

# QUICK REFERENCE DATA

## \*S4BD Series Residential Split System Air Conditioner

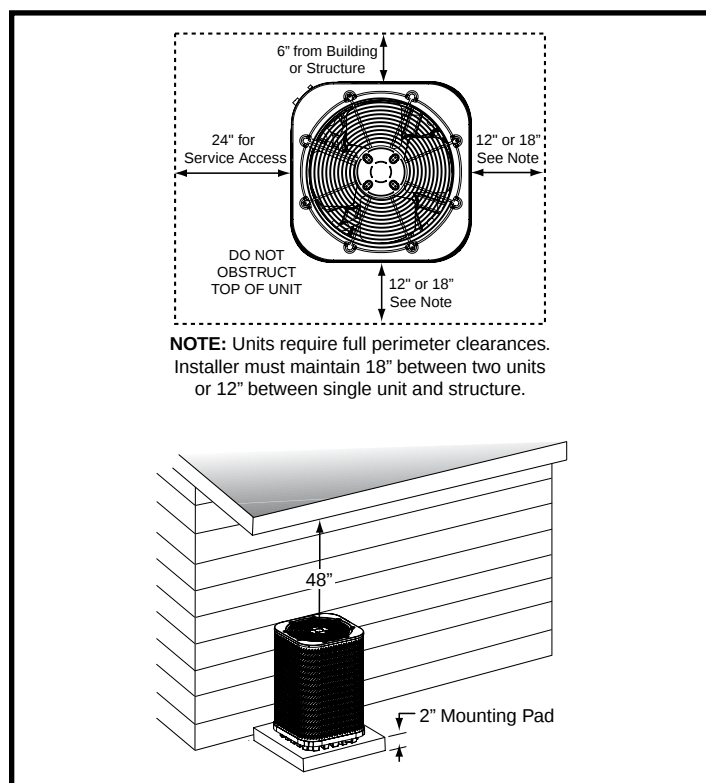
| MODEL NUMBER: *S4BD-                                                              |                        |             | 018KB              | 024KB | 030KB | 036KB    | 042KB | 048KB | 060KB      |
|-----------------------------------------------------------------------------------|------------------------|-------------|--------------------|-------|-------|----------|-------|-------|------------|
| Electrical<br>Data                                                                | Volts-Cycles Phase (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<br>Data                                                                 | Coil                   | Area        | 8.3                | 8.3   | 10.0  | 10.0     | 15.3  | 15.3  | 17.9       |
|                                                                                   |                        | Rows-FPI    | 1-18               |       |       |          |       |       |            |
|                                                                                   |                        | Tube Dia.   | Micro-Channel      |       |       |          |       |       |            |
|                                                                                   | Fan Motor              | Type        | 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       |
|                                                                                   | 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) |
| REFRIGERANT CHARGE<br>R-410A in ounces for outdoor unit & 15' Lineset. (5)        |                        |             | 40.4               | 41.0  | 40.0  | 41.0     | 59.0  | 60.0  | 69.6       |
| APPROXIMATE WEIGHT (LBS.)                                                         |                        | Net         | 109                | 125   | 138   | 140      | 179   | 179   | 188        |
|                                                                                   |                        | Ship        | 114                | 130   | 144   | 146      | 187   | 187   | 197        |

- (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.

**Table 1. Electrical Specifications & Physical Data**

| Thermostat Wire Gauge | Recommended T-Stat Wire Unit to T-Stat (Length in FT) |                          |
|-----------------------|-------------------------------------------------------|--------------------------|
|                       | 2-Wire (Heating)                                      | 5-Wire (Heating/Cooling) |
| 24                    | 55                                                    | 25                       |
| 22                    | 90                                                    | 45                       |
| 20                    | 140                                                   | 70                       |
| 18                    | 225                                                   | 110                      |

**Table 2. Thermostat Wire Gauge**



**Figure 1. Clearance Requirements**

| Model JS4BD Shown |            |           |           |
|-------------------|------------|-----------|-----------|
| MODEL NUMBER      | HEIGHT (H) | WIDTH (W) | DEPTH (D) |
| *S4BD-018KB       | 23 1/2"    | 22 3/4"   | 22 3/4"   |
| *S4BD-024KB       | 23 1/2"    | 22 3/4"   | 22 3/4"   |
| *S4BD-030KB       | 27 1/2"    | 22 3/4"   | 22 3/4"   |
| *S4BD-036KB       | 27 1/2"    | 22 3/4"   | 22 3/4"   |
| *S4BD-042KB       | 27 1/2"    | 30 3/4"   | 30 3/4"   |
| *S4BD-048KB       | 27 1/2"    | 30 3/4"   | 30 3/4"   |
| *S4BD-060KB       | 31 1/2"    | 30 3/4"   | 30 3/4"   |

**Table 3. Unit Dimensions**

### Instructions:

1. Find the column for the model of outdoor unit that is being installed.
2. Find the row for the model of the indoor unit that is being installed.
3. Find the cell in the table in which this row and column meet. In this cell the appropriate orifice / TXV and charge addition for this match are listed. If the text in this cell is BOLD, then a change of orifice is necessary.
4. If a change in restrictor is necessary, then the appropriate restrictor will already be supplied with the outdoor unit.

