

**MAYTAG**

## TECHNICAL SPECIFICATIONS

*Model CSA4BD-KB Series*



M120 Product Line

**R-410A High Efficiency Air Conditioner  
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 an air conditioner that uses a more efficient and environmentally friendly refrigerant designated R-410A. The CSA4BD-KB Series of air conditioners 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**

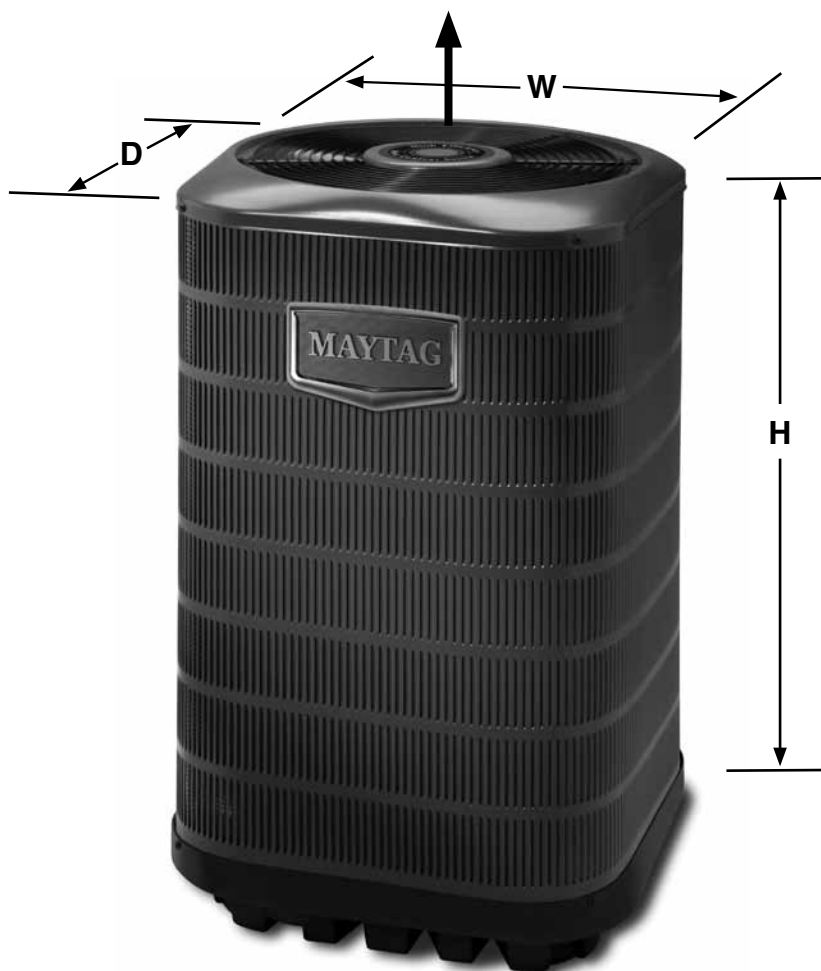
- **Smart Cool 410™ Refrigerant (R-410A)** – Earth friendly non-ozone depleting refrigerant.
- **Quiet Plus™ Sound Package** – Consists of a Quiet Plus™ Compressor Sound Blanket and Swept Wing Fan Blade. Both have been engineered to significantly reduce unwanted noise.
- **Durable, Attractive Cabinet** – Designed using galvanized steel with a polyester urethane finish. The 950 hour salt spray finish is 1.5 mil thick and resists corrosion 50% better than comparable units.
- **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.
- **Micro-Channel Coils** – All aluminum coils in all models which provides high corrosion resistance.



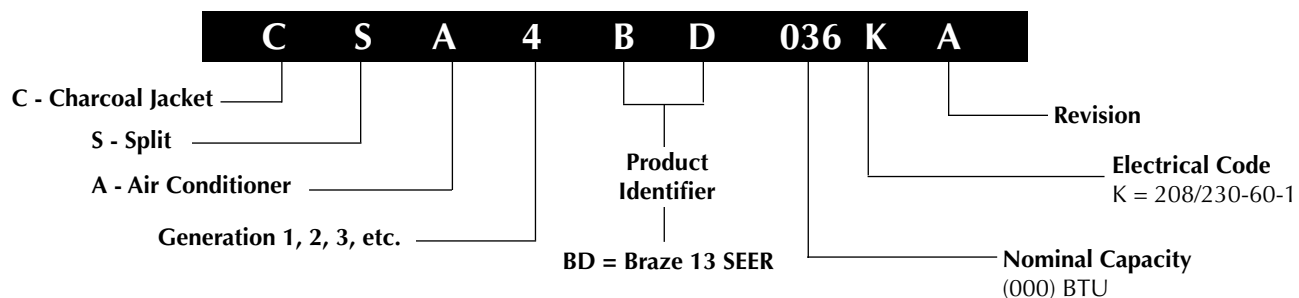
## DIMENSIONS/OUTDOOR SECTION

### 13 SEER — High Efficiency

| CSA4BD- | 018KB  | 024KB  | 030KB  | 036KB  | 042KB  | 048KB  | 060KB  |
|---------|--------|--------|--------|--------|--------|--------|--------|
| H       | 25     | 25     | 29     | 29     | 29 1/2 | 29 1/2 | 33 1/2 |
| W       | 22 3/4 | 22 3/4 | 22 3/4 | 22 3/4 | 30 3/4 | 30 3/4 | 30 3/4 |
| D       | 22 3/4 | 22 3/4 | 22 3/4 | 22 3/4 | 30 3/4 | 30 3/4 | 30 3/4 |



## IDENTIFICATION CODE



# PHYSICAL AND ELECTRICAL SPECIFICATIONS/OUTDOOR UNITS

## 13 SEER — High Efficiency

| Model Number CSA4BD                                                                |                        |                | 018KB         | 024KB         | 030KB         | 036KB         | 042KB         | 048KB         | 060KB         |
|------------------------------------------------------------------------------------|------------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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             |                | 9.3           | 13.5          | 14.8          | 18.0          | 19.4          | 23.2          | 27.8          |
|                                                                                    | Delay Fuse Max. (2)    |                | 20            | 25            | 30            | 35            | 40            | 50            | 60            |
|                                                                                    | Min. Circuit Ampacity  |                | 11.6          | 16.7          | 18.3          | 22.2          | 23.9          | 28.7          | 34.4          |
| Component Data                                                                     | Coil                   | Area           | 8.3           | 8.3           | 10.0          | 10.0          | 15.3          | 15.3          | 17.9          |
|                                                                                    |                        | Rows-FPI       | 1-18          | 1-18          | 1-18          | 1-18          | 1-18          | 1-18          | 1-18          |
|                                                                                    |                        | Tube Dia       | Micro-Channel | Micro-Channel | Micro-Channel | Micro-Channel | Micro-Channel | Micro-Channel | Micro-Channel |
|                                                                                    | Fan Motor              | Type           | PSC           | PSC           | PSC           | PSC           | PSC           | PSC           | PSC           |
|                                                                                    |                        | Amps           | 0.35          | 0.7           | 0.7           | 1.4           | 1.5           | 1.5           | 1.5           |
|                                                                                    |                        | HP             | 0.05          | 0.1           | 0.1           | 0.25          | 0.25          | 0.25          | 0.25          |
|                                                                                    | Fan Blade              | Dia - # Blades | 18" - 2       | 18" - 3       | 18" - 3       | 18" - 4       | 24" - 2       | 24" - 2       | 24" - 2       |
|                                                                                    |                        | SCFM           | 2600          | 2800          | 3000          | 3000          | 3500          | 3500          | 3800          |
|                                                                                    | Compressor Data        | RLA            | 9.0           | 12.8          | 14.1          | 16.6          | 17.9          | 21.8          | 26.4          |
|                                                                                    |                        | LRA            | 48.0          | 58.3          | 73.0          | 79.0          | 112.0         | 117.0         | 134.0         |
| 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"          | 3/4"          | 7/8"          | 7/8"          | 7/8"          |
|                                                                                    |                        | 25-39 ft.      | 3/4"          | 3/4"          | 3/4"          | 7/8" (3)      | 7/8"          | 7/8"          | 1-1/8" (4)    |
|                                                                                    |                        | 40-75 ft.      | 3/4"          | 3/4"          | 3/4"          | 7/8" (3)      | 7/8"          | 7/8"          | 1-1/8" (4)    |
| Approximate Weight (lbs.)                                                          |                        | Net            | 109           | 125           | 138           | 140           | 179           | 179           | 188           |
|                                                                                    |                        | Ship           | 114           | 130           | 144           | 146           | 187           | 187           | 197           |
| Sound Rating db (6)                                                                |                        |                | 66            | 66            | 66            | 68            | 71            | 71            | 71            |

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

(2) HACR Type Circuit Breakers may be used.

(3) Requires 7/8" to 3/4" reducer from line to unit.

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

(5) 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.

(6) Tested in compliance with AHRI 270-2008 but not listed with AHRI

## 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.

### Extreme Wind Condition Mounting Kit - 920900

# SYSTEM HEATING & COOLING CAPACITIES

## 13 SEER — High Efficiency — Single Phase

| Outdoor Unit Model Number CSA4BD- | Indoor Unit  | BTUH   | SEER  | EER   | SCFM |
|-----------------------------------|--------------|--------|-------|-------|------|
| 018KB                             | GB5BMM024K-A | 17,500 | 13.00 | 11.00 | 555  |
| 018KB                             | GB5BMM024K-B | 17,500 | 13.00 | 11.00 | 550  |
| 024KB                             | GB5BMM024K-A | 23,000 | 13.00 | 11.00 | 700  |
| 024KB                             | GB5BMM024K-B | 23,000 | 13.00 | 11.00 | 715  |
| 030KB                             | GB5BMM030K-A | 28,800 | 13.00 | 10.90 | 1125 |
| 030KB                             | GB5BMM030K-B | 28,400 | 13.00 | 11.00 | 890  |
| 036KB                             | GB5BMM036K-B | 35,000 | 13.00 | 10.90 | 1160 |
| 042KB                             | GB5BMM042K-B | 40,000 | 13.00 | 11.00 | 1370 |
| 048KB                             | GB5BMM048K-B | 46,500 | 13.00 | 11.00 | 1355 |
| 048KB                             | GB5BMM048K-C | 47,500 | 13.00 | 11.00 | 1630 |
| 060KB                             | GB5BMM060K-C | 57,500 | 13.00 | 11.00 | 1950 |

