 4.59 |
|       | 75     | 63     | 48.8 | 33.6 | 2.96 | 46.9 | 32.7 | 3.28 | 44.8 | 31.6 | 3.65 | 42.4  | 30.5 | 4.08 | 39.9  | 29.3 | 4.59 |

MSH4BD060K with B6VMAX60K-C

| O.D.T |        |        | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |      |      | 115°F |      |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|-------|------|------|-------|------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C. | K.W. | T.C.  | S.C. | K.W. |
| 1750  | 80     | 62     | 54.5 | 41.2 | 3.63 | 52.3 | 40.4 | 4.06 | 49.9 | 39.5 | 4.54 | 47.2  | 38.1 | 5.08 | 43.9  | 36.5 | 5.73 |
|       | 80     | 67     | 59.9 | 36.1 | 3.66 | 57.3 | 34.9 | 4.09 | 54.6 | 33.8 | 4.57 | 51.6  | 32.5 | 5.11 | 47.7  | 30.9 | 5.77 |
|       | 80     | 72     | 65.6 | 30.5 | 3.70 | 62.9 | 29.3 | 4.13 | 60.2 | 28.2 | 4.61 | 56.8  | 26.9 | 5.15 | 52.4  | 25.4 | 5.81 |
|       | 75     | 63     | 55.8 | 35.3 | 3.64 | 53.6 | 34.2 | 4.06 | 51.0 | 33.0 | 4.54 | 48.1  | 31.7 | 5.09 | 44.5  | 30.2 | 5.73 |
| 2000  | 80     | 62     | 57.7 | 45.9 | 3.73 | 55.2 | 44.9 | 4.16 | 52.5 | 44.2 | 4.64 | 49.6  | 42.8 | 5.18 | 46.1  | 40.6 | 5.83 |
|       | 80     | 67     | 62.7 | 39.7 | 3.76 | 59.9 | 38.5 | 4.19 | 57.0 | 37.2 | 4.67 | 53.6  | 35.8 | 5.21 | 49.4  | 34.1 | 5.87 |
|       | 80     | 72     | 69.4 | 32.8 | 3.81 | 66.2 | 31.7 | 4.24 | 62.7 | 30.5 | 4.71 | 59.0  | 29.2 | 5.25 | 54.2  | 27.5 | 5.91 |
|       | 75     | 63     | 58.6 | 38.8 | 3.74 | 56.0 | 37.6 | 4.17 | 53.3 | 36.3 | 4.64 | 50.2  | 34.8 | 5.18 | 46.3  | 33.1 | 5.83 |
| 2250  | 80     | 62     | 59.9 | 50.3 | 3.87 | 57.3 | 49.4 | 4.30 | 54.4 | 48.3 | 4.77 | 51.3  | 46.6 | 5.31 | 47.2  | 44.1 | 5.97 |
|       | 80     | 67     | 64.7 | 42.8 | 3.90 | 61.8 | 41.5 | 4.32 | 58.7 | 40.1 | 4.80 | 55.2  | 38.7 | 5.35 | 50.8  | 36.8 | 6.01 |
|       | 80     | 72     | 71.1 | 35.0 | 3.94 | 67.8 | 33.8 | 4.37 | 64.2 | 32.5 | 4.85 | 60.2  | 31.2 | 5.39 | 55.0  | 29.5 | 6.04 |
|       | 75     | 63     | 60.6 | 41.7 | 3.87 | 57.9 | 40.4 | 4.30 | 54.9 | 39.0 | 4.77 | 51.7  | 37.5 | 5.32 | 47.6  | 35.7 | 5.97 |