### Examples:

- For the \*S4BD-030KB / B4VM-X30K-B match, the appropriate TXV is the 669565 and 36 ounces of charge will need to be added. (CHANGE IN CHARGE)
- For the \*S4BD-024KB / B6EMMX24K-B match, the appropriate TXV is the 669564 and no additional charge needs to be added. (NO CHANGES ARE NECESSARY)

| ID RESTRICTOR INSTALLED WITH ID UNIT | MODEL NUMBER: *S4BD-                 |                  | 018KB                                                                       | 024KB                | 030KB                | 036KB                | 042KB                 | 048KB                 | 060KB                 |
|--------------------------------------|--------------------------------------|------------------|-----------------------------------------------------------------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|-----------------------|
|                                      | ID Restrictor Supplied With OD Unit: |                  | 0.048                                                                       | 0.056                | 0.060, 0.061         | 0.065, 0.067         | 0.071, 0.072          | 0.076, 0.077          |                       |
|                                      | Outdoor Unit BOM Charge (Oz.)        |                  | 40.4                                                                        | 41                   | 40                   | 41                   | 59                    | 60                    | 69.6                  |
|                                      | MODELS                               | SUPPLIED WITH ID | REQUIRED RESTRICTOR OR TXV<br>(CHARGE ADDITION (OZ) / RATED AIRFLOW (SCFM)) |                      |                      |                      |                       |                       |                       |
|                                      | B4VM                                 |                  |                                                                             |                      |                      |                      |                       |                       |                       |
|                                      | B4VM-X24K-A                          | 669564           | 669564<br>(30 / 550)                                                        | 669564<br>(29 / 700) | --                   | --                   | --                    | --                    | --                    |
|                                      | B4VM-X24K-B                          | 669564           | 669564<br>(30 / 550)                                                        | 669564<br>(29 / 700) | --                   | --                   | --                    | --                    | --                    |
|                                      | B4VM-X30K-A                          | 669565           | --                                                                          | --                   | 669565<br>(36 / 950) | --                   | --                    | --                    | --                    |
|                                      | B4VM-X30K-B                          | 669565           | --                                                                          | --                   | 669565<br>(36 / 950) | --                   | --                    | --                    | --                    |
|                                      | B4VM-X36K-B                          | 669566           | --                                                                          | --                   | --                   | 669566<br>(31 / 950) | --                    | --                    | --                    |
|                                      | B4VM-X48K-B                          | 669568           | --                                                                          | --                   | --                   | --                   | 669568<br>(34 / 1250) | --                    | --                    |
|                                      | B4VM-X48K-C                          | 669568           | --                                                                          | --                   | --                   | --                   | 669568<br>(34 / 1250) | 669568<br>(36 / 1400) | --                    |
|                                      | B4VM-X60K-C                          | 669578           | --                                                                          | --                   | --                   | --                   | --                    | --                    | 669578<br>(36 / 1600) |
|                                      | GB5BM-0                              |                  |                                                                             |                      |                      |                      |                       |                       |                       |
|                                      | GB5BM-024K-A                         | 0.055            | 0.048<br>(30 / 675)                                                         | 0.055<br>(29 / 700)  | --                   | --                   | --                    | --                    | --                    |
|                                      | GB5BM-024K-B                         | 0.055            | 0.048<br>( 30 / 675)                                                        | 0.055<br>(29 / 700)  | --                   | --                   | --                    | --                    | --                    |
|                                      | GB5BM-030K-A                         | 0.065            | --                                                                          | --                   | 0.065<br>(36 / 950)  | --                   | --                    | --                    | --                    |
|                                      | GB5BM-030K-B                         | 0.065            | --                                                                          | --                   | 0.065<br>(36 / 950)  | --                   | --                    | --                    | --                    |
|                                      | GB5BM-036K-B                         | 0.073            | --                                                                          | --                   | --                   | 0.073<br>(31 / 950)  | --                    | --                    | --                    |
|                                      | GB5BM-042K-B                         | 0.077            | --                                                                          | --                   | --                   | --                   | 0.077<br>(34 / 1250)  | --                    | --                    |
| GB5BM-048K-C                         | 0.080                                | --               | --                                                                          | --                   | --                   | --                   | 0.080<br>(36 / 1400)  | --                    |                       |
| GB5BM-060K-C                         | 0.089                                | --               | --                                                                          | --                   | --                   | --                   | --                    | 0.089<br>(36 / 1600)  |                       |

### NOTES:

- The charges listed are only valid for the standard 15' lineset.
- Numbers listed as 0.\*\*\* are restrictor diameters, while numbers listed as 669\*\*\* are TXV part numbers.