| Outdoor Unit Model Number CSA4BD | Indoor Unit                      | BTUH  | SEER | EER  | SCFM |
|----------------------------------|----------------------------------|-------|------|------|------|
| 018KB                            | GB5BM-024K-(A,B) + TXV Kit - 2.0 | 18000 | 13   | 11.5 | 675  |
| 024KB                            | GB5BM-024K-(A,B) + TXV Kit - 2.0 | 24000 | 13   | 11.5 | 700  |
| 030KB                            | GB5BM-030K-(A,B) + TXV Kit - 2.5 | 29400 | 13   | 11.5 | 950  |
| 036KB                            | GB5BM-036K-B + TXV Kit - 3.0     | 34600 | 13   | 11.5 | 950  |
| 042KB                            | GB5BM-042K-B + TXV Kit - 3.5     | 40500 | 13   | 11.0 | 1250 |
| 048KB                            | GB5BM-048K-C + TXV Kit - 4.0     | 46500 | 13   | 11.0 | 1600 |
| 060KB                            | GB5BM-060K-C + TXV Kit - 5.0     | 55500 | 13   | 10.9 | 1600 |

| Outdoor Unit Model Number CSA4BD- | Indoor Unit B5BM, PAH2BM | BTUH  | SEER | EER  | SCFM |
|-----------------------------------|--------------------------|-------|------|------|------|
| 018KB                             | X24K(A,B)                | 18000 | 13   | 11.5 | 675  |
| 024KB                             | X24K(A,B)                | 24000 | 13   | 11.5 | 700  |
| 030KB                             | X30K(A,B)                | 29400 | 13   | 11.5 | 950  |
| 036KB                             | X36K(A,B)                | 34600 | 13   | 11.5 | 950  |
| 042KB                             | X42KB                    | 40500 | 13   | 11.0 | 1250 |
| 048KB                             | X48K(B,C)                | 46500 | 13   | 11.0 | 1600 |
| 060KB                             | X60KC                    | 55500 | 13   | 10.9 | 1600 |

| Outdoor Unit Model Number CSA4BD- | Indoor Unit + TDR         | BTUH  | SEER | EER  | SCFM |
|-----------------------------------|---------------------------|-------|------|------|------|
| 018KB                             | C6B(A,H)-X24(C,U)-A       | 18000 | 13   | 12   | 530  |
| 018KB                             | C6B(A,H)-X24(C,U)-B       | 18000 | 13   | 11   | 600  |
| 024KB                             | C6B(A,H)-X24(C,U)-(A,B)   | 24000 | 13   | 11.5 | 700  |
| 030KB                             | C6B(A,H)-X30(C,U)-(A,B)   | 28600 | 13   | 11   | 950  |
| 030KB                             | C6B(A,H)-X30(C,U)-C       | 28600 | 13   | 11.5 | 1000 |
| 036KB                             | C6B(A,H)-X35(C,U)-(A,B)   | 34600 | 13   | 11.5 | 950  |
| 036KB                             | C6B(A,H)-X36(C,U)-(B,C)   | 35600 | 13   | 11.3 | 1100 |
| 042KB                             | C6B(A,H)-X42(C,U)-(B,C,D) | 40500 | 13   | 11.0 | 1250 |
| 048KB                             | C6B(A,H)-X47(C,U)-C       | 46500 | 13   | 11.0 | 1600 |
| 048KB                             | C6B(A,H)-X48(C,U)-(C,D)   | 46500 | 13   | 11.0 | 1600 |
| 060KB                             | C6B(A,H)-X60(C,U)-(C,D)   | 55000 | 13   | 10.9 | 1600 |

## 14 SEER — High Efficiency — Single Phase

| Outdoor Unit Model Number CSA4BD- | Indoor Unit B4VM, PAH4VM | BTUH  | SEER | EER  | SCFM |
|-----------------------------------|--------------------------|-------|------|------|------|
| 018KB                             | X24K(A,B)                | 18400 | 14   | 12.5 | 550  |
| 024KB                             | X24K(A,B)                | 24400 | 14   | 12.5 | 700  |
| 030KB                             | X30K(A,B)                | 30000 | 14   | 12.5 | 950  |
| 036KB                             | X36KB                    | 35200 | 14   | 12.5 | 950  |
| 042KB                             | X48K(B,C)                | 41000 | 14   | 12.0 | 1250 |
| 048KB                             | X48KC                    | 48000 | 14   | 12.0 | 1400 |
| 060KB                             | X60KC                    | 55500 | 13.5 | 11.0 | 1600 |

See current AHRI Directory for certified combinations and ratings. All ratings are with time delay relay.

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

# 13 SEER COOLING EXPANDED RATINGS

CSA4BD018KB with C6B(A,H)-X24(C,U)-(A,B)+TDR

CSA4BD018KB with C6B(A,H)-X24(C,U)-(A,B)+MB6B(\*)-(A,B)

CSA4BD018KB with PAH2BMX24K(A,B), or B5BMX24K-(A,B), or GB5BM-024K-(A,B) + TXV Kit

| 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. |
| 475   | 80     | 62     | 18.7 | 15.2 | 1.27 | 17.8 | 14.9 | 1.41 | 16.9 | 14.6 | 1.57 | 15.8  | 14.4 | 1.75 | 14.7  | 13.8 | 1.96 |
|       | 80     | 67     | 20.3 | 12.9 | 1.27 | 19.4 | 12.6 | 1.42 | 18.3 | 12.1 | 1.58 | 17.2  | 11.6 | 1.77 | 15.9  | 11.1 | 1.97 |
|       | 80     | 72     | 22.4 | 10.5 | 1.28 | 21.3 | 10.2 | 1.43 | 20.1 | 9.7  | 1.60 | 18.8  | 9.3  | 1.78 | 17.2  | 8.8  | 1.98 |
|       | 75     | 63     | 18.8 | 12.6 | 1.27 | 18.0 | 12.2 | 1.41 | 17.0 | 11.7 | 1.58 | 15.9  | 11.3 | 1.76 | 14.8  | 10.7 | 1.96 |
| 525   | 80     | 62     | 19.0 | 16.0 | 1.29 | 18.2 | 15.7 | 1.43 | 17.2 | 15.6 | 1.59 | 16.1  | 15.2 | 1.78 | 15.0  | 14.7 | 1.98 |
|       | 80     | 67     | 20.7 | 13.5 | 1.29 | 19.7 | 13.1 | 1.44 | 18.6 | 12.7 | 1.60 | 17.4  | 12.2 | 1.79 | 16.1  | 11.6 | 1.99 |
|       | 80     | 72     | 22.7 | 10.9 | 1.30 | 21.6 | 10.5 | 1.45 | 20.2 | 10.1 | 1.62 | 18.9  | 9.6  | 1.80 | 17.4  | 9.1  | 2.00 |
|       | 75     | 63     | 19.2 | 13.1 | 1.29 | 18.3 | 12.7 | 1.43 | 17.3 | 12.3 | 1.60 | 16.2  | 11.8 | 1.78 | 15.0  | 11.2 | 1.98 |
| 575   | 80     | 62     | 19.2 | 17.1 | 1.32 | 18.5 | 16.7 | 1.45 | 17.5 | 16.3 | 1.62 | 16.4  | 16.1 | 1.80 | 15.2  | 15.2 | 2.00 |
|       | 80     | 67     | 21.0 | 14.1 | 1.31 | 20.0 | 13.7 | 1.46 | 18.9 | 13.2 | 1.63 | 17.7  | 12.7 | 1.81 | 16.3  | 12.2 | 2.01 |
|       | 80     | 72     | 22.8 | 11.3 | 1.32 | 21.6 | 10.9 | 1.47 | 20.4 | 10.5 | 1.64 | 19.1  | 10.0 | 1.82 | 17.6  | 9.4  | 2.03 |
|       | 75     | 63     | 19.5 | 13.6 | 1.31 | 18.6 | 13.3 | 1.45 | 17.5 | 12.8 | 1.62 | 16.4  | 12.3 | 1.80 | 15.2  | 11.7 | 2.00 |

CSA4BD024KB with C6B(A,H)-X24(C,U)-(A,B)+TDR

CSA4BD024KB with C6B(A,H)-X24(C,U)-(A,B)+MB6B(\*)-(A,B)

CSA4BD024KB with PAH2BMX24K(A,B), or B5BM-X24K-(A,B), or GB5BM-024K-(A,B) + TXV Kit

| 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. |
| 600   | 80     | 62     | 24.2 | 19.5 | 1.66 | 23.1 | 19.1 | 1.85 | 22.0 | 18.8 | 2.06 | 20.7  | 18.6 | 2.30 | 19.3  | 17.9 | 2.57 |
|       | 80     | 67     | 26.3 | 16.6 | 1.67 | 25.0 | 16.1 | 1.87 | 23.8 | 15.6 | 2.08 | 22.4  | 15.0 | 2.32 | 20.9  | 14.4 | 2.59 |
|       | 80     | 72     | 28.9 | 13.5 | 1.68 | 27.6 | 13.1 | 1.88 | 26.2 | 12.6 | 2.10 | 24.7  | 12.0 | 2.34 | 22.9  | 11.5 | 2.61 |
|       | 75     | 63     | 24.4 | 16.2 | 1.67 | 23.3 | 15.7 | 1.86 | 22.2 | 15.2 | 2.07 | 20.9  | 14.5 | 2.31 | 19.5  | 13.9 | 2.58 |
| 700   | 80     | 62     | 24.9 | 21.1 | 1.70 | 23.8 | 20.7 | 1.90 | 22.6 | 20.6 | 2.11 | 21.3  | 20.1 | 2.35 | 19.9  | 19.5 | 2.62 |
|       | 80     | 67     | 27.0 | 17.8 | 1.71 | 25.7 | 17.3 | 1.91 | 24.4 | 16.7 | 2.12 | 23.0  | 16.1 | 2.36 | 21.4  | 15.5 | 2.63 |
|       | 80     | 72     | 29.5 | 14.3 | 1.72 | 28.1 | 13.8 | 1.93 | 26.5 | 13.3 | 2.14 | 24.7  | 12.7 | 2.38 | 23.0  | 12.1 | 2.65 |
|       | 75     | 63     | 25.1 | 17.2 | 1.71 | 23.9 | 16.7 | 1.90 | 22.7 | 16.2 | 2.11 | 21.4  | 15.6 | 2.35 | 19.9  | 14.9 | 2.62 |
| 800   | 80     | 62     | 25.3 | 23.0 | 1.76 | 24.3 | 22.4 | 1.94 | 23.1 | 22.0 | 2.15 | 21.8  | 21.6 | 2.39 | 20.4  | 20.4 | 2.66 |
|       | 80     | 67     | 27.5 | 18.9 | 1.75 | 26.2 | 18.4 | 1.95 | 24.8 | 17.8 | 2.16 | 23.3  | 17.2 | 2.40 | 21.7  | 16.5 | 2.67 |
|       | 80     | 72     | 29.7 | 15.0 | 1.76 | 28.2 | 14.5 | 1.96 | 26.7 | 14.0 | 2.18 | 25.1  | 13.4 | 2.42 | 23.4  | 12.7 | 2.69 |
|       | 75     | 63     | 25.7 | 18.3 | 1.75 | 24.4 | 17.8 | 1.94 | 23.1 | 17.2 | 2.15 | 21.7  | 16.6 | 2.39 | 20.2  | 15.9 | 2.66 |