# 13 SEER + VSB HEATING EXPANDED RATINGS

MSH4BD018K with B6VMAX24K-(A,B)

|            |                    | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------|--------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 100<br>CFM | Indoor T.<br>Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|            |                    | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 500        | 60                 | 9.0                          | 1.99 | 1.33 | 10.9 | 2.40 | 1.34 | 11.8 | 2.57 | 1.34 | 14.5 | 3.14 | 1.35 | 17.2 | 3.70 | 1.37 | 19.2 | 4.09 | 1.37 | 20.0 | 4.25 | 1.38 | 22.7 | 4.80 | 1.39 |
|            | 70                 | 8.5                          | 2.00 | 1.25 | 10.3 | 2.36 | 1.27 | 11.0 | 2.51 | 1.29 | 13.5 | 2.99 | 1.32 | 16.0 | 3.45 | 1.36 | 17.7 | 3.76 | 1.38 | 18.5 | 3.88 | 1.39 | 20.9 | 4.30 | 1.43 |
|            | 80                 | 7.9                          | 1.95 | 1.19 | 9.5  | 2.28 | 1.22 | 10.2 | 2.42 | 1.23 | 12.4 | 2.84 | 1.28 | 14.6 | 3.24 | 1.32 | 16.2 | 3.51 | 1.35 | 16.9 | 3.62 | 1.37 | 19.1 | 3.97 | 1.41 |
| 600        | 60                 | 9.1                          | 1.93 | 1.37 | 11.0 | 2.34 | 1.38 | 11.9 | 2.51 | 1.39 | 14.7 | 3.08 | 1.40 | 17.5 | 3.65 | 1.41 | 19.4 | 4.03 | 1.41 | 20.3 | 4.20 | 1.42 | 23.1 | 4.75 | 1.43 |
|            | 70                 | 8.6                          | 1.94 | 1.30 | 10.4 | 2.30 | 1.33 | 11.2 | 2.45 | 1.34 | 13.7 | 2.93 | 1.37 | 16.2 | 3.39 | 1.40 | 18.0 | 3.70 | 1.43 | 18.8 | 3.83 | 1.44 | 21.3 | 4.25 | 1.47 |
|            | 80                 | 8.0                          | 1.92 | 1.23 | 9.7  | 2.24 | 1.26 | 10.3 | 2.37 | 1.28 | 12.6 | 2.80 | 1.33 | 14.9 | 3.19 | 1.38 | 16.6 | 3.44 | 1.41 | 17.3 | 3.55 | 1.43 | 19.6 | 3.89 | 1.48 |
| 700        | 60                 | 9.3                          | 1.91 | 1.42 | 11.2 | 2.31 | 1.43 | 12.1 | 2.48 | 1.43 | 14.9 | 3.05 | 1.43 | 17.7 | 3.61 | 1.44 | 19.7 | 4.00 | 1.44 | 20.5 | 4.17 | 1.44 | 23.3 | 4.72 | 1.45 |
|            | 70                 | 8.7                          | 1.91 | 1.34 | 10.5 | 2.27 | 1.36 | 11.3 | 2.42 | 1.37 | 13.9 | 2.90 | 1.41 | 16.5 | 3.36 | 1.44 | 18.3 | 3.67 | 1.46 | 19.1 | 3.80 | 1.47 | 21.7 | 4.22 | 1.51 |
|            | 80                 | 8.2                          | 1.89 | 1.27 | 9.8  | 2.20 | 1.31 | 10.5 | 2.33 | 1.32 | 12.8 | 2.73 | 1.37 | 15.1 | 3.11 | 1.42 | 16.7 | 3.36 | 1.46 | 17.4 | 3.47 | 1.48 | 19.8 | 3.80 | 1.53 |

MSH4BD024K with B6VMAX24K-(A,B)