**Table 4. Restrictor or TXV / Charge Addition (Oz)**

# Instructions:

1. Find the column for the model of outdoor unit that is being installed.
2. Find the row for the model of the indoor unit that is being installed.
3. Find the cell in the table in which this row and column meet. In this cell the appropriate orifice / TXV and charge addition for this match are listed. If the text in this cell is BOLD, then a change of orifice is necessary.
4. If a change in restrictor is necessary, then the appropriate restrictor will already be supplied with the outdoor unit.

# Examples:

- For the \*S4BD-030KB / B4VM-X30K-B match, the appropriate TXV is the 669565 and 36 ounces of charge will need to be added. (CHANGE IN CHARGE)
- For the \*S4BD-024KB / B6EMMX24K-B match, the appropriate TXV is the 669564 and no additional charge needs to be added. (NO CHANGES ARE NECESSARY)

|                                      |                                      |                  |                                                                             |                      |                      |                      |                       |                       |                       |
|--------------------------------------|--------------------------------------|------------------|-----------------------------------------------------------------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|-----------------------|
| ID RESTRICTOR INSTALLED WITH ID UNIT | MODEL NUMBER: *S4BD-                 |                  | 018KB                                                                       | 024KB                | 030KB                | 036KB                | 042KB                 | 048KB                 | 060KB                 |
|                                      | ID Restrictor Supplied With OD Unit: |                  | 0.048                                                                       | 0.056                | 0.060, 0.061         | 0.065, 0.067         | 0.071, 0.072          | 0.076, 0.077          |                       |
|                                      | Outdoor Unit BOM Charge (Oz.)        |                  | 40.4                                                                        | 41                   | 40                   | 41                   | 59                    | 60                    | 69.6                  |
|                                      | MODELS                               | SUPPLIED WITH ID | REQUIRED RESTRICTOR OR TXV<br>(CHARGE ADDITION (OZ) / RATED AIRFLOW (SCFM)) |                      |                      |                      |                       |                       |                       |
|                                      | GB5BMM                               |                  |                                                                             |                      |                      |                      |                       |                       |                       |
|                                      | GB5BMM024K-A                         | 0.055            | 0.048<br>(0 / 555)                                                          | 0.055<br>(3 / 700)   | --                   | --                   | --                    | --                    | --                    |
|                                      | GB5BMM024K-B                         | 0.055            | 0.048<br>(0 / 550)                                                          | 0.055<br>(3 / 720)   | --                   | --                   | --                    | --                    | --                    |
|                                      | GB5BMM030K-A                         | 0.062            | --                                                                          | --                   | 0.060<br>(8 / 920)   | --                   | --                    | --                    | --                    |
|                                      | GB5BMM030K-B                         | 0.062            | --                                                                          | --                   | 0.060<br>(8 / 890)   | --                   | --                    | --                    | --                    |
|                                      | GB5BMM036K-B                         | 0.067            | --                                                                          | --                   | --                   | 0.065<br>(15 / 1160) | --                    | --                    | --                    |
|                                      | GB5BMM042K-B                         | 0.074            | --                                                                          | --                   | --                   | --                   | 0.072<br>(0 / 1370)   | --                    | --                    |
|                                      | GB5BMM048K-B                         | 0.079            | --                                                                          | --                   | --                   | --                   | --                    | 0.079<br>(2 / 1355)   | --                    |
|                                      | GB5BMM048K-C                         | 0.079            | --                                                                          | --                   | --                   | --                   | --                    | 0.079<br>(2 / 1630)   | --                    |
|                                      | GB5BMM060K-C                         | 0.087            | --                                                                          | --                   | --                   | --                   | --                    | --                    | 0.087<br>(0 / 1950)   |
|                                      | B5BM-X                               |                  |                                                                             |                      |                      |                      |                       |                       |                       |
|                                      | B5B(M,V)-X24K-A                      | 669564           | 669564<br>(30 / 675)                                                        | 669564<br>(29 / 700) | --                   | --                   | --                    | --                    | --                    |
|                                      | B5B(M,V)-X24K-B                      | 669564           | 669564<br>(30 / 675)                                                        | 669564<br>(29 / 700) | --                   | --                   | --                    | --                    | --                    |
|                                      | B5B(M,V)-X30K-A                      | 669565           | --                                                                          | --                   | 669565<br>(36 / 950) | --                   | --                    | --                    | --                    |
|                                      | B5B(M,V)-X30K-B                      | 669565           | --                                                                          | --                   | 669565<br>(36 / 950) | --                   | --                    | --                    | --                    |
|                                      | B5B(M,V)-X36K-B                      | 669566           | --                                                                          | --                   | --                   | 669566<br>(31 / 950) | --                    | --                    | --                    |
|                                      | B5B(M,V)-X42K-B                      | 669567           | --                                                                          | --                   | --                   | --                   | 669567<br>(34 / 1250) | --                    | --                    |
|                                      | B5B(M,V)-X48K-B                      | 669568           | --                                                                          | --                   | --                   | --                   | --                    | 669568<br>(36 / 1400) | --                    |
|                                      | B5B(M,V)-X48K-C                      | 669568           | --                                                                          | --                   | --                   | --                   | --                    | 669568<br>(36 / 1400) | --                    |
|                                      | B5B(M,V)-X60K-C                      | 669578           | --                                                                          | --                   | --                   | --                   | --                    | --                    | 669578<br>(36 / 1600) |
|                                      | B5BW                                 |                  |                                                                             |                      |                      |                      |                       |                       |                       |
|                                      | GB5BW-030K(*)                        | 0.063†           | 0.050<br>(30 / 660)                                                         | 0.057<br>(29 / 675)  | 0.063<br>(36 / 760)  | --                   | --                    | --                    | --                    |