CSA4BD030KB with C6B(A,H)-X30(C,U)-(A,B,C)+TDR

CSA4BD030KB with C6B(A,H)-X30(C,U)-(A,B,C)+MB6B(\*)-(A,B,C)

CSA4BD030KB with PAH2BMX30K(A,B), or B5BM-X30K-(A,B), or GB5BM-030K-(A,B) + TXV Kit

| 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. |
| 850   | 80     | 62     | 29.8 | 25.6 | 2.02 | 28.5 | 25.1 | 2.26 | 26.9 | 24.6 | 2.50 | 25.3  | 24.3 | 2.79 | 23.5  | 23.2 | 3.11 |
|       | 80     | 67     | 32.4 | 21.5 | 2.03 | 30.8 | 20.9 | 2.27 | 29.2 | 20.2 | 2.52 | 27.3  | 19.5 | 2.80 | 25.2  | 18.6 | 3.12 |
|       | 80     | 72     | 35.3 | 17.2 | 2.05 | 33.7 | 16.6 | 2.29 | 31.8 | 16.0 | 2.53 | 29.7  | 15.3 | 2.82 | 27.3  | 14.5 | 3.14 |
|       | 75     | 63     | 30.1 | 20.9 | 2.03 | 28.7 | 20.3 | 2.26 | 27.1 | 19.6 | 2.51 | 25.4  | 18.8 | 2.79 | 23.5  | 18.0 | 3.11 |
| 950   | 80     | 62     | 30.4 | 27.1 | 2.06 | 29.0 | 26.6 | 2.30 | 27.5 | 26.3 | 2.54 | 25.8  | 25.5 | 2.83 | 24.1  | 24.1 | 3.15 |
|       | 80     | 67     | 32.9 | 22.6 | 2.07 | 31.3 | 22.0 | 2.31 | 29.6 | 21.3 | 2.56 | 27.7  | 20.6 | 2.84 | 25.6  | 19.7 | 3.16 |
|       | 80     | 72     | 35.7 | 17.9 | 2.08 | 34.0 | 17.4 | 2.33 | 32.0 | 16.7 | 2.57 | 29.9  | 16.0 | 2.86 | 27.6  | 15.2 | 3.18 |
|       | 75     | 63     | 30.6 | 21.9 | 2.07 | 29.2 | 21.3 | 2.30 | 27.6 | 20.6 | 2.55 | 25.7  | 19.8 | 2.83 | 23.8  | 19.0 | 3.15 |
| 1050  | 80     | 62     | 30.8 | 28.9 | 2.12 | 29.5 | 28.2 | 2.34 | 28.0 | 27.4 | 2.58 | 26.4  | 26.4 | 2.87 | 24.7  | 24.7 | 3.19 |
|       | 80     | 67     | 33.3 | 23.8 | 2.12 | 31.7 | 23.1 | 2.35 | 29.9 | 22.4 | 2.60 | 28.0  | 21.6 | 2.88 | 25.8  | 20.8 | 3.20 |
|       | 80     | 72     | 36.1 | 18.7 | 2.13 | 34.2 | 18.1 | 2.37 | 32.3 | 17.4 | 2.62 | 30.2  | 16.7 | 2.90 | 27.8  | 15.8 | 3.22 |
|       | 75     | 63     | 31.1 | 23.0 | 2.11 | 29.5 | 22.4 | 2.34 | 27.9 | 21.6 | 2.59 | 26.0  | 20.8 | 2.87 | 24.0  | 19.9 | 3.19 |

CSA4BD036KB with C6B(A,H)-X36(C,U)-(B,C)+TDR

CSA4BD036KB with C6B(A,H)-X36(C,U)-(B,C)+MB6B(\*)-(B,C)

CSA4BD036KB with PAH2BMX36K(A,B), or B5BM-X36K-(A,B), or GB5BM-036K-B + TXV Kit

| 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. |
| 1000  | 80     | 62     | 36.7 | 31.0 | 2.52 | 35.0 | 30.4 | 2.81 | 33.1 | 29.8 | 3.11 | 31.0  | 29.4 | 3.46 | 28.7  | 28.2 | 3.85 |
|       | 80     | 67     | 39.9 | 26.2 | 2.53 | 38.0 | 25.4 | 2.83 | 35.9 | 24.6 | 3.13 | 33.6  | 23.6 | 3.47 | 31.1  | 22.6 | 3.87 |
|       | 80     | 72     | 43.7 | 21.0 | 2.55 | 41.7 | 20.3 | 2.86 | 39.4 | 19.5 | 3.16 | 36.7  | 18.6 | 3.50 | 33.9  | 17.6 | 3.89 |
|       | 75     | 63     | 37.1 | 25.4 | 2.53 | 35.4 | 24.6 | 2.81 | 33.4 | 23.8 | 3.11 | 31.2  | 22.8 | 3.46 | 28.9  | 21.8 | 3.85 |
| 1100  | 80     | 62     | 37.3 | 32.6 | 2.56 | 35.6 | 32.0 | 2.85 | 33.7 | 31.7 | 3.15 | 31.5  | 30.9 | 3.50 | 29.4  | 29.4 | 3.89 |
|       | 80     | 67     | 40.5 | 27.3 | 2.57 | 38.6 | 26.6 | 2.87 | 36.4 | 25.7 | 3.17 | 34.0  | 24.8 | 3.52 | 31.4  | 23.7 | 3.91 |
|       | 80     | 72     | 44.3 | 21.7 | 2.59 | 42.2 | 21.0 | 2.90 | 39.7 | 20.2 | 3.20 | 37.0  | 19.3 | 3.54 | 34.0  | 18.4 | 3.93 |
|       | 75     | 63     | 37.7 | 26.5 | 2.57 | 35.9 | 25.8 | 2.86 | 33.9 | 24.9 | 3.15 | 31.6  | 23.9 | 3.50 | 29.2  | 22.8 | 3.89 |
| 1200  | 80     | 62     | 37.7 | 34.7 | 2.63 | 36.2 | 33.9 | 2.89 | 34.2 | 33.1 | 3.19 | 32.1  | 32.1 | 3.54 | 30.0  | 30.0 | 3.93 |
|       | 80     | 67     | 41.1 | 28.5 | 2.62 | 39.1 | 27.8 | 2.91 | 36.8 | 26.9 | 3.21 | 34.4  | 25.9 | 3.56 | 31.7  | 24.8 | 3.95 |
|       | 80     | 72     | 44.7 | 22.5 | 2.64 | 42.5 | 21.8 | 2.94 | 39.9 | 21.0 | 3.24 | 37.2  | 20.0 | 3.58 | 34.3  | 19.0 | 3.97 |
|       | 75     | 63     | 38.2 | 27.6 | 2.61 | 36.4 | 26.8 | 2.90 | 34.3 | 25.9 | 3.20 | 32.0  | 24.9 | 3.54 | 29.5  | 23.9 | 3.93 |

# 13 SEER COOLING EXPANDED RATINGS (CONTINUED)

CSA4BD042KB with C6B(A,H)-X42(C,U)-(B,C,D)+TDR

CSA4BD042KB with C6B(A,H)-X42(C,U)-(B,C)+MB6B(\*)-(B,C)

CSA4BD042KB with PAH2BMX42KB, or B5BM-X42K-B, or GB5BM-042K-B + TXV Kit

| 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. |
| 1150  | 80     | 62     | 41.2 | 34.9 | 2.78 | 39.3 | 34.2 | 3.10 | 37.2 | 33.5 | 3.44 | 35.0  | 33.1 | 3.82 | 32.6  | 31.8 | 4.25 |
|       | 80     | 67     | 44.7 | 29.3 | 2.78 | 42.5 | 28.5 | 3.11 | 40.3 | 27.5 | 3.44 | 37.7  | 26.5 | 3.83 | 35.1  | 25.4 | 4.27 |
|       | 80     | 72     | 48.6 | 23.6 | 2.79 | 46.4 | 22.8 | 3.12 | 43.7 | 21.9 | 3.45 | 40.6  | 20.9 | 3.84 | 37.8  | 19.9 | 4.27 |
|       | 75     | 63     | 41.6 | 28.5 | 2.79 | 39.6 | 27.7 | 3.10 | 37.5 | 26.7 | 3.44 | 35.2  | 25.7 | 3.83 | 32.7  | 24.6 | 4.26 |
| 1250  | 80     | 62     | 41.8 | 36.4 | 2.82 | 39.9 | 35.7 | 3.14 | 37.8 | 35.4 | 3.47 | 35.5  | 34.5 | 3.86 | 33.1  | 33.1 | 4.30 |
|       | 80     | 67     | 45.2 | 30.4 | 2.82 | 43.1 | 29.6 | 3.15 | 40.7 | 28.6 | 3.48 | 38.1  | 27.5 | 3.87 | 35.4  | 26.4 | 4.31 |
|       | 80     | 72     | 48.9 | 24.3 | 2.83 | 46.5 | 23.5 | 3.16 | 43.8 | 22.6 | 3.49 | 41.0  | 21.6 | 3.88 | 38.1  | 20.5 | 4.31 |
|       | 75     | 63     | 42.1 | 29.6 | 2.82 | 40.2 | 28.7 | 3.14 | 37.9 | 27.7 | 3.48 | 35.5  | 26.7 | 3.86 | 33.0  | 25.5 | 4.30 |
| 1350  | 80     | 62     | 42.1 | 38.5 | 2.88 | 40.4 | 37.5 | 3.17 | 38.3 | 36.7 | 3.51 | 36.0  | 35.9 | 3.90 | 33.7  | 33.7 | 4.34 |
|       | 80     | 67     | 45.7 | 31.5 | 2.86 | 43.5 | 30.7 | 3.18 | 41.1 | 29.7 | 3.52 | 38.4  | 28.6 | 3.91 | 35.7  | 27.5 | 4.34 |
|       | 80     | 72     | 49.3 | 25.0 | 2.87 | 46.8 | 24.2 | 3.20 | 44.2 | 23.3 | 3.53 | 41.3  | 22.2 | 3.92 | 38.3  | 21.1 | 4.35 |
|       | 75     | 63     | 42.6 | 30.6 | 2.87 | 40.6 | 29.7 | 3.18 | 38.3 | 28.7 | 3.52 | 35.8  | 27.6 | 3.90 | 33.2  | 26.5 | 4.34 |

