

# QUICK REFERENCE DATA

## \*SA(1,2)BF4M Series Residential Split System Air Conditioner

16 SEER

MODEL NUMBER: *SA(1,2)BF4M	1SN24K	1SN30K	1SN36K	1SN42K	1SN48K	2SN60K
REFRIGERANT SUCTION LINE O.D.* NOTE: Liquid line is 3/8" O.D. for entire length.	0-24 ft.	3/4"	3/4"	3/4"	7/8"	7/8"
	25-39 ft.	3/4"	3/4"	7/8" (1)	7/8"	7/8"
	40-75 ft.	3/4"	3/4"	7/8" (1)	7/8"	7/8"
REFRIGERANT CHARGE: (R-410A) in ounces for outdoor unit, indoor unit, and 15' line set (3)	63	63	79	97	105	98

- (1) Requires 7/8" to 3/4" reducer from line to unit.  
 (2) Requires 1-1/8" to 7/8" reducer from line to unit.  
 (3) 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.

\*For other line set dimensions, refer to the Application Guidelines for Refrigerant Lines Addendum.

Table 1. Physical Data

MODEL NUMBER: *SA(1,2)BF4M	1SN24K	1SN30K	1SN36K	1SN42K	1SN48K	2SN60K
OUTDOOR UNIT BOM CHARGE (OZ.)	63	63	79	97	105	98
MODELS	SUPPLIED WITH ID	REQUIRED RESTRICTOR OR TXV (CHARGE ADDITION (OZ) / RATED AIRFLOW (SCFM))				
<b>B6EM</b>						
B6EMMX24K-A	669564	669564 (2 / 835)	--	--	--	--
B6EMMX24K-B	669564	669564 (2 / 835)	--	--	--	--
B6EMMX30K-A	669565	--	669565 (5 / 995)	--	--	--
B6EMMX30K-B	669565	--	669565 (5 / 995)	--	--	--
B6EMMX36K-B	669566	--	--	669566 (2 / 1035)	--	--
B6EMMX48K-C	669852	--	--	--	669852 (-2 / 1200) ‡	669852 (0 / 1500)
<b>B6VMMX</b>						
B6VMMX24K-A	669564	669564 (2 / 835)	--	--	--	--
B6VMMX24K-B	669564	669564 (2 / 835)	--	--	--	--
B6VMMX30K-A	669565	--	669565 (5 / 995)	--	--	--
B6VMMX30K-B	669565	--	669565 (5 / 995)	--	--	--
B6VMMX36K-B	669566	--	--	669566 (2 / 1035)	--	--
B6VMMX48K-C	669568	--	--	--	669568 (-2 / 1200) ‡	669568 (0 / 1500)
B6VMMX60K-C	669578	--	--	--	--	669578 (0 / 1695)
<b>C6</b>						
C6B(A,H)-X60(C,U)-C	669686	--	--	--	--	669686 (23 / 1575)
C6B(A,H)-X60(C,U)-D	669686	--	--	--	--	669686 (23 / 1575)

**NOTES:**

‡ Requires REMOVAL of refrigerant from unit.

THE CHARGE ADDITIONS PROVIDED IN THIS DOCUMENT ARE ESTIMATES BASED ON TEST DATA AND SHOULD ONLY BE A STARTING POINT. AFTER FOLLOWING THESE DIRECTIONS PLEASE ADJUST THE REFRIGERANT AMOUNT BASED ON THE APPROPRIATE CHARGING TABLES OR CHARTS IN THE INSTALLATION INSTRUCTIONS OR CHARGING LABEL.

Table 2. 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 \*SA(1,2)BF4M1SN30K / C7B(A,H)MX30(C,U)-B the TXV is the 669682 and no change in charge is necessary (NO CHANGES NECESSARY).
- For the \*SA(1,2)BF4M2SN60K / C7B(A,H)M060(C,U)-C+TXV the 920673A TXV kit is needed and no change in charge is necessary (TXV KIT).