# NOTES:

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- † The GB5BW-030K unit is supplied with extra 0.050, 0.057, and 0.065 restrictors.

**Table 4. Restrictor or TXV / Charge Addition (Oz) - Continued**

**Instructions:**

1. Find the column for the model of outdoor unit that is being installed.
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**Examples:**

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- For the \*S4BD-024KB / B6EMMX24K-B match, the appropriate TXV is the 669564 and no additional charge needs to be added. (NO CHANGES ARE NECESSARY)

| ID RESTRICTOR INSTALLED WITH ID UNIT | MODEL NUMBER: *S4BD-                 |                  | 018KB                                                                       | 024KB                | 030KB                | 036KB                 | 042KB                 | 048KB                 | 060KB                 |
|--------------------------------------|--------------------------------------|------------------|-----------------------------------------------------------------------------|----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                                      | ID Restrictor Supplied With OD Unit: |                  | 0.048                                                                       | 0.056                | 0.060, 0.061         | 0.065, 0.067          | 0.071, 0.072          | 0.076, 0.077          |                       |
|                                      | Outdoor Unit BOM Charge (Oz.)        |                  | 40.4                                                                        | 41                   | 40                   | 41                    | 59                    | 60                    | 69.6                  |
|                                      | MODELS                               | SUPPLIED WITH ID | REQUIRED RESTRICTOR OR TXV<br>(CHARGE ADDITION (OZ) / RATED AIRFLOW (SCFM)) |                      |                      |                       |                       |                       |                       |
|                                      | B6BMM0                               |                  |                                                                             |                      |                      |                       |                       |                       |                       |
|                                      | B6BMM024K-A                          | 0.055            | 0.048<br>(0 / 555)                                                          | 0.055<br>(3 / 700)   | --                   | --                    | --                    | --                    | --                    |
|                                      | B6BMM024K-B                          | 0.055            | 0.048<br>(0 / 550)                                                          | 0.055<br>(3 / 720)   | --                   | --                    | --                    | --                    | --                    |
|                                      | B6BMM030K-A                          | 0.062            | --                                                                          | --                   | 0.060<br>(8 / 920)   | --                    | --                    | --                    | --                    |
|                                      | B6BMM030K-B                          | 0.062            | --                                                                          | --                   | 0.060<br>(8 / 890)   | --                    | --                    | --                    | --                    |
|                                      | B6BMM036K-B                          | 0.067            | --                                                                          | --                   | --                   | 0.065<br>(15 / 1160)  | --                    | --                    | --                    |
|                                      | B6BMM042K-B                          | 0.074            | --                                                                          | --                   | --                   | --                    | 0.072<br>(0 / 1370)   | --                    | --                    |
|                                      | B6BMM048K-B                          | 0.079            | --                                                                          | --                   | --                   | --                    | --                    | 0.079<br>(2 / 1355)   | --                    |
|                                      | B6BMM048K-C                          | 0.079            | --                                                                          | --                   | --                   | --                    | --                    | 0.079<br>(2 / 1630)   | --                    |
|                                      | B6BMM060K-C                          | 0.087            | --                                                                          | --                   | --                   | --                    | --                    | --                    | 0.087<br>(0 / 1950)   |
|                                      | B6BM-X                               |                  |                                                                             |                      |                      |                       |                       |                       |                       |
|                                      | B6BM-X24K-A                          | 669564           | 669564<br>(30 / 675)                                                        | 669564<br>(29 / 825) | --                   | --                    | --                    | --                    | --                    |
|                                      | B6BM-X24K-B                          | 669564           | 669564<br>(30 / 650)                                                        | 669564<br>(28 / 800) | --                   | --                    | --                    | --                    | --                    |
|                                      | B6BM-X30K-A                          | 669565           | --                                                                          | --                   | 669565<br>(36 / 950) | --                    | --                    | --                    | --                    |
|                                      | B6BM-X30K-B                          | 669565           | --                                                                          | 669565<br>(29 / 700) | 669565<br>(36 / 950) | --                    | --                    | --                    | --                    |
|                                      | B6BM-X36K-B                          | 669566           | --                                                                          | --                   | --                   | 669566<br>(40 / 1145) | --                    | --                    | --                    |
|                                      | B6BM-X42K-B                          | 669567           | --                                                                          | --                   | --                   | --                    | 669564<br>(34 / 1250) | --                    | --                    |
|                                      | B6BM-X48K-C                          | 669568           | --                                                                          | --                   | --                   | --                    | --                    | 669568<br>(34 / 1585) | --                    |
|                                      | B6BM-X60K-C                          | 669578           | --                                                                          | --                   | --                   | --                    | --                    | --                    | 669578<br>(36 / 1600) |
|                                      | B6BW                                 |                  |                                                                             |                      |                      |                       |                       |                       |                       |
|                                      | B6BW-018K(*)                         | 0.056            | 0.048<br>(0 / 600)                                                          | --                   | --                   | --                    | --                    | --                    | --                    |
|                                      | B6BW-024K(*)                         | 0.057            | --                                                                          | 0.057<br>(3 / 800)   | --                   | --                    | --                    | --                    | --                    |
|                                      | B6BW-030K(*)                         | 0.060            | --                                                                          | --                   | 0.060<br>(8 / 950)   | --                    | --                    | --                    | --                    |
|                                      | B6BW-036K(*)                         | 0.069            | --                                                                          | --                   | --                   | 0.067<br>(0 / 1100)   | --                    | --                    | --                    |