CSA4BD048KB with C6B(A,H)-X48(C,U)-C+TDR

CSA4BD048KB with C6B(A,H)-X48(C,U)-C+MB6B(\*)-C

CSA4BD048KB with PAH2BMX48K(B,C), or B5BM-X48K-(B,C), or GB5BM-048K-C + TXV Kit

| 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. |
| 1300  | 80     | 62     | 48.6 | 40.7 | 3.30 | 46.3 | 39.9 | 3.68 | 43.8 | 39.2 | 4.09 | 41.0  | 38.7 | 4.57 | 38.1  | 37.2 | 5.11 |
|       | 80     | 67     | 52.7 | 34.3 | 3.31 | 50.2 | 33.3 | 3.70 | 47.5 | 32.2 | 4.10 | 44.4  | 31.0 | 4.58 | 41.1  | 29.7 | 5.12 |
|       | 80     | 72     | 57.5 | 27.4 | 3.32 | 54.8 | 26.5 | 3.71 | 51.8 | 25.5 | 4.12 | 48.4  | 24.3 | 4.59 | 44.7  | 23.1 | 5.13 |
|       | 75     | 63     | 49.1 | 33.4 | 3.31 | 46.8 | 32.4 | 3.68 | 44.3 | 31.3 | 4.09 | 41.4  | 30.1 | 4.57 | 38.3  | 28.8 | 5.12 |
| 1400  | 80     | 62     | 49.2 | 42.4 | 3.34 | 46.9 | 41.6 | 3.72 | 44.3 | 41.2 | 4.13 | 41.5  | 40.2 | 4.61 | 38.6  | 38.6 | 5.15 |
|       | 80     | 67     | 53.3 | 35.5 | 3.34 | 50.8 | 34.5 | 3.73 | 48.0 | 33.4 | 4.14 | 44.8  | 32.1 | 4.62 | 41.5  | 30.8 | 5.16 |
|       | 80     | 72     | 58.1 | 28.2 | 3.36 | 55.3 | 27.3 | 3.75 | 52.2 | 26.2 | 4.16 | 48.7  | 25.1 | 4.63 | 45.0  | 23.9 | 5.17 |
|       | 75     | 63     | 49.7 | 34.5 | 3.35 | 47.4 | 33.6 | 3.72 | 44.7 | 32.4 | 4.13 | 41.8  | 31.2 | 4.61 | 38.7  | 29.8 | 5.16 |
| 1500  | 80     | 62     | 49.4 | 44.7 | 3.41 | 47.5 | 43.6 | 3.75 | 44.9 | 42.7 | 4.16 | 42.1  | 41.9 | 4.65 | 39.3  | 39.3 | 5.19 |
|       | 80     | 67     | 53.9 | 36.6 | 3.40 | 51.3 | 35.7 | 3.77 | 48.4 | 34.5 | 4.18 | 45.2  | 33.3 | 4.65 | 41.8  | 32.0 | 5.20 |
|       | 80     | 72     | 58.7 | 29.0 | 3.40 | 55.7 | 28.1 | 3.79 | 52.5 | 27.0 | 4.19 | 49.0  | 25.8 | 4.67 | 45.2  | 24.6 | 5.20 |
|       | 75     | 63     | 50.3 | 35.6 | 3.39 | 47.8 | 34.7 | 3.76 | 45.1 | 33.5 | 4.17 | 42.2  | 32.2 | 4.65 | 38.9  | 30.9 | 5.19 |

CSA4BD060KB with C6B(A,H)-X60(C,U)-C+TDR

CSA4BD060KB with C6B(A,H)-X60(C,U)-C+MB6B(\*)-C

CSA4BD060KB with PAH2BMX60KC, or B5BM-X60K-C, or GB5BM-060K-C + TXV Kit

| 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. |
| 1500  | 80     | 62     | 58.9 | 47.3 | 4.03 | 56.2 | 46.4 | 4.48 | 53.3 | 45.5 | 4.97 | 50.2  | 44.9 | 5.52 | 46.5  | 42.8 | 6.17 |
|       | 80     | 67     | 63.6 | 40.3 | 4.05 | 60.6 | 39.1 | 4.52 | 57.5 | 37.7 | 5.02 | 54.1  | 36.1 | 5.58 | 49.9  | 34.3 | 6.23 |
|       | 80     | 72     | 69.7 | 33.0 | 4.09 | 66.4 | 31.9 | 4.58 | 62.6 | 30.6 | 5.08 | 58.2  | 29.2 | 5.63 | 53.2  | 27.4 | 6.29 |
|       | 75     | 63     | 59.2 | 39.3 | 4.03 | 56.5 | 38.2 | 4.49 | 53.6 | 36.8 | 4.98 | 50.5  | 35.1 | 5.53 | 46.5  | 33.3 | 6.18 |
| 1600  | 80     | 62     | 59.6 | 48.8 | 4.07 | 56.9 | 47.9 | 4.53 | 53.9 | 47.5 | 5.02 | 50.8  | 46.3 | 5.57 | 46.9  | 44.7 | 6.22 |
|       | 80     | 67     | 64.3 | 41.4 | 4.09 | 61.3 | 40.2 | 4.57 | 58.1 | 38.6 | 5.06 | 54.6  | 37.1 | 5.62 | 50.3  | 35.2 | 6.28 |
|       | 80     | 72     | 69.9 | 33.7 | 4.14 | 66.6 | 32.6 | 4.62 | 62.3 | 31.3 | 5.11 | 58.3  | 29.8 | 5.67 | 53.5  | 27.9 | 6.34 |
|       | 75     | 63     | 60.0 | 40.2 | 4.08 | 57.2 | 39.0 | 4.54 | 54.2 | 37.6 | 5.02 | 50.9  | 36.1 | 5.57 | 46.9  | 34.2 | 6.23 |
| 1700  | 80     | 62     | 59.8 | 51.2 | 4.15 | 57.5 | 49.9 | 4.57 | 54.5 | 48.9 | 5.06 | 51.3  | 48.2 | 5.61 | 47.4  | 45.9 | 6.27 |
|       | 80     | 67     | 65.1 | 42.2 | 4.15 | 61.9 | 41.1 | 4.61 | 58.6 | 39.7 | 5.11 | 55.0  | 38.1 | 5.66 | 50.6  | 36.2 | 6.32 |
|       | 80     | 72     | 69.8 | 34.3 | 4.18 | 66.3 | 33.2 | 4.66 | 62.6 | 31.8 | 5.15 | 58.7  | 30.4 | 5.71 | 53.9  | 28.5 | 6.39 |
|       | 75     | 63     | 60.7 | 41.2 | 4.13 | 57.7 | 40.0 | 4.58 | 54.6 | 38.6 | 5.07 | 51.3  | 37.0 | 5.62 | 47.2  | 35.1 | 6.27 |

# 13 SEER COOLING EXPANDED RATINGS (CONTINUED)

CSA4BD018KB with GB5BMM024K-(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. |
| 400   | 80     | 62     | 17.3 | 12.5 | 1.08 | 16.6 | 12.5 | 1.20 | 15.9 | 12.6 | 1.32 | 15.1 | 12.3 | 1.46 | 14.16 | 12.96 | 1.62 | 13.16 | 12.05 | 1.79 |
|       | 80     | 67     | 19.2 | 10.5 | 1.10 | 18.4 | 10.4 | 1.22 | 17.6 | 10.5 | 1.35 | 16.7 | 10.2 | 1.49 | 15.70 | 10.04 | 1.64 | 14.61 | 9.13  | 1.81 |
|       | 80     | 72     | 21.3 | 8.4  | 1.13 | 20.5 | 8.3  | 1.25 | 19.6 | 8.5  | 1.38 | 18.6 | 8.3  | 1.52 | 17.57 | 8.10  | 1.68 | 16.44 | 8.27  | 1.86 |
|       | 75     | 63     | 17.6 | 10.2 | 1.09 | 16.9 | 10.0 | 1.20 | 16.1 | 10.1 | 1.33 | 15.3 | 9.8  | 1.46 | 14.33 | 8.93  | 1.62 | 13.30 | 9.65  | 1.79 |
| 550   | 80     | 62     | 18.7 | 15.2 | 1.15 | 17.9 | 15.4 | 1.27 | 17.1 | 15.1 | 1.39 | 16.2 | 14.9 | 1.53 | 15.31 | 14.74 | 1.69 | 14.44 | 14.32 | 1.86 |
|       | 80     | 67     | 20.5 | 12.2 | 1.17 | 19.6 | 12.6 | 1.29 | 18.7 | 12.2 | 1.42 | 17.7 | 12.1 | 1.56 | 16.63 | 12.03 | 1.71 | 15.49 | 11.95 | 1.89 |
|       | 80     | 72     | 22.7 | 9.5  | 1.21 | 21.8 | 9.9  | 1.33 | 20.8 | 9.6  | 1.46 | 19.7 | 9.5  | 1.60 | 18.51 | 9.52  | 1.76 | 17.25 | 9.54  | 1.94 |
|       | 75     | 63     | 18.8 | 11.8 | 1.15 | 18.0 | 12.1 | 1.27 | 17.2 | 11.7 | 1.39 | 16.2 | 11.5 | 1.53 | 15.22 | 11.46 | 1.69 | 14.18 | 11.54 | 1.86 |
| 700   | 80     | 62     | 19.7 | 17.7 | 1.22 | 19.0 | 17.6 | 1.34 | 18.2 | 17.0 | 1.47 | 17.4 | 16.5 | 1.61 | 16.49 | 15.93 | 1.76 | 15.49 | 15.43 | 1.94 |
|       | 80     | 67     | 21.3 | 14.0 | 1.24 | 20.4 | 14.1 | 1.36 | 19.4 | 13.8 | 1.49 | 18.4 | 14.0 | 1.63 | 17.23 | 13.84 | 1.78 | 16.04 | 13.84 | 1.96 |
|       | 80     | 72     | 23.5 | 10.7 | 1.28 | 22.5 | 10.9 | 1.40 | 21.4 | 10.6 | 1.53 | 20.1 | 10.6 | 1.67 | 18.88 | 10.50 | 1.83 | 17.58 | 10.55 | 2.00 |
|       | 75     | 63     | 19.6 | 13.4 | 1.21 | 18.8 | 13.6 | 1.34 | 17.9 | 13.5 | 1.46 | 16.9 | 13.3 | 1.60 | 15.82 | 13.16 | 1.75 | 14.66 | 13.09 | 1.92 |