|            |                    | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------|--------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 100<br>CFM | Indoor T.<br>Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|            |                    | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 650        | 60                 | 11.6                         | 2.16 | 1.57 | 14.0 | 2.57 | 1.59 | 15.0 | 2.74 | 1.61 | 18.5 | 3.29 | 1.65 | 21.9 | 3.82 | 1.69 | 24.4 | 4.17 | 1.71 | 25.4 | 4.32 | 1.73 | 28.9 | 4.79 | 1.77 |
|            | 70                 | 11.0                         | 2.12 | 1.52 | 13.3 | 2.48 | 1.56 | 14.2 | 2.63 | 1.58 | 17.4 | 3.11 | 1.65 | 20.7 | 3.54 | 1.71 | 22.9 | 3.83 | 1.75 | 23.9 | 3.95 | 1.77 | 27.1 | 4.33 | 1.84 |
|            | 80                 | 10.4                         | 2.04 | 1.50 | 12.5 | 2.37 | 1.55 | 13.4 | 2.50 | 1.57 | 16.4 | 2.92 | 1.64 | 19.3 | 3.31 | 1.71 | 21.4 | 3.56 | 1.77 | 22.3 | 3.66 | 1.79 | 25.3 | 3.99 | 1.86 |
| 750        | 60                 | 11.6                         | 2.12 | 1.61 | 14.1 | 2.53 | 1.63 | 15.1 | 2.70 | 1.64 | 18.7 | 3.25 | 1.68 | 22.2 | 3.78 | 1.72 | 24.6 | 4.14 | 1.75 | 25.7 | 4.29 | 1.76 | 29.2 | 4.77 | 1.80 |
|            | 70                 | 11.1                         | 2.08 | 1.57 | 13.4 | 2.44 | 1.61 | 14.4 | 2.59 | 1.63 | 17.6 | 3.06 | 1.69 | 20.9 | 3.51 | 1.75 | 23.2 | 3.80 | 1.79 | 24.2 | 3.92 | 1.81 | 27.4 | 4.31 | 1.87 |
|            | 80                 | 10.5                         | 2.01 | 1.53 | 12.7 | 2.34 | 1.59 | 13.6 | 2.47 | 1.61 | 16.6 | 2.89 | 1.68 | 19.7 | 3.27 | 1.76 | 21.8 | 3.52 | 1.81 | 22.7 | 3.63 | 1.84 | 25.7 | 3.95 | 1.91 |
| 850        | 60                 | 11.8                         | 2.09 | 1.65 | 14.2 | 2.49 | 1.68 | 15.3 | 2.66 | 1.69 | 18.9 | 3.22 | 1.72 | 22.4 | 3.75 | 1.75 | 24.9 | 4.11 | 1.77 | 25.9 | 4.26 | 1.78 | 29.5 | 4.76 | 1.82 |
|            | 70                 | 11.2                         | 2.05 | 1.61 | 13.5 | 2.41 | 1.65 | 14.5 | 2.56 | 1.66 | 17.9 | 3.04 | 1.72 | 21.2 | 3.49 | 1.78 | 23.5 | 3.78 | 1.82 | 24.5 | 3.90 | 1.84 | 27.8 | 4.29 | 1.90 |
|            | 80                 | 10.7                         | 1.99 | 1.57 | 12.8 | 2.31 | 1.63 | 13.7 | 2.44 | 1.65 | 16.8 | 2.85 | 1.73 | 19.8 | 3.23 | 1.80 | 22.0 | 3.47 | 1.85 | 22.9 | 3.58 | 1.88 | 25.9 | 3.90 | 1.95 |

MSH4BD030K with B6VMAX30K-(A,B)