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|--------------------------------------|--------------------------------------|------------------|-----------------------------------------------------------------------------|----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                                      | ID Restrictor Supplied With OD Unit: |                  | 0.048                                                                       | 0.056                | 0.060, 0.061         | 0.065, 0.067          | 0.071, 0.072          | 0.076, 0.077          |                       |
|                                      | Outdoor Unit BOM Charge (Oz.)        |                  | 40.4                                                                        | 41                   | 40                   | 41                    | 59                    | 60                    | 69.6                  |
|                                      | MODELS                               | SUPPLIED WITH ID | REQUIRED RESTRICTOR OR TXV<br>(CHARGE ADDITION (OZ) / RATED AIRFLOW (SCFM)) |                      |                      |                       |                       |                       |                       |
|                                      | B6EM                                 |                  |                                                                             |                      |                      |                       |                       |                       |                       |
|                                      | B6EMMX24K-A                          | 669564           | 669564<br>(0 / 670)                                                         | 669564<br>(0 / 740)  | --                   | --                    | --                    | --                    | --                    |
|                                      | B6EMMX24K-B                          | 669564           | 669564<br>(0 / 530)                                                         | 669564<br>(0 / 690)  | --                   | --                    | --                    | --                    | --                    |
|                                      | B6EMMX30K-A                          | 669565           | --                                                                          | --                   | 669565<br>(2 / 960)  | --                    | --                    | --                    | --                    |
|                                      | B6EMMX30K-B                          | 669565           | --                                                                          | --                   | 669565<br>(2 / 910)  | --                    | --                    | --                    | --                    |
|                                      | B6EMMX36K-B                          | 669566           | --                                                                          | --                   | --                   | 669566<br>(6 / 1155)  | --                    | --                    | --                    |
|                                      | B6EMMX42K-B                          | 669567           | --                                                                          | --                   | --                   | --                    | 669567<br>(4 / 1265)  | --                    | --                    |
|                                      | B6EMMX48K-C                          | 669852           | --                                                                          | --                   | --                   | --                    | 669852<br>(5 / 1465)  | 669852<br>(3 / 1430)  | --                    |
|                                      | B6EMMX60K-C                          | 669578           | --                                                                          | --                   | --                   | --                    | --                    | --                    | 669578<br>(0 / 1605)  |
|                                      | B6VM                                 |                  |                                                                             |                      |                      |                       |                       |                       |                       |
|                                      | B6VMAX24K-A                          | 669564           | 669564<br>(30 / 550)                                                        | 669564<br>(29 / 700) | --                   | --                    | --                    | --                    | --                    |
|                                      | B6VMAX24K-B                          | 669564           | 669564<br>(30 / 525)                                                        | 669564<br>(29 / 700) | --                   | --                    | --                    | --                    | --                    |
|                                      | B6VMAX30K-A                          | 669565           | --                                                                          | --                   | 669565<br>(36 / 950) | --                    | --                    | --                    | --                    |