CSA4BD024KB with GB5BMM024K-(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. |
| 550   | 80     | 62     | 22.6 | 16.1 | 1.37 | 21.8 | 16.0 | 1.53 | 21.0 | 16.1 | 1.70 | 20.1 | 16.2 | 1.91 | 19.05 | 17.15 | 2.13 | 17.84 | 16.07 | 2.38 |
|       | 80     | 67     | 24.9 | 13.5 | 1.42 | 24.1 | 13.4 | 1.58 | 23.2 | 13.6 | 1.76 | 22.2 | 13.4 | 1.95 | 21.05 | 13.15 | 2.18 | 19.77 | 12.03 | 2.43 |
|       | 80     | 72     | 27.5 | 10.8 | 1.49 | 26.6 | 10.7 | 1.66 | 25.6 | 11.0 | 1.83 | 24.6 | 10.8 | 2.04 | 23.36 | 10.63 | 2.27 | 21.94 | 10.88 | 2.54 |
|       | 75     | 63     | 23.0 | 13.1 | 1.38 | 22.2 | 13.0 | 1.54 | 21.4 | 13.2 | 1.71 | 20.4 | 12.9 | 1.91 | 19.33 | 11.83 | 2.14 | 18.07 | 12.74 | 2.39 |
| 700   | 80     | 62     | 24.0 | 18.8 | 1.44 | 23.1 | 19.3 | 1.60 | 22.2 | 18.9 | 1.78 | 21.2 | 18.7 | 1.97 | 20.13 | 18.69 | 2.20 | 18.90 | 18.60 | 2.45 |
|       | 80     | 67     | 26.3 | 15.1 | 1.50 | 25.4 | 15.6 | 1.66 | 24.4 | 15.2 | 1.84 | 23.3 | 15.1 | 2.04 | 22.06 | 15.11 | 2.26 | 20.64 | 15.07 | 2.51 |
|       | 80     | 72     | 28.9 | 11.7 | 1.58 | 28.0 | 12.4 | 1.75 | 26.9 | 12.0 | 1.93 | 25.7 | 11.9 | 2.13 | 24.40 | 12.04 | 2.36 | 22.84 | 12.08 | 2.63 |
|       | 75     | 63     | 24.3 | 14.6 | 1.45 | 23.4 | 15.1 | 1.61 | 22.5 | 14.7 | 1.78 | 21.4 | 14.5 | 1.98 | 20.24 | 14.47 | 2.20 | 18.95 | 14.40 | 2.45 |
| 850   | 80     | 62     | 24.9 | 21.3 | 1.51 | 24.1 | 21.5 | 1.67 | 23.2 | 21.1 | 1.85 | 22.2 | 20.9 | 2.05 | 21.36 | 20.63 | 2.28 | 20.21 | 20.12 | 2.54 |
|       | 80     | 67     | 27.2 | 16.8 | 1.57 | 26.2 | 17.0 | 1.74 | 25.2 | 16.7 | 1.91 | 24.0 | 16.6 | 2.11 | 22.73 | 16.55 | 2.33 | 21.24 | 16.61 | 2.59 |
|       | 80     | 72     | 30.0 | 12.9 | 1.66 | 28.9 | 13.3 | 1.83 | 27.7 | 12.9 | 2.01 | 26.5 | 13.0 | 2.21 | 25.04 | 12.95 | 2.45 | 23.39 | 13.10 | 2.72 |
|       | 75     | 63     | 25.1 | 16.2 | 1.51 | 24.2 | 16.4 | 1.67 | 23.2 | 16.0 | 1.85 | 22.1 | 16.0 | 2.04 | 20.88 | 15.81 | 2.27 | 19.53 | 15.83 | 2.52 |

CSA4BD030KB with GB5BMM030K-(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. |
| 750   | 80     | 62     | 28.4 | 20.8 | 1.79 | 27.4 | 20.6 | 1.97 | 26.3 | 20.8 | 2.17 | 25.2 | 21.0 | 2.41 | 23.85 | 22.25 | 2.68 | 22.38 | 20.87 | 2.99 |
|       | 80     | 67     | 31.3 | 17.3 | 1.86 | 30.2 | 17.2 | 2.05 | 29.0 | 17.4 | 2.25 | 27.7 | 17.1 | 2.49 | 26.24 | 16.83 | 2.76 | 24.60 | 15.51 | 3.08 |
|       | 80     | 72     | 34.5 | 13.7 | 1.95 | 33.3 | 13.6 | 2.14 | 32.0 | 13.9 | 2.35 | 30.6 | 13.6 | 2.59 | 28.99 | 13.43 | 2.88 | 27.16 | 13.74 | 3.22 |
|       | 75     | 63     | 29.0 | 16.8 | 1.80 | 27.9 | 16.7 | 1.98 | 26.8 | 16.9 | 2.19 | 25.5 | 16.5 | 2.42 | 24.15 | 15.18 | 2.69 | 22.62 | 16.33 | 3.00 |
| 900   | 80     | 62     | 29.7 | 23.7 | 1.87 | 28.6 | 24.2 | 2.05 | 27.4 | 23.7 | 2.26 | 26.2 | 23.5 | 2.49 | 24.79 | 23.46 | 2.76 | 23.51 | 23.24 | 3.08 |
|       | 80     | 67     | 32.5 | 18.8 | 1.94 | 31.3 | 19.4 | 2.13 | 30.0 | 18.9 | 2.33 | 28.6 | 18.8 | 2.57 | 27.05 | 18.79 | 2.85 | 25.28 | 18.74 | 3.17 |
|       | 80     | 72     | 35.8 | 14.6 | 2.03 | 34.5 | 15.3 | 2.22 | 33.1 | 14.9 | 2.44 | 31.6 | 14.8 | 2.69 | 29.81 | 14.87 | 2.98 | 27.90 | 14.93 | 3.31 |
|       | 75     | 63     | 30.0 | 18.2 | 1.88 | 28.9 | 18.8 | 2.06 | 27.7 | 18.3 | 2.26 | 26.4 | 18.1 | 2.50 | 24.93 | 18.02 | 2.77 | 23.30 | 17.93 | 3.07 |
| 1050  | 80     | 62     | 30.6 | 26.2 | 1.94 | 29.5 | 26.4 | 2.13 | 28.3 | 25.9 | 2.33 | 27.2 | 25.7 | 2.58 | 26.05 | 25.17 | 2.86 | 24.62 | 24.51 | 3.19 |
|       | 80     | 67     | 33.4 | 20.6 | 2.02 | 32.1 | 20.8 | 2.20 | 30.7 | 20.4 | 2.41 | 29.3 | 20.3 | 2.65 | 27.65 | 20.20 | 2.92 | 25.78 | 20.25 | 3.25 |
|       | 80     | 72     | 36.8 | 15.9 | 2.11 | 35.4 | 16.3 | 2.30 | 33.9 | 15.8 | 2.52 | 32.3 | 15.8 | 2.77 | 30.41 | 15.76 | 3.06 | 28.47 | 15.97 | 3.39 |
|       | 75     | 63     | 30.9 | 19.9 | 1.95 | 29.7 | 20.1 | 2.13 | 28.4 | 19.6 | 2.34 | 27.0 | 19.5 | 2.57 | 25.50 | 19.33 | 2.84 | 23.79 | 19.33 | 3.15 |

CSA4BD036KB with GB5BMM036K-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 | 26.9 | 2.25 | 34.2 | 26.7 | 2.47 | 32.7 | 26.8 | 2.72 | 31.1 | 26.3 | 3.01 | 29.31 | 27.64 | 3.35 | 27.16 | 25.61 | 3.78 |
|       | 80     | 67     | 39.0 | 22.4 | 2.33 | 37.5 | 22.3 | 2.55 | 36.0 | 22.5 | 2.81 | 34.3 | 22.1 | 3.11 | 32.18 | 21.67 | 3.48 | 30.17 | 19.73 | 3.86 |
|       | 80     | 72     | 43.0 | 17.5 | 2.43 | 41.5 | 17.5 | 2.67 | 39.8 | 17.9 | 2.94 | 37.8 | 17.5 | 3.25 | 35.83 | 17.22 | 3.59 | 33.63 | 17.65 | 3.97 |
|       | 75     | 63     | 36.0 | 21.7 | 2.26 | 34.6 | 21.6 | 2.48 | 33.2 | 21.7 | 2.73 | 31.5 | 21.3 | 3.02 | 29.62 | 19.28 | 3.37 | 27.46 | 20.82 | 3.79 |
| 1150  | 80     | 62     | 36.4 | 28.8 | 2.32 | 35.0 | 29.4 | 2.55 | 33.5 | 28.7 | 2.80 | 31.9 | 28.3 | 3.09 | 30.02 | 27.97 | 3.45 | 28.00 | 27.42 | 3.86 |
|       | 80     | 67     | 39.9 | 23.9 | 2.41 | 38.5 | 24.6 | 2.63 | 36.8 | 24.0 | 2.89 | 34.9 | 23.7 | 3.19 | 32.94 | 23.69 | 3.55 | 30.80 | 23.63 | 3.93 |
|       | 80     | 72     | 44.0 | 18.5 | 2.51 | 42.4 | 19.4 | 2.75 | 40.5 | 18.8 | 3.02 | 38.6 | 18.6 | 3.32 | 36.43 | 18.77 | 3.67 | 34.16 | 18.88 | 4.06 |
|       | 75     | 63     | 36.9 | 23.1 | 2.33 | 35.5 | 23.7 | 2.56 | 33.9 | 23.1 | 2.81 | 32.3 | 22.8 | 3.10 | 30.27 | 22.64 | 3.45 | 28.05 | 22.42 | 3.86 |
| 1300  | 80     | 62     | 37.1 | 30.9 | 2.39 | 35.8 | 31.1 | 2.62 | 34.3 | 30.4 | 2.87 | 32.6 | 30.0 | 3.16 | 30.72 | 29.32 | 3.53 | 28.80 | 28.68 | 3.93 |
|       | 80     | 67     | 40.6 | 25.6 | 2.48 | 39.1 | 26.0 | 2.71 | 37.4 | 25.4 | 2.96 | 35.5 | 25.3 | 3.27 | 33.46 | 25.07 | 3.62 | 31.29 | 25.14 | 4.00 |
|       | 80     | 72     | 44.7 | 19.8 | 2.59 | 43.0 | 20.3 | 2.82 | 41.0 | 19.7 | 3.10 | 39.1 | 19.7 | 3.40 | 36.93 | 19.63 | 3.74 | 34.66 | 19.88 | 4.14 |
|       | 75     | 63     | 37.5 | 24.7 | 2.40 | 36.1 | 25.0 | 2.63 | 34.5 | 24.4 | 2.88 | 32.8 | 24.2 | 3.17 | 30.67 | 23.88 | 3.53 | 28.52 | 23.66 | 3.92 |