|            |                    | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------|--------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 100<br>CFM | Indoor T.<br>Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|            |                    | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 750        | 60                 | 14.7                         | 2.42 | 1.78 | 17.6 | 2.77 | 1.87 | 18.9 | 2.91 | 1.90 | 23.1 | 3.33 | 2.03 | 27.2 | 3.70 | 2.16 | 30.1 | 3.94 | 2.25 | 31.4 | 4.03 | 2.28 | 35.6 | 4.33 | 2.41 |
|            | 70                 | 14.1                         | 2.33 | 1.77 | 16.8 | 2.63 | 1.88 | 18.0 | 2.75 | 1.92 | 22.0 | 3.11 | 2.08 | 25.9 | 3.41 | 2.23 | 28.7 | 3.60 | 2.33 | 29.9 | 3.68 | 2.38 | 33.8 | 3.92 | 2.53 |
|            | 80                 | 13.5                         | 2.23 | 1.78 | 16.1 | 2.49 | 1.90 | 17.2 | 2.59 | 1.95 | 20.9 | 2.90 | 2.12 | 24.7 | 3.16 | 2.29 | 27.3 | 3.32 | 2.41 | 28.4 | 3.38 | 2.46 | 32.1 | 3.57 | 2.63 |
| 850        | 60                 | 14.8                         | 2.38 | 1.82 | 17.7 | 2.73 | 1.90 | 19.0 | 2.87 | 1.94 | 23.2 | 3.30 | 2.06 | 27.5 | 3.69 | 2.19 | 30.5 | 3.93 | 2.27 | 31.7 | 4.03 | 2.31 | 36.0 | 4.34 | 2.43 |
|            | 70                 | 14.2                         | 2.30 | 1.81 | 17.0 | 2.60 | 1.92 | 18.2 | 2.72 | 1.96 | 22.2 | 3.09 | 2.11 | 26.2 | 3.40 | 2.26 | 29.0 | 3.60 | 2.36 | 30.2 | 3.68 | 2.41 | 34.2 | 3.93 | 2.56 |
|            | 80                 | 13.6                         | 2.20 | 1.82 | 16.3 | 2.46 | 1.93 | 17.4 | 2.57 | 1.99 | 21.2 | 2.88 | 2.16 | 25.0 | 3.15 | 2.33 | 27.6 | 3.31 | 2.44 | 28.7 | 3.38 | 2.49 | 32.5 | 3.58 | 2.66 |
| 950        | 60                 | 14.9                         | 2.34 | 1.86 | 17.9 | 2.70 | 1.94 | 19.1 | 2.84 | 1.98 | 23.4 | 3.28 | 2.10 | 27.7 | 3.67 | 2.21 | 30.7 | 3.92 | 2.30 | 32.0 | 4.02 | 2.33 | 36.3 | 4.34 | 2.45 |
|            | 70                 | 14.3                         | 2.27 | 1.85 | 17.2 | 2.58 | 1.95 | 18.4 | 2.70 | 1.99 | 22.4 | 3.07 | 2.14 | 26.5 | 3.39 | 2.29 | 29.3 | 3.60 | 2.39 | 30.5 | 3.68 | 2.43 | 34.6 | 3.93 | 2.58 |
|            | 80                 | 13.7                         | 2.17 | 1.85 | 16.4 | 2.44 | 1.97 | 17.5 | 2.54 | 2.02 | 21.3 | 2.86 | 2.19 | 25.1 | 3.13 | 2.36 | 27.8 | 3.30 | 2.47 | 28.9 | 3.36 | 2.52 | 32.7 | 3.57 | 2.69 |

MSH4BD036K with B6VMAX36K-B

|            |                    | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------|--------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 150<br>CFM | Indoor T.<br>Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|            |                    | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 950        | 60                 | 17.3                         | 2.48 | 2.05 | 21.0 | 2.83 | 2.18 | 22.5 | 2.96 | 2.23 | 27.7 | 3.36 | 2.42 | 32.9 | 3.71 | 2.61 | 36.6 | 3.92 | 2.74 | 38.2 | 4.00 | 2.79 | 43.4 | 4.26 | 2.98 |
|            | 70                 | 16.7                         | 2.35 | 2.08 | 20.2 | 2.65 | 2.23 | 21.7 | 2.77 | 2.29 | 26.6 | 3.12 | 2.51 | 31.6 | 3.41 | 2.72 | 35.1 | 3.59 | 2.87 | 36.6 | 3.66 | 2.94 | 41.6 | 3.87 | 3.15 |
|            | 80                 | 16.1                         | 2.21 | 2.13 | 19.4 | 2.48 | 2.30 | 20.9 | 2.58 | 2.37 | 25.6 | 2.88 | 2.61 | 30.4 | 3.14 | 2.84 | 33.7 | 3.29 | 3.01 | 35.2 | 3.35 | 3.08 | 39.9 | 3.53 | 3.31 |
| 1100       | 60                 | 17.5                         | 2.44 | 2.10 | 21.2 | 2.79 | 2.23 | 22.8 | 2.93 | 2.28 | 28.1 | 3.34 | 2.46 | 33.4 | 3.71 | 2.64 | 37.1 | 3.93 | 2.77 | 38.7 | 4.02 | 2.82 | 43.9 | 4.30 | 3.00 |
|            | 70                 | 16.9                         | 2.31 | 2.14 | 20.4 | 2.62 | 2.28 | 21.9 | 2.74 | 2.35 | 27.0 | 3.10 | 2.55 | 32.1 | 3.41 | 2.76 | 35.6 | 3.60 | 2.90 | 37.1 | 3.68 | 2.96 | 42.2 | 3.91 | 3.17 |
|            | 80                 | 16.2                         | 2.18 | 2.19 | 19.7 | 2.45 | 2.35 | 21.1 | 2.56 | 2.42 | 26.0 | 2.88 | 2.65 | 30.8 | 3.14 | 2.88 | 34.2 | 3.30 | 3.04 | 35.7 | 3.37 | 3.11 | 40.5 | 3.57 | 3.33 |
| 1250       | 60                 | 17.6                         | 2.40 | 2.15 | 21.3 | 2.75 | 2.27 | 23.0 | 2.89 | 2.33 | 28.3 | 3.32 | 2.50 | 33.7 | 3.69 | 2.68 | 37.5 | 3.93 | 2.80 | 39.1 | 4.02 | 2.85 | 44.5 | 4.31 | 3.03 |
|            | 70                 | 17.1                         | 2.28 | 2.19 | 20.6 | 2.60 | 2.33 | 22.2 | 2.72 | 2.39 | 27.3 | 3.09 | 2.59 | 32.5 | 3.41 | 2.79 | 36.1 | 3.61 | 2.93 | 37.6 | 3.69 | 2.99 | 42.7 | 3.93 | 3.19 |
|            | 80                 | 16.5                         | 2.15 | 2.24 | 19.9 | 2.43 | 2.40 | 21.4 | 2.54 | 2.47 | 26.3 | 2.86 | 2.69 | 31.2 | 3.14 | 2.91 | 34.6 | 3.31 | 3.07 | 36.1 | 3.37 | 3.13 | 41.0 | 3.58 | 3.36 |