MODEL NUMBER: *SA(1,2)BF4M		1SN24K	1SN30K	1SN36K	1SN42K	1SN48K	2SN60K
OUTDOOR UNIT BOM CHARGE (OZ.)		63	63	79	97	105	98
MODELS	SUPPLIED WITH ID	REQUIRED RESTRICTOR OR TXV (CHARGE ADDITION (OZ) / RATED AIRFLOW (SCFM))					
<b>C7-X</b>							
C7B(A,H)MX24(C,U)-A	669681	669681 (0 / 845)	--	--	--	--	--
C7B(A,H)MX24(C,U)-B	669681	669681 (0 / 845)	--	--	--	--	--
C7B(A,H)MX30(C,U)-A	669682	--	669682 (0 / 950)	--	--	--	--
C7B(A,H)MX30(C,U)-B	669682	--	669682 (0 / 950)	--	--	--	--
C7B(A,H)MX30(C,U)-C	669682	--	669682 (0 / 950)	--	--	--	--
C7B(A,H)MX36(C,U)-B	669683	--	--	669683 (0 / 1000)	--	--	--
C7B(A,H)MX36(C,U)-C	669683	--	--	669683 (0 / 1000)	--	--	--
C7B(A,H)MX42(C,U)-C	669684	--	--	--	669684 (0 / 1200)	--	--
C7B(A,H)MX48(C,U)-C	669852	--	--	--	--	669852 (0 / 1500)	--
C7B(A,H)MX48(C,U)-D	669852	--	--	--	--	669852 (0 / 1465)	--
C7B(A,H)MX60(C,U)-C	669686	--	--	--	--	--	669686 (0 / 1695)
C7B(A,H)MX60(C,U)-D	669686	--	--	--	--	--	669686 (0 / 1585)
<b>C7+TXV</b>							
C7B(A,H)M01824(C,U)-A+TXV	0.048	<b>920668A</b> (0 / 845)	--	--	--	--	--
C7B(A,H)M01824(C,U)-B+TXV	0.055	<b>920668A</b> (0 / 845)	--	--	--	--	--
C7B(A,H)M030(C,U)-C+TXV	0.061	--	<b>920669A</b> (0 / 950)	--	--	--	--
C7B(A,H)M03036(C,U)-A+TXV	0.061	--	<b>920669A</b> (0 / 950)	--	--	--	--
C7B(A,H)M03036(C,U)-B+TXV	0.067	--	<b>920669A</b> (0 / 950)	--	--	--	--
C7B(A,H)M03642(C,U)-B+TXV	0.071	--	--	<b>920670A</b> (0 / 1310)	--	--	--
C7B(A,H)M03648(C,U)-C+TXV	0.067	--	--	<b>920670A</b> (0 / 1325)	<b>920671A</b> (0 / 1200)	--	--
C7B(A,H)M048(C,U)-C+TXV	0.077	--	--	--	--	<b>920672A</b> (0 / 1500)	--
C7B(A,H)M048(C,U)-D+TXV	0.077	--	--	--	--	<b>920672A</b> (0 / 1465)	--
C7B(A,H)M060(C,U)-C+TXV	0.083	--	--	--	--	--	<b>920673A</b> (0 / 1695)
C7B(A,H)M060(C,U)-D+TXV	0.083	--	--	--	--	--	<b>920673A</b> (0 / 1585)

THE CHARGE ADDITIONS PROVIDED IN THIS DOCUMENT ARE ESTIMATES BASED ON TEST DATA AND SHOULD ONLY BE A STARTING POINT. AFTER FOLLOWING THESE DIRECTIONS PLEASE ADJUST THE REFRIGERANT AMOUNT BASED ON THE APPROPRIATE CHARGING TABLES OR CHARTS IN THE INSTALLATION INSTRUCTIONS OR CHARGING LABEL.

**Table 2. Restrictor or TXV / Charge Addition (Oz) - Continued**