|                                      | B6VMAX30K-B                          | 669565           | --                                                                          | 669565<br>(29 / 700) | 669565<br>(36 / 950) | --                    | --                    | --                    | --                    |
|                                      | B6VMAX36K-B                          | 669566           | --                                                                          | --                   | --                   | 669566<br>(31 / 1100) | --                    | --                    | --                    |
|                                      | B6VMAX42K-B                          | 669567           | --                                                                          | --                   | --                   | --                    | 669567<br>(34 / 1250) | --                    | --                    |
|                                      | B6VMAX48K-C                          | 669568           | --                                                                          | --                   | --                   | --                    | 669568<br>(34 / 1250) | 669568<br>(36 / 1400) | --                    |
|                                      | B6VMAX60K-C                          | 669578           | --                                                                          | --                   | --                   | --                    | --                    | --                    | 669578<br>(36 / 1600) |
|                                      | B6VMMX                               |                  |                                                                             |                      |                      |                       |                       |                       |                       |
|                                      | B6VMMX24K-A                          | 669564           | 669564<br>(0 / 670)                                                         | 669564<br>(0 / 740)  | --                   | --                    | --                    | --                    | --                    |
|                                      | B6VMMX24K-B                          | 669564           | 669564<br>(0 / 530)                                                         | 669564<br>(0 / 690)  | --                   | --                    | --                    | --                    | --                    |
|                                      | B6VMMX30K-A                          | 669565           | --                                                                          | --                   | 669565<br>(2 / 960)  | --                    | --                    | --                    | --                    |
|                                      | B6VMMX30K-B                          | 669565           | --                                                                          | --                   | 669565<br>(2 / 910)  | --                    | --                    | --                    | --                    |
|                                      | B6VMMX36K-B                          | 669566           | --                                                                          | --                   | --                   | 669566<br>(6 / 1155)  | --                    | --                    | --                    |
| B6VMMX42K-B                          | 669567                               | --               | --                                                                          | --                   | --                   | 669567<br>(4 / 1265)  | --                    | --                    |                       |
| B6VMMX48K-C                          | 669568                               | --               | --                                                                          | --                   | --                   | 669852<br>(5 / 1465)  | 669852<br>(3 / 1430)  | --                    |                       |
| B6VMMX60K-C                          | 669578                               | --               | --                                                                          | --                   | --                   | --                    | --                    | 669578<br>(0 / 1605)  |                       |

**NOTES:**

- The charges listed are only valid for the standard 15' lineset.
- Numbers listed as 0.\*\*\* are restrictor diameters, while numbers listed as 669\*\*\* are TXV part numbers.

**Table 4. Restrictor or TXV / Charge Addition (Oz) - Continued**

### Instructions:

1. Find the column for the model of outdoor unit that is being installed.
2. Find the row for the model of the indoor unit that is being installed.
3. Find the cell in the table in which this row and column meet. In this cell the appropriate orifice / TXV and charge addition for this match are listed. If the text in this cell is BOLD, then a change of orifice is necessary.
4. If a change in restrictor is necessary, then the appropriate restrictor will already be supplied with the outdoor unit.