# 13 SEER + VSB HEATING EXPANDED RATINGS (CONTINUED)

## MSH4BD042K with B6VMAX48K-(B,C)

|            |                    | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------|--------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 150<br>CFM | Indoor T.<br>Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|            |                    | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 1175       | 60                 | 22.3                         | 2.53 | 2.58 | 26.2 | 2.87 | 2.68 | 27.9 | 3.01 | 2.72 | 33.5 | 3.44 | 2.86 | 39.1 | 3.83 | 3.00 | 43.0 | 4.08 | 3.09 | 44.7 | 4.18 | 3.13 | 50.2 | 4.51 | 3.27 |
|            | 70                 | 21.5                         | 2.34 | 2.70 | 25.3 | 2.65 | 2.80 | 27.0 | 2.77 | 2.85 | 32.4 | 3.16 | 3.00 | 37.8 | 3.51 | 3.15 | 41.5 | 3.74 | 3.26 | 43.2 | 3.83 | 3.30 | 48.6 | 4.12 | 3.46 |
|            | 80                 | 21.0                         | 2.18 | 2.83 | 24.6 | 2.45 | 2.95 | 26.2 | 2.57 | 2.99 | 31.4 | 2.91 | 3.16 | 36.5 | 3.23 | 3.32 | 40.2 | 3.43 | 3.43 | 41.7 | 3.51 | 3.48 | 46.9 | 3.77 | 3.65 |
| 1325       | 60                 | 22.5                         | 2.51 | 2.63 | 26.5 | 2.85 | 2.72 | 28.2 | 2.99 | 2.76 | 33.8 | 3.43 | 2.89 | 39.5 | 3.84 | 3.02 | 43.5 | 4.10 | 3.11 | 45.2 | 4.21 | 3.15 | 50.9 | 4.55 | 3.28 |
|            | 70                 | 21.8                         | 2.33 | 2.74 | 25.6 | 2.64 | 2.84 | 27.2 | 2.77 | 2.89 | 32.7 | 3.16 | 3.03 | 38.2 | 3.53 | 3.17 | 42.0 | 3.76 | 3.28 | 43.6 | 3.86 | 3.32 | 49.1 | 4.16 | 3.46 |
|            | 80                 | 21.2                         | 2.16 | 2.88 | 24.9 | 2.44 | 2.99 | 26.4 | 2.56 | 3.03 | 31.7 | 2.92 | 3.19 | 37.0 | 3.24 | 3.34 | 40.6 | 3.45 | 3.45 | 42.2 | 3.54 | 3.50 | 47.5 | 3.81 | 3.65 |
| 1475       | 60                 | 22.5                         | 2.47 | 2.67 | 26.6 | 2.82 | 2.76 | 28.3 | 2.97 | 2.80 | 34.1 | 3.42 | 2.92 | 39.9 | 3.83 | 3.05 | 43.9 | 4.10 | 3.14 | 45.6 | 4.21 | 3.18 | 51.4 | 4.56 | 3.30 |
|            | 70                 | 22.0                         | 2.32 | 2.79 | 25.9 | 2.63 | 2.88 | 27.5 | 2.76 | 2.93 | 33.1 | 3.16 | 3.06 | 38.6 | 3.53 | 3.20 | 42.5 | 3.77 | 3.30 | 44.1 | 3.87 | 3.34 | 49.6 | 4.18 | 3.48 |
|            | 80                 | 21.4                         | 2.15 | 2.92 | 25.1 | 2.43 | 3.03 | 26.7 | 2.55 | 3.07 | 32.0 | 2.91 | 3.22 | 37.3 | 3.25 | 3.37 | 41.0 | 3.47 | 3.47 | 42.6 | 3.55 | 3.52 | 47.9 | 3.83 | 3.67 |