# 13 SEER COOLING EXPANDED RATINGS (CONTINUED)

CSA4BD042KB with GB5BMM042K-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. |
| 1200  | 80     | 62     | 40.5 | 31.7 | 2.61 | 39.1 | 31.5 | 2.82 | 37.6 | 31.7 | 3.06 | 35.8 | 31.1 | 3.33 | 33.79 | 32.47 | 3.67 | 31.65 | 30.42 | 4.05 |
|       | 80     | 67     | 44.5 | 26.3 | 2.69 | 42.9 | 26.2 | 2.91 | 41.1 | 26.5 | 3.16 | 39.2 | 26.0 | 3.44 | 37.17 | 25.58 | 3.77 | 34.92 | 23.46 | 4.13 |
|       | 80     | 72     | 49.2 | 20.4 | 2.79 | 47.3 | 20.4 | 3.02 | 45.4 | 20.8 | 3.28 | 43.3 | 20.4 | 3.57 | 40.95 | 20.17 | 3.90 | 38.44 | 20.69 | 4.27 |
|       | 75     | 63     | 41.1 | 25.4 | 2.63 | 39.6 | 25.3 | 2.83 | 38.0 | 25.5 | 3.07 | 36.2 | 25.0 | 3.34 | 34.19 | 22.87 | 3.68 | 31.92 | 24.64 | 4.05 |
| 1350  | 80     | 62     | 41.4 | 33.6 | 2.69 | 39.9 | 34.3 | 2.89 | 38.3 | 33.5 | 3.14 | 36.5 | 33.1 | 3.41 | 34.50 | 32.71 | 3.75 | 32.44 | 32.17 | 4.13 |
|       | 80     | 67     | 45.3 | 27.7 | 2.77 | 43.6 | 28.6 | 2.99 | 41.8 | 27.9 | 3.24 | 39.8 | 27.6 | 3.52 | 37.72 | 27.64 | 3.84 | 35.45 | 27.61 | 4.21 |
|       | 80     | 72     | 50.0 | 21.4 | 2.87 | 48.0 | 22.4 | 3.10 | 46.0 | 21.8 | 3.36 | 43.7 | 21.6 | 3.65 | 41.34 | 21.77 | 3.98 | 38.89 | 21.89 | 4.35 |
|       | 75     | 63     | 41.9 | 26.8 | 2.70 | 40.3 | 27.5 | 2.91 | 38.7 | 26.8 | 3.15 | 36.8 | 26.5 | 3.42 | 34.72 | 26.39 | 3.76 | 32.45 | 26.24 | 4.13 |
| 1500  | 80     | 62     | 42.2 | 35.8 | 2.76 | 40.6 | 36.0 | 2.98 | 38.9 | 35.1 | 3.22 | 37.2 | 34.7 | 3.50 | 35.18 | 33.99 | 3.83 | 33.33 | 33.19 | 4.21 |
|       | 80     | 67     | 46.0 | 29.6 | 2.84 | 44.3 | 30.0 | 3.06 | 42.4 | 29.3 | 3.32 | 40.4 | 29.2 | 3.60 | 38.21 | 29.00 | 3.92 | 35.86 | 29.12 | 4.29 |
|       | 80     | 72     | 50.5 | 22.8 | 2.94 | 48.5 | 23.3 | 3.17 | 46.4 | 22.6 | 3.44 | 44.2 | 22.7 | 3.73 | 41.80 | 22.59 | 4.06 | 39.23 | 22.86 | 4.43 |
|       | 75     | 63     | 42.5 | 28.5 | 2.77 | 40.9 | 28.8 | 2.99 | 39.2 | 28.1 | 3.22 | 37.3 | 28.0 | 3.50 | 35.15 | 27.66 | 3.83 | 32.85 | 27.49 | 4.20 |

CSA4BD048KB with GB5BMM048K-(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     | 47.9 | 35.0 | 2.99 | 45.8 | 34.6 | 3.31 | 43.3 | 34.4 | 3.65 | 40.8 | 33.6 | 4.02 | 37.96 | 34.66 | 4.43 | 36.36 | 33.20 | 4.66 |
|       | 80     | 67     | 52.9 | 29.2 | 3.07 | 50.6 | 28.9 | 3.39 | 48.2 | 29.1 | 3.72 | 45.7 | 28.4 | 4.09 | 42.78 | 27.79 | 4.52 | 39.79 | 25.59 | 4.98 |
|       | 80     | 72     | 58.4 | 23.2 | 3.16 | 56.1 | 23.0 | 3.47 | 53.5 | 23.4 | 3.81 | 50.7 | 22.8 | 4.19 | 47.77 | 22.29 | 4.61 | 44.56 | 22.74 | 5.08 |
|       | 75     | 63     | 48.8 | 28.4 | 3.00 | 46.6 | 28.0 | 3.32 | 44.2 | 28.0 | 3.67 | 41.7 | 27.3 | 4.03 | 38.86 | 24.30 | 4.45 | 35.62 | 26.38 | 4.91 |
| 1350  | 80     | 62     | 49.1 | 37.0 | 3.06 | 46.9 | 37.6 | 3.38 | 44.4 | 36.5 | 3.73 | 41.8 | 35.9 | 4.09 | 39.01 | 35.44 | 4.51 | 37.45 | 35.61 | 4.74 |
|       | 80     | 67     | 54.2 | 30.8 | 3.15 | 51.8 | 31.7 | 3.46 | 49.4 | 30.7 | 3.80 | 46.7 | 30.3 | 4.17 | 43.74 | 30.13 | 4.59 | 40.61 | 29.94 | 5.06 |
|       | 80     | 72     | 59.8 | 24.1 | 3.24 | 57.3 | 25.3 | 3.55 | 54.6 | 24.4 | 3.89 | 51.8 | 24.1 | 4.27 | 48.71 | 24.12 | 4.69 | 45.46 | 24.15 | 5.17 |
|       | 75     | 63     | 50.0 | 29.9 | 3.08 | 47.7 | 30.5 | 3.40 | 45.3 | 29.6 | 3.74 | 42.7 | 29.0 | 4.11 | 39.85 | 28.71 | 4.53 | 36.52 | 28.24 | 4.98 |
| 1500  | 80     | 62     | 50.1 | 39.5 | 3.14 | 47.8 | 39.6 | 3.46 | 45.3 | 38.5 | 3.80 | 42.7 | 38.0 | 4.16 | 39.88 | 37.30 | 4.58 | 38.40 | 37.59 | 4.81 |
|       | 80     | 67     | 55.3 | 32.9 | 3.22 | 52.9 | 33.2 | 3.53 | 50.3 | 32.3 | 3.87 | 47.5 | 32.0 | 4.24 | 44.44 | 31.65 | 4.67 | 41.21 | 31.62 | 5.13 |
|       | 80     | 72     | 60.9 | 25.7 | 3.32 | 58.4 | 26.2 | 3.63 | 55.6 | 25.3 | 3.97 | 52.6 | 25.3 | 4.35 | 49.46 | 25.08 | 4.77 | 46.09 | 25.32 | 5.25 |
|       | 75     | 63     | 51.0 | 31.8 | 3.16 | 48.6 | 32.0 | 3.48 | 46.2 | 31.0 | 3.81 | 43.5 | 30.6 | 4.18 | 40.53 | 30.13 | 4.60 | 37.24 | 29.85 | 5.06 |

CSA4BD060KB with GB5BMM060K-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. |
| 1800  | 80     | 62     | 60.2 | 45.0 | 3.78 | 57.6 | 44.4 | 4.15 | 54.8 | 44.4 | 4.56 | 51.9 | 43.3 | 5.02 | 48.66 | 44.96 | 5.53 | 45.11 | 41.68 | 6.11 |
|       | 80     | 67     | 65.5 | 37.5 | 3.89 | 62.7 | 37.0 | 4.25 | 59.9 | 37.2 | 4.66 | 56.8 | 36.3 | 5.12 | 53.54 | 35.45 | 5.64 | 50.03 | 32.06 | 6.22 |
|       | 80     | 72     | 71.5 | 30.0 | 4.02 | 67.8 | 29.7 | 4.36 | 64.6 | 30.1 | 4.77 | 61.4 | 29.3 | 5.23 | 57.92 | 28.59 | 5.75 | 54.16 | 28.97 | 6.33 |
|       | 75     | 63     | 60.5 | 36.3 | 3.78 | 57.8 | 35.7 | 4.17 | 55.1 | 35.8 | 4.57 | 52.1 | 34.7 | 5.02 | 48.80 | 31.18 | 5.54 | 45.15 | 33.49 | 6.11 |
| 1950  | 80     | 62     | 61.1 | 46.7 | 3.85 | 58.4 | 47.4 | 4.23 | 55.7 | 45.8 | 4.64 | 52.7 | 45.0 | 5.09 | 49.37 | 44.36 | 5.61 | 45.85 | 43.57 | 6.18 |
|       | 80     | 67     | 66.4 | 38.6 | 3.96 | 63.6 | 39.6 | 4.33 | 60.7 | 38.4 | 4.74 | 57.6 | 37.7 | 5.20 | 54.22 | 37.47 | 5.71 | 50.60 | 37.08 | 6.29 |
|       | 80     | 72     | 71.7 | 30.7 | 4.08 | 68.7 | 31.9 | 4.44 | 65.6 | 30.8 | 4.85 | 62.2 | 30.3 | 5.31 | 58.62 | 30.21 | 5.83 | 54.80 | 30.06 | 6.41 |
|       | 75     | 63     | 61.4 | 37.4 | 3.86 | 58.7 | 38.1 | 4.24 | 55.9 | 36.8 | 4.64 | 52.8 | 36.1 | 5.09 | 49.47 | 35.58 | 5.61 | 45.82 | 34.96 | 6.18 |
| 2100  | 80     | 62     | 61.9 | 49.0 | 3.92 | 59.1 | 48.6 | 4.30 | 56.3 | 47.3 | 4.70 | 53.3 | 46.7 | 5.16 | 50.00 | 45.80 | 5.68 | 46.51 | 45.12 | 6.25 |
|       | 80     | 67     | 67.2 | 40.4 | 4.04 | 64.4 | 40.7 | 4.40 | 61.4 | 39.5 | 4.81 | 58.2 | 39.1 | 5.27 | 54.82 | 38.54 | 5.79 | 51.15 | 38.36 | 6.36 |
|       | 80     | 72     | 72.5 | 32.0 | 4.15 | 69.5 | 32.6 | 4.52 | 66.3 | 31.4 | 4.93 | 62.9 | 31.2 | 5.39 | 59.21 | 30.81 | 5.90 | 55.32 | 30.87 | 6.48 |
|       | 75     | 63     | 62.2 | 39.0 | 3.93 | 59.4 | 39.2 | 4.30 | 56.5 | 37.9 | 4.71 | 53.4 | 37.3 | 5.16 | 50.05 | 36.60 | 5.68 | 46.36 | 36.12 | 6.25 |