### Examples:

- For the \*S4BD-030KB / B4VM-X30K-B match, the appropriate TXV is the 669565 and 36 ounces of charge will need to be added. (CHANGE IN CHARGE)
- For the \*S4BD-024KB / B6EMMX24K-B match, the appropriate TXV is the 669564 and no additional charge needs to be added. (NO CHANGES ARE NECESSARY)

| ID RESTRICTOR INSTALLED WITH ID UNIT | MODEL NUMBER: *S4BD-                 |                  | 018KB                                                                       | 024KB                | 030KB                 | 036KB                 | 042KB                 | 048KB                 | 060KB |
|--------------------------------------|--------------------------------------|------------------|-----------------------------------------------------------------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------|
|                                      | ID Restrictor Supplied With OD Unit: |                  | 0.048                                                                       | 0.056                | 0.060, 0.061          | 0.065, 0.067          | 0.071, 0.072          | 0.076, 0.077          |       |
|                                      | Outdoor Unit BOM Charge (Oz.)        |                  | 40.4                                                                        | 41                   | 40                    | 41                    | 59                    | 60                    | 69.6  |
|                                      | MODELS                               | SUPPLIED WITH ID | REQUIRED RESTRICTOR OR TXV<br>(CHARGE ADDITION (OZ) / RATED AIRFLOW (SCFM)) |                      |                       |                       |                       |                       |       |
|                                      | C6                                   |                  |                                                                             |                      |                       |                       |                       |                       |       |
|                                      | C6B(A,H)-X24(C,U)-A                  | 669564           | 669564<br>(30 / 530)                                                        | 669564<br>(29 / 700) | --                    | --                    | --                    | --                    | --    |
|                                      | C6B(A,H)-X24(C,U)-B                  | 669681           | 669681<br>(30 / 600)                                                        | 669681<br>(29 / 700) | --                    | --                    | --                    | --                    | --    |
|                                      | C6B(A,H)-X30(C,U)-A                  | 669565           | --                                                                          | --                   | 669565<br>(36 / 950)  | --                    | --                    | --                    | --    |
|                                      | C6B(A,H)-X30(C,U)-B                  | 669682           | --                                                                          | --                   | 669682<br>(36 / 950)  | --                    | --                    | --                    | --    |
|                                      | C6B(A,H)-X30(C,U)-C                  | 669682           | --                                                                          | --                   | 669682<br>(36 / 1000) | --                    | --                    | --                    | --    |
|                                      | C6B(A,H)-X35(C,U)-A                  | 669566           | --                                                                          | --                   | --                    | 669566<br>(31 / 950)  | --                    | --                    | --    |
|                                      | C6B(A,H)-X35(C,U)-B                  | 669683           | --                                                                          | --                   | --                    | 669683<br>(31 / 950)  | --                    | --                    | --    |
|                                      | C6B(A,H)-X36(C,U)-B                  | 669683           | --                                                                          | --                   | --                    | 669683<br>(31 / 1100) | --                    | --                    | --    |
|                                      | C6B(A,H)-X36(C,U)-C                  | 669683           | --                                                                          | --                   | --                    | 669683<br>(31 / 1100) | --                    | --                    | --    |
|                                      | C6B(A,H)-X42(C,U)-B                  | 669684           | --                                                                          | --                   | --                    | --                    | 669684<br>(34 / 1250) | --                    | --    |
|                                      | C6B(A,H)-X42(C,U)-C                  | 669684           | --                                                                          | --                   | --                    | --                    | 669684<br>(34 / 1250) | --                    | --    |
|                                      | C6B(A,H)-X42(C,U)-D                  | 669684           | --                                                                          | --                   | --                    | --                    | 669684<br>(34 / 1250) | --                    | --    |
|                                      | C6B(A,H)-X47(C,U)-C                  | 669852           | --                                                                          | --                   | --                    | --                    | --                    | 669852<br>(36 / 1600) | --    |
|                                      | C6B(A,H)-X48(C,U)-C                  | 669852           | --                                                                          | --                   | --                    | --                    | --                    | 669852<br>(36 / 1600) | --    |
|                                      | C6B(A,H)-X48(C,U)-D                  | 669852           | --                                                                          | --                   | --                    | --                    | --                    | 669852<br>(36 / 1600) | --    |
| C6B(A,H)-X60(C,U)-C                  | 669686                               | --               | --                                                                          | --                   | --                    | --                    | --                    | 669686<br>(36 / 1600) |       |
| C6B(A,H)-X60(C,U)-D                  | 669686                               | --               | --                                                                          | --                   | --                    | --                    | --                    | 669686<br>(36 / 1600) |       |

### NOTES:

- The charges listed are only valid for the standard 15' lineset.
- Numbers listed as 0.\*\*\* are restrictor diameters, while numbers listed as 669\*\*\* are TXV part numbers.

**Table 4. Restrictor or TXV / Charge Addition (Oz) - Continued**

**Instructions:**

1. Find the column for the model of outdoor unit that is being installed.
2. Find the row for the model of the indoor unit that is being installed.
3. Find the cell in the table in which this row and column meet. In this cell the appropriate orifice / TXV and charge addition for this match are listed. If the text in this cell is BOLD, then a change of orifice is necessary.
4. If a change in restrictor is necessary, then the appropriate restrictor will already be supplied with the outdoor unit.