## MSH4BD048K with B6VMAX48K-C

|            |                    | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------|--------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 200<br>CFM | Indoor T.<br>Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|            |                    | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 1475       | 60                 | 25.6                         | 2.45 | 3.06 | 29.8 | 2.73 | 3.19 | 31.6 | 2.85 | 3.25 | 37.6 | 3.20 | 3.45 | 43.6 | 3.51 | 3.64 | 47.8 | 3.71 | 3.78 | 49.6 | 3.79 | 3.84 | 55.6 | 4.05 | 4.03 |
|            | 70                 | 24.7                         | 2.23 | 3.24 | 28.8 | 2.49 | 3.39 | 30.6 | 2.60 | 3.45 | 36.4 | 2.92 | 3.66 | 42.3 | 3.21 | 3.86 | 46.4 | 3.39 | 4.01 | 48.1 | 3.47 | 4.07 | 54.0 | 3.70 | 4.28 |
|            | 80                 | 24.2                         | 2.06 | 3.45 | 28.1 | 2.29 | 3.61 | 29.8 | 2.38 | 3.67 | 35.5 | 2.67 | 3.89 | 41.1 | 2.93 | 4.11 | 45.0 | 3.09 | 4.27 | 46.7 | 3.16 | 4.33 | 52.3 | 3.37 | 4.55 |
| 1675       | 60                 | 25.8                         | 2.44 | 3.10 | 30.1 | 2.73 | 3.23 | 31.9 | 2.85 | 3.29 | 38.1 | 3.22 | 3.47 | 44.2 | 3.55 | 3.65 | 48.5 | 3.76 | 3.78 | 50.3 | 3.85 | 3.84 | 56.4 | 4.12 | 4.02 |
|            | 70                 | 25.0                         | 2.23 | 3.29 | 29.2 | 2.50 | 3.43 | 31.0 | 2.61 | 3.48 | 36.9 | 2.94 | 3.68 | 42.8 | 3.25 | 3.87 | 47.0 | 3.44 | 4.01 | 48.8 | 3.52 | 4.06 | 54.7 | 3.77 | 4.26 |
|            | 80                 | 24.4                         | 2.04 | 3.50 | 28.5 | 2.29 | 3.65 | 30.2 | 2.39 | 3.71 | 35.9 | 2.69 | 3.91 | 41.6 | 2.97 | 4.12 | 45.7 | 3.15 | 4.26 | 47.4 | 3.22 | 4.32 | 53.1 | 3.44 | 4.52 |
| 1875       | 60                 | 25.9                         | 2.41 | 3.15 | 30.3 | 2.71 | 3.27 | 32.2 | 2.84 | 3.33 | 38.4 | 3.22 | 3.50 | 44.7 | 3.56 | 3.68 | 49.1 | 3.78 | 3.81 | 50.9 | 3.87 | 3.86 | 57.2 | 4.15 | 4.04 |
|            | 70                 | 25.4                         | 2.23 | 3.34 | 29.6 | 2.50 | 3.47 | 31.4 | 2.61 | 3.52 | 37.4 | 2.96 | 3.71 | 43.4 | 3.27 | 3.89 | 47.6 | 3.47 | 4.02 | 49.4 | 3.55 | 4.08 | 55.4 | 3.81 | 4.26 |
|            | 80                 | 24.7                         | 2.04 | 3.55 | 28.8 | 2.29 | 3.69 | 30.5 | 2.39 | 3.74 | 36.3 | 2.71 | 3.94 | 42.1 | 2.99 | 4.13 | 46.2 | 3.18 | 4.26 | 47.9 | 3.25 | 4.32 | 53.7 | 3.49 | 4.51 |