# 13 SEER COOLING EXPANDED RATINGS + VSB

CSA4BD018KB with C6B(A,H)-X24(C,U)-(A,B)+VSB

CSA4BD018KB with PAH4VMX24K(A,B), or B4VM-X24K-(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. |
| 500   | 80     | 62     | 19.1 | 15.6 | 1.17 | 18.2 | 15.3 | 1.30 | 17.2 | 15.0 | 1.46 | 16.2  | 14.8 | 1.64 | 15.1  | 14.2 | 1.85 |
|       | 80     | 67     | 20.7 | 13.3 | 1.17 | 19.8 | 12.9 | 1.31 | 18.7 | 12.5 | 1.47 | 17.6  | 12.0 | 1.65 | 16.3  | 11.5 | 1.86 |
|       | 80     | 72     | 22.8 | 10.9 | 1.18 | 21.7 | 10.5 | 1.32 | 20.5 | 10.1 | 1.49 | 19.2  | 9.7  | 1.67 | 17.6  | 9.2  | 1.87 |
|       | 75     | 63     | 19.4 | 12.9 | 1.17 | 18.4 | 12.6 | 1.30 | 17.4 | 12.1 | 1.46 | 16.3  | 11.6 | 1.65 | 15.2  | 11.1 | 1.85 |
| 550   | 80     | 62     | 19.4 | 16.4 | 1.19 | 18.5 | 16.1 | 1.32 | 17.6 | 16.0 | 1.48 | 16.5  | 15.6 | 1.67 | 15.3  | 15.1 | 1.87 |
|       | 80     | 67     | 21.1 | 13.9 | 1.19 | 20.1 | 13.5 | 1.33 | 19.0 | 13.1 | 1.49 | 17.8  | 12.6 | 1.68 | 16.5  | 12.0 | 1.88 |
|       | 80     | 72     | 23.1 | 11.3 | 1.20 | 22.0 | 10.9 | 1.34 | 20.6 | 10.5 | 1.51 | 19.4  | 10.0 | 1.69 | 17.8  | 9.5  | 1.89 |
|       | 75     | 63     | 19.6 | 13.5 | 1.19 | 18.7 | 13.1 | 1.32 | 17.7 | 12.7 | 1.49 | 16.6  | 12.2 | 1.67 | 15.4  | 11.6 | 1.87 |
| 600   | 80     | 62     | 19.6 | 17.5 | 1.22 | 18.9 | 17.1 | 1.34 | 17.8 | 16.7 | 1.50 | 16.8  | 16.5 | 1.68 | 15.6  | 15.6 | 1.89 |
|       | 80     | 67     | 21.4 | 14.5 | 1.21 | 20.4 | 14.1 | 1.35 | 19.3 | 13.6 | 1.51 | 18.0  | 13.1 | 1.70 | 16.7  | 12.6 | 1.90 |
|       | 80     | 72     | 23.2 | 11.7 | 1.22 | 22.0 | 11.3 | 1.36 | 20.8 | 10.8 | 1.53 | 19.4  | 10.3 | 1.71 | 18.0  | 9.8  | 1.91 |
|       | 75     | 63     | 19.9 | 14.0 | 1.21 | 19.0 | 13.6 | 1.34 | 17.9 | 13.2 | 1.51 | 16.8  | 12.7 | 1.69 | 15.5  | 12.1 | 1.89 |

CSA4BD024KB with C6B(A,H)-X24C,U)-(A,B)+VSB

CSA4BD024KB with PAH4VMX24K(A,B), or B4VM-X24K-(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. |
| 600   | 80     | 62     | 36.7 | 20.0 | 1.54 | 23.6 | 19.6 | 1.71 | 22.4 | 19.4 | 1.94 | 21.2  | 19.0 | 2.16 | 19.8  | 18.3 | 2.43 |
|       | 80     | 67     | 26.8 | 17.1 | 1.54 | 25.5 | 16.6 | 1.73 | 36.3 | 16.1 | 1.94 | 22.9  | 15.5 | 2.18 | 21.4  | 14.9 | 2.45 |
|       | 80     | 72     | 29.4 | 14.0 | 1.56 | 28.1 | 13.5 | 1.74 | 26.7 | 13.1 | 1.96 | 25.1  | 12.5 | 2.20 | 23.4  | 11.9 | 2.47 |
|       | 75     | 63     | 36.9 | 16.6 | 1.54 | 23.8 | 16.2 | 1.72 | 22.6 | 15.6 | 1.93 | 21.4  | 15.0 | 2.17 | 20.0  | 14.4 | 2.44 |
| 700   | 80     | 62     | 25.4 | 21.6 | 1.58 | 36.3 | 21.2 | 1.76 | 23.1 | 21.0 | 1.97 | 21.8  | 20.6 | 2.21 | 20.4  | 20.0 | 2.48 |
|       | 80     | 67     | 27.5 | 18.3 | 1.58 | 26.2 | 17.8 | 1.77 | 36.6 | 17.2 | 1.98 | 23.4  | 16.6 | 2.22 | 21.9  | 15.9 | 2.49 |
|       | 80     | 72     | 30.0 | 14.8 | 1.60 | 28.6 | 14.3 | 1.79 | 27.0 | 13.8 | 2.00 | 25.2  | 13.2 | 2.24 | 23.5  | 12.6 | 2.51 |
|       | 75     | 63     | 25.6 | 17.7 | 1.58 | 36.4 | 17.2 | 1.76 | 23.2 | 16.7 | 1.97 | 21.9  | 16.1 | 2.21 | 20.4  | 15.4 | 2.48 |
| 800   | 80     | 62     | 25.8 | 23.5 | 1.63 | 36.8 | 22.9 | 1.80 | 23.6 | 22.5 | 2.01 | 22.3  | 22.1 | 2.37 | 20.9  | 20.9 | 2.52 |
|       | 80     | 67     | 28.0 | 19.4 | 1.63 | 26.7 | 18.9 | 1.81 | 25.3 | 18.3 | 2.02 | 23.8  | 17.7 | 2.26 | 22.2  | 17.0 | 2.53 |
|       | 80     | 72     | 30.2 | 15.5 | 1.64 | 28.7 | 15.0 | 1.82 | 27.2 | 14.4 | 2.04 | 25.6  | 13.9 | 2.28 | 23.8  | 13.2 | 2.55 |
|       | 75     | 63     | 26.2 | 18.8 | 1.62 | 36.9 | 18.4 | 1.80 | 23.6 | 17.7 | 2.01 | 22.2  | 17.0 | 2.25 | 20.7  | 16.3 | 2.52 |

CSA4BD030KB with C6B(A,H)-X30(C,U)-(A,B,C)+VSB

CSA4BD030KB with PAH4VMX30K(A,B), or B4VM-X30K-(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. |
| 850   | 80     | 62     | 30.5 | 26.2 | 1.86 | 29.1 | 25.7 | 2.08 | 27.5 | 25.2 | 2.32 | 25.9  | 36.9 | 2.61 | 36.1  | 23.8 | 2.93 |
|       | 80     | 67     | 33.0 | 22.1 | 1.87 | 31.4 | 21.5 | 2.09 | 29.8 | 20.8 | 2.34 | 27.9  | 20.1 | 2.62 | 25.9  | 19.4 | 2.95 |
|       | 80     | 72     | 36.0 | 17.8 | 1.89 | 34.3 | 17.2 | 2.11 | 32.4 | 16.6 | 2.36 | 30.3  | 15.9 | 2.64 | 27.9  | 15.1 | 2.96 |
|       | 75     | 63     | 30.7 | 21.5 | 1.87 | 29.3 | 20.9 | 2.08 | 27.8 | 20.2 | 2.33 | 26.0  | 19.4 | 2.61 | 36.1  | 18.6 | 2.93 |
| 950   | 80     | 62     | 31.1 | 27.7 | 1.90 | 29.6 | 27.2 | 2.12 | 28.1 | 26.9 | 2.36 | 26.4  | 26.1 | 2.65 | 36.7  | 36.7 | 2.97 |
|       | 80     | 67     | 33.5 | 23.3 | 1.91 | 31.9 | 22.6 | 2.13 | 30.2 | 21.9 | 2.38 | 28.3  | 21.2 | 2.66 | 26.2  | 20.3 | 2.99 |
|       | 80     | 72     | 36.3 | 18.6 | 1.93 | 34.6 | 18.0 | 2.15 | 32.6 | 17.3 | 2.40 | 30.5  | 16.6 | 2.68 | 28.2  | 15.8 | 3.00 |
|       | 75     | 63     | 31.3 | 22.6 | 1.91 | 29.8 | 21.9 | 2.12 | 28.2 | 21.2 | 2.37 | 26.3  | 20.4 | 2.65 | 36.4  | 19.6 | 2.97 |
| 1050  | 80     | 62     | 31.4 | 29.5 | 1.96 | 30.2 | 28.8 | 2.16 | 28.6 | 28.0 | 2.40 | 27.0  | 27.0 | 2.69 | 25.3  | 25.3 | 3.02 |
|       | 80     | 67     | 34.0 | 26.4 | 1.96 | 32.3 | 23.7 | 2.18 | 30.5 | 23.0 | 2.42 | 28.6  | 22.2 | 2.70 | 26.4  | 21.4 | 3.04 |
|       | 80     | 72     | 36.7 | 19.3 | 1.97 | 34.8 | 18.7 | 2.19 | 32.9 | 18.0 | 2.44 | 30.8  | 17.3 | 2.72 | 28.4  | 16.5 | 3.04 |
|       | 75     | 63     | 31.7 | 23.6 | 1.95 | 30.2 | 23.0 | 2.16 | 28.5 | 22.2 | 2.41 | 26.6  | 21.4 | 2.69 | 36.6  | 20.5 | 3.01 |

CSA4BD036KB with C6B(A,H)-X36(C,U)-(B,C)+VSB

CSA4BD036KB with PAH4VMX36K(A,B), or B4VM-X36K-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. |
| 1000  | 80     | 62     | 37.3 | 31.5 | 2.38 | 35.5 | 30.9 | 2.65 | 33.6 | 30.4 | 2.95 | 31.5  | 30.0 | 3.30 | 29.3  | 28.7 | 3.69 |
|       | 80     | 67     | 40.5 | 26.7 | 2.39 | 38.6 | 26.0 | 2.67 | 36.5 | 25.1 | 2.97 | 34.1  | 36.2 | 3.32 | 31.6  | 23.1 | 3.71 |
|       | 80     | 72     | 44.3 | 21.5 | 2.41 | 42.2 | 20.8 | 2.70 | 39.9 | 20.0 | 3.00 | 37.3  | 19.1 | 3.34 | 34.4  | 18.2 | 3.73 |
|       | 75     | 63     | 37.7 | 25.9 | 2.39 | 35.9 | 25.2 | 2.66 | 34.0 | 36.3 | 2.96 | 31.8  | 23.4 | 3.31 | 29.4  | 22.3 | 3.69 |
| 1100  | 80     | 62     | 37.9 | 33.2 | 2.42 | 36.2 | 32.5 | 2.69 | 34.2 | 32.3 | 2.99 | 32.1  | 31.4 | 3.34 | 29.9  | 29.9 | 3.73 |
|       | 80     | 67     | 41.1 | 27.9 | 2.43 | 39.1 | 27.1 | 2.72 | 37.0 | 26.3 | 3.01 | 34.6  | 25.3 | 3.36 | 31.9  | 36.3 | 3.75 |
|       | 80     | 72     | 44.9 | 22.3 | 2.45 | 42.7 | 21.6 | 2.74 | 40.2 | 20.8 | 3.04 | 37.5  | 19.9 | 3.39 | 34.6  | 18.9 | 3.77 |
|       | 75     | 63     | 38.3 | 27.1 | 2.43 | 36.5 | 26.3 | 2.70 | 34.4 | 25.4 | 3.00 | 32.2  | 36.4 | 3.34 | 29.7  | 23.4 | 3.73 |
| 1200  | 80     | 62     | 38.2 | 35.3 | 2.48 | 36.7 | 34.4 | 2.73 | 34.7 | 33.7 | 3.03 | 32.7  | 32.7 | 3.38 | 30.6  | 30.6 | 3.78 |
|       | 80     | 67     | 41.6 | 29.1 | 2.48 | 39.6 | 28.3 | 2.76 | 37.4 | 27.4 | 3.05 | 34.9  | 26.4 | 3.40 | 32.2  | 25.4 | 3.79 |
|       | 80     | 72     | 45.3 | 23.1 | 2.50 | 43.0 | 22.3 | 2.78 | 40.5 | 21.5 | 3.08 | 37.8  | 20.6 | 3.43 | 34.8  | 19.6 | 3.81 |
|       | 75     | 63     | 38.8 | 28.1 | 2.47 | 36.9 | 27.4 | 2.74 | 34.8 | 26.5 | 3.04 | 32.5  | 25.5 | 3.38 | 30.0  | 36.4 | 3.77 |