**Examples:**

- For the \*S4BD-030KB / B4VM-X30K-B match, the appropriate TXV is the 669565 and 36 ounces of charge will need to be added. (CHANGE IN CHARGE)
- For the \*S4BD-024KB / B6EMMX24K-B match, the appropriate TXV is the 669564 and no additional charge needs to be added. (NO CHANGES ARE NECESSARY)

| ID RESTRICTOR INSTALLED WITH ID UNIT | MODEL NUMBER: *S4BD-                 |                  | 018KB                                                                       | 024KB                      | 030KB                      | 036KB                        | 042KB                       | 048KB                       | 060KB |
|--------------------------------------|--------------------------------------|------------------|-----------------------------------------------------------------------------|----------------------------|----------------------------|------------------------------|-----------------------------|-----------------------------|-------|
|                                      | ID Restrictor Supplied With OD Unit: |                  | 0.048                                                                       | 0.056                      | 0.060, 0.061               | 0.065, 0.067                 | 0.071, 0.072                | 0.076, 0.077                |       |
|                                      | Outdoor Unit BOM Charge (Oz.)        |                  | 40.4                                                                        | 41                         | 40                         | 41                           | 59                          | 60                          | 69.6  |
|                                      | MODELS                               | SUPPLIED WITH ID | REQUIRED RESTRICTOR OR TXV<br>(CHARGE ADDITION (OZ) / RATED AIRFLOW (SCFM)) |                            |                            |                              |                             |                             |       |
|                                      | C7-0                                 |                  |                                                                             |                            |                            |                              |                             |                             |       |
|                                      | C7B(A,H)M01824(C,U)-A                | 0.048            | 0.048<br>(0 / 605)                                                          | <b>0.056<br/>(0 / 700)</b> | --                         | --                           | --                          | --                          | --    |
|                                      | C7B(A,H)M01824(C,U)-B                | 0.055            | <b>0.048<br/>(0 / 535)</b>                                                  | 0.055<br>(5 / 700)         | --                         | --                           | --                          | --                          | --    |
|                                      | C7B(A,H)M030(C,U)-C                  | 0.061            | --                                                                          | --                         | 0.061<br>(0 / 960)         | --                           | --                          | --                          | --    |
|                                      | C7B(A,H)M03036(C,U)-A                | 0.061            | --                                                                          | --                         | 0.061<br>(0 / 960)         | <b>0.067<br/>(10 / 1055)</b> | --                          | --                          | --    |
|                                      | C7B(A,H)M03036(C,U)-B                | 0.067            | --                                                                          | --                         | <b>0.061<br/>(0 / 960)</b> | 0.067<br>(10 / 1055)         | --                          | --                          | --    |
|                                      | C7B(A,H)M03642(C,U)-B                | 0.071            | --                                                                          | --                         | --                         | <b>0.067<br/>(10 / 1055)</b> | 0.071<br>(7 / 1290)         | --                          | --    |
|                                      | C7B(A,H)M03648(C,U)-C                | 0.067            | --                                                                          | --                         | --                         | 0.067<br>(10 / 1055)         | <b>0.071<br/>(7 / 1290)</b> | <b>0.076<br/>(0 / 1415)</b> | --    |
|                                      | C7B(A,H)M042(C,U)-D                  | 0.071            | --                                                                          | --                         | --                         | --                           | 0.071<br>(7 / 1290)         | --                          | --    |
| C7B(A,H)M048(C,U)-C                  | 0.077                                | --               | --                                                                          | --                         | --                         | --                           | 0.077<br>(6 / 1305)         | --                          |       |
| C7B(A,H)M048(C,U)-D                  | 0.077                                | --               | --                                                                          | --                         | --                         | --                           | 0.077<br>(6 / 1305)         | --                          |       |
| C7B(A,H)M060(C,U)-C                  | 0.083                                | --               | --                                                                          | --                         | --                         | --                           | --                          | 0.083<br>(12 / 1445)        |       |
| C7B(A,H)M060(C,U)-D                  | 0.083                                | --               | --                                                                          | --                         | --                         | --                           | --                          | 0.083<br>(12 / 1445)        |       |

**NOTES:**

- The charges listed are only valid for the standard 15' lineset.
- Numbers listed as 0.\*\*\* are restrictor diameters, while numbers listed as 669\*\*\* are TXV part numbers.

**Table 4. Restrictor or TXV / Charge Addition (Oz) - Continued**

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**7096460** (Replaces 709307C)