## MSH4BD060K with B6VMAX60K-C

|            |                    | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------|--------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 200<br>CFM | Indoor T.<br>Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|            |                    | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 1650       | 60                 | 33.7                         | 2.68 | 3.69 | 37.8 | 2.88 | 3.86 | 39.6 | 2.96 | 3.93 | 45.6 | 3.21 | 4.17 | 51.6 | 3.43 | 4.42 | 55.8 | 3.57 | 4.59 | 57.6 | 3.63 | 4.66 | 63.6 | 3.80 | 4.90 |
|            | 70                 | 32.7                         | 2.41 | 3.97 | 36.8 | 2.60 | 4.15 | 38.5 | 2.68 | 4.22 | 44.4 | 2.91 | 4.47 | 50.3 | 3.12 | 4.72 | 54.4 | 3.26 | 4.89 | 56.1 | 3.31 | 4.96 | 62.0 | 3.49 | 5.21 |
|            | 80                 | 32.2                         | 2.21 | 4.28 | 36.2 | 2.38 | 4.46 | 37.8 | 2.44 | 4.54 | 43.5 | 2.66 | 4.80 | 49.1 | 2.84 | 5.06 | 53.0 | 2.97 | 5.24 | 54.7 | 3.02 | 5.32 | 60.4 | 3.17 | 5.58 |
| 1850       | 60                 | 34.0                         | 2.68 | 3.72 | 38.2 | 2.89 | 3.88 | 40.0 | 2.98 | 3.95 | 46.1 | 3.24 | 4.18 | 52.2 | 3.48 | 4.41 | 56.5 | 3.63 | 4.57 | 58.3 | 3.69 | 4.63 | 64.4 | 3.88 | 4.86 |
|            | 70                 | 33.0                         | 2.42 | 4.00 | 37.2 | 2.62 | 4.16 | 39.0 | 2.70 | 4.23 | 44.9 | 2.95 | 4.46 | 50.8 | 3.17 | 4.70 | 55.0 | 3.32 | 4.86 | 56.8 | 3.38 | 4.93 | 62.7 | 3.56 | 5.16 |
|            | 80                 | 32.4                         | 2.20 | 4.31 | 36.5 | 2.39 | 4.48 | 38.2 | 2.46 | 4.55 | 43.9 | 2.69 | 4.79 | 49.7 | 2.89 | 5.03 | 53.7 | 3.03 | 5.20 | 55.4 | 3.08 | 5.27 | 61.2 | 3.25 | 5.51 |
| 2050       | 60                 | 33.9                         | 2.65 | 3.75 | 38.3 | 2.88 | 3.91 | 40.2 | 2.97 | 3.97 | 46.5 | 3.25 | 4.20 | 52.7 | 3.50 | 4.42 | 57.1 | 3.66 | 4.58 | 59.0 | 3.72 | 4.64 | 65.2 | 3.93 | 4.87 |
|            | 70                 | 33.4                         | 2.43 | 4.04 | 37.6 | 2.63 | 4.19 | 39.4 | 2.71 | 4.26 | 45.4 | 2.97 | 4.48 | 51.4 | 3.21 | 4.70 | 55.6 | 3.36 | 4.85 | 57.4 | 3.42 | 4.92 | 63.4 | 3.62 | 5.14 |
|            | 80                 | 32.7                         | 2.21 | 4.35 | 36.8 | 2.40 | 4.51 | 38.6 | 2.47 | 4.57 | 44.4 | 2.71 | 4.80 | 50.2 | 2.93 | 5.02 | 54.2 | 3.07 | 5.18 | 56.0 | 3.13 | 5.24 | 61.8 | 3.32 | 5.47 |



**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.

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