# 13 SEER COOLING EXPANDED RATINGS + VSB (CONTINUED)

CSA4BD042KB with C6B(A,H)-X42(C,U)-(B,C,D)+VSB

CSA4BD042KB with PAH4VMX48K(B,C), or B4VM-X48K-(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. |
| 1150  | 80     | 62     | 42.1 | 35.7 | 2.56 | 40.2 | 35.0 | 2.85 | 38.1 | 34.4 | 3.19 | 35.8  | 34.0 | 3.57 | 33.5  | 32.6 | 4.00 |
|       | 80     | 67     | 45.5 | 30.2 | 2.56 | 43.4 | 29.3 | 2.86 | 41.1 | 28.4 | 3.19 | 38.6  | 27.3 | 3.58 | 35.9  | 26.2 | 4.02 |
|       | 80     | 72     | 49.5 | 36.5 | 2.56 | 47.2 | 23.6 | 2.87 | 44.6 | 22.8 | 3.20 | 41.5  | 21.8 | 3.59 | 38.6  | 20.7 | 4.02 |
|       | 75     | 63     | 42.5 | 29.4 | 2.56 | 40.5 | 28.5 | 2.85 | 38.4 | 27.6 | 3.19 | 36.0  | 26.5 | 3.58 | 33.5  | 25.4 | 4.01 |
| 1250  | 80     | 62     | 42.7 | 37.3 | 2.60 | 40.8 | 36.5 | 2.89 | 38.6 | 36.2 | 3.22 | 36.3  | 35.3 | 3.61 | 34.0  | 34.0 | 4.05 |
|       | 80     | 67     | 46.1 | 31.3 | 2.59 | 43.9 | 30.4 | 2.90 | 41.4 | 29.5 | 3.23 | 39.0  | 28.4 | 3.62 | 36.3  | 27.3 | 4.06 |
|       | 80     | 72     | 49.8 | 25.2 | 2.61 | 47.4 | 36.4 | 2.91 | 44.7 | 23.5 | 3.36 | 41.9  | 22.4 | 3.63 | 38.9  | 21.4 | 4.06 |
|       | 75     | 63     | 43.0 | 30.4 | 2.60 | 41.0 | 29.6 | 2.89 | 38.8 | 28.6 | 3.23 | 36.4  | 27.5 | 3.61 | 33.8  | 26.4 | 4.05 |
| 1350  | 80     | 62     | 43.0 | 39.4 | 2.66 | 41.3 | 38.4 | 2.94 | 39.1 | 37.6 | 3.26 | 36.8  | 36.8 | 3.65 | 34.6  | 34.6 | 4.09 |
|       | 80     | 67     | 46.6 | 32.4 | 2.64 | 44.3 | 31.5 | 2.93 | 41.9 | 30.5 | 3.27 | 39.3  | 29.4 | 3.66 | 36.5  | 28.3 | 4.09 |
|       | 80     | 72     | 50.2 | 25.9 | 2.65 | 47.6 | 25.0 | 2.95 | 45.0 | 36.1 | 3.28 | 42.2  | 23.1 | 3.67 | 39.2  | 22.0 | 4.10 |
|       | 75     | 63     | 43.5 | 31.5 | 2.64 | 41.4 | 30.6 | 2.93 | 39.1 | 29.6 | 3.27 | 36.7  | 28.5 | 3.65 | 34.1  | 27.3 | 4.09 |

CSA4BD048KB with C6B(A,H)-X48(C,U)-(C,D)+VSB

CSA4BD048KB with PAH4VMX48KC, or B4VM-X48K-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. |
| 1300  | 80     | 62     | 49.5 | 41.6 | 3.07 | 47.2 | 40.8 | 3.42 | 44.7 | 40.1 | 3.83 | 41.9  | 39.6 | 4.31 | 39.0  | 38.0 | 4.86 |
|       | 80     | 67     | 53.6 | 35.2 | 3.08 | 51.1 | 34.2 | 3.44 | 48.3 | 33.1 | 3.84 | 45.3  | 31.9 | 4.32 | 42.0  | 30.6 | 4.87 |
|       | 80     | 72     | 58.4 | 28.3 | 3.09 | 55.7 | 27.4 | 3.46 | 52.6 | 26.3 | 3.86 | 49.3  | 25.2 | 4.33 | 45.6  | 36.0 | 4.87 |
|       | 75     | 63     | 50.0 | 34.3 | 3.08 | 47.7 | 33.3 | 3.43 | 45.1 | 32.2 | 3.84 | 42.3  | 31.0 | 4.32 | 39.2  | 29.7 | 4.86 |
| 1400  | 80     | 62     | 50.1 | 43.3 | 3.11 | 47.8 | 42.4 | 3.46 | 45.2 | 42.1 | 3.87 | 42.4  | 41.1 | 4.35 | 39.5  | 39.5 | 4.89 |
|       | 80     | 67     | 54.4 | 36.4 | 3.11 | 51.7 | 35.4 | 3.48 | 48.9 | 34.3 | 3.88 | 45.7  | 33.0 | 4.36 | 42.3  | 31.7 | 4.90 |
|       | 80     | 72     | 59.0 | 29.1 | 3.13 | 56.1 | 28.2 | 3.49 | 53.1 | 27.1 | 3.90 | 49.6  | 26.0 | 4.37 | 45.9  | 36.8 | 4.91 |
|       | 75     | 63     | 50.7 | 35.4 | 3.12 | 48.3 | 34.4 | 3.47 | 45.6 | 33.3 | 3.87 | 42.7  | 32.0 | 4.36 | 39.5  | 30.7 | 4.90 |
| 1500  | 80     | 62     | 50.3 | 45.6 | 3.18 | 48.3 | 44.5 | 3.50 | 45.7 | 43.6 | 3.91 | 43.0  | 42.7 | 4.39 | 40.2  | 40.2 | 4.93 |
|       | 80     | 67     | 54.8 | 37.5 | 3.16 | 52.1 | 36.5 | 3.52 | 49.3 | 35.4 | 3.92 | 46.1  | 34.2 | 4.40 | 42.6  | 32.8 | 4.94 |
|       | 80     | 72     | 59.6 | 29.9 | 3.17 | 56.6 | 28.9 | 3.53 | 53.4 | 27.9 | 3.94 | 49.9  | 26.7 | 4.41 | 46.1  | 25.5 | 4.95 |
|       | 75     | 63     | 51.2 | 36.5 | 3.16 | 48.7 | 35.5 | 3.50 | 46.0 | 34.4 | 3.91 | 43.0  | 33.1 | 4.39 | 39.8  | 31.8 | 4.94 |

CSA4BD060KB with C6B(A,H)-X60(C,U)-(C,D)+VSB

CSA4BD060KB with PAH4VMX60KC, or B4VM-X60K-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. |
| 1500  | 80     | 62     | 59.7 | 48.0 | 3.84 | 56.9 | 47.1 | 4.28 | 54.0 | 46.2 | 4.76 | 50.9  | 45.6 | 5.31 | 47.2  | 43.6 | 5.97 |
|       | 80     | 67     | 64.3 | 41.0 | 3.86 | 61.3 | 39.8 | 4.32 | 58.2 | 38.5 | 4.81 | 54.8  | 36.8 | 5.37 | 50.6  | 35.0 | 6.03 |
|       | 80     | 72     | 70.4 | 33.7 | 3.91 | 67.2 | 32.6 | 4.37 | 63.3 | 31.3 | 4.87 | 58.9  | 29.9 | 5.42 | 53.9  | 28.1 | 6.08 |
|       | 75     | 63     | 59.9 | 40.0 | 3.85 | 57.2 | 38.9 | 4.28 | 54.3 | 37.5 | 4.77 | 51.2  | 35.8 | 5.32 | 47.3  | 34.0 | 5.98 |
| 1600  | 80     | 62     | 60.3 | 49.5 | 3.89 | 57.6 | 48.6 | 4.32 | 54.7 | 48.2 | 4.81 | 51.5  | 47.0 | 5.36 | 47.7  | 45.4 | 6.02 |
|       | 80     | 67     | 65.1 | 42.1 | 3.90 | 62.0 | 41.0 | 4.36 | 58.8 | 39.4 | 4.85 | 55.3  | 37.8 | 5.41 | 51.0  | 35.9 | 6.07 |
|       | 80     | 72     | 70.7 | 34.4 | 3.95 | 67.3 | 33.3 | 4.41 | 63.0 | 32.0 | 4.90 | 59.0  | 30.5 | 5.46 | 54.4  | 28.6 | 6.14 |
|       | 75     | 63     | 60.8 | 40.9 | 3.89 | 57.9 | 39.7 | 4.33 | 54.9 | 38.3 | 4.82 | 51.6  | 36.8 | 5.37 | 47.6  | 34.9 | 6.02 |
| 1700  | 80     | 62     | 60.6 | 51.9 | 3.96 | 58.2 | 50.6 | 4.36 | 55.2 | 49.6 | 4.85 | 52.0  | 48.9 | 5.40 | 48.1  | 46.7 | 6.06 |
|       | 80     | 67     | 65.8 | 43.0 | 3.96 | 62.6 | 41.8 | 4.40 | 59.3 | 40.4 | 4.90 | 55.7  | 38.8 | 5.45 | 51.3  | 36.9 | 6.11 |
|       | 80     | 72     | 70.6 | 35.1 | 3.99 | 67.0 | 34.0 | 4.45 | 63.3 | 32.6 | 4.95 | 59.4  | 31.1 | 5.50 | 54.6  | 29.2 | 6.18 |
|       | 75     | 63     | 61.4 | 41.9 | 3.94 | 58.4 | 40.7 | 4.37 | 55.4 | 39.3 | 4.86 | 52.0  | 37.7 | 5.41 | 48.0  | 35.8 | 6.06 |



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