

# QUICK REFERENCE DATA

## \*SH3BF4M Series Residential Split System Heat Pump

15.2 SEER2

MODEL NUMBER: *SH3BF4M		2SX24K	2SX36K	2SX48K	2SX60K
REFRIGERANT SUCTION LINE O.D* NOTE: Liquid line is 3/8" O.D. for entire length.	0-24 ft.	3/4"	7/8"	7/8"	7/8"
	25-39 ft.	3/4"	7/8"	7/8"	7/8"
	40-75 ft.	3/4"	7/8"	7/8"	1-1/8" (1)
REFRIGERANT CHARGE: (R-410A) in ounces for outdoor unit, indoor unit, and 15' line set (2)		94	101	121	124

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

(2) Additional charge for line sets above 15 feet: (3/8" liquid line and the following suction line size)

(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: *SH3BF4M		2SX24K	2SX36K	2SX48K	2SX60K
OUTDOOR UNIT BOM CHARGE (OZ.)		94	101	121	124
MODELS	SUPPLIED WITH ID	REQUIRED RESTRICTOR OR TXV (CHARGE ADDITION (OZ) / RATED AIRFLOW (SCFM))			
<b>B64VMMX</b>					
B64VMMX24K-A	669564	669564 (0 / 860)	--	--	--
B64VMMX24K-B	669564	669564 (0 / 860)	--	--	--
B64VMMX36K-B	669566	--	669566 (0 / 1230)	--	--
B64VMMX48K-C	669568	--	--	669568 (0 / 1550)	--
B64VMMX60K-C	669578	--	--	--	669578 (0 / 1950)

**NOTES:**

The charges listed are only valid for the standard 15' lineset.

Part numbers beginning with 669\*\*\* are TXV part numbers.

Metering devices with part numbers beginning with 664\*\*\* are fixed orifices.

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:

- Find the column for the model of outdoor unit that is being installed.
- Find the row for the model of the indoor unit that is being installed.
- 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.
- If a change in restrictor is necessary, then the appropriate restrictor will already be supplied with the outdoor unit.

Examples:

- For the \*SH3BF4M2SX24K / C74B(A,H)M02430(C,U)-A+TXV match the 920668A TXV kit is needed and no additional refrigerant needs to be added (TXV KIT).
- For the \*SH3BF4M2SX60K / C74B(A,H)MX60(C,U)-C match the correct TXV is 669686 and no additional refrigerant needs to be added. (NO CHANGES NECESSARY).

MODEL NUMBER: *SH3BF4M		2SX24K	2SX36K	2SX48K	2SX60K
OUTDOOR UNIT BOM CHARGE (OZ.)		94	101	121	124
MODELS	SUPPLIED WITH ID	REQUIRED RESTRICTOR OR TXV (CHARGE ADDITION (OZ) / RATED AIRFLOW (SCFM))			
<b>C74B-0 + TXV</b>					
C74B(A,H)M02430(C,U)-A+TXV	664053	920668A (0 / 800)	--	--	--
C74B(A,H)M02430(C,U)-B+TXV	664053	920668A (0 / 800)	--	--	--
C74B(A,H)M03642(C,U)-B+TXV	664068	920670A (0 / 800)	920670A (0 / 1050)	--	--
C74B(A,H)M03642(C,U)-C+TXV	664068	--	920670A (0 / 1050)	--	--
C74B(A,H)M048(C,U)-C+TXV	664077	--	--	920672A (0 / 1600)	--
C74B(A,H)M048(C,U)-D+TXV	664077	--	--	920672A (0 / 1600)	--
<b>C74B-X</b>					
C74B(A,H)MX24C-B	669681	669681 (0 / 800)	--	--	--
C74B(A,H)MX30C-A	669681	669681 (0 / 800)	--	--	--
C74B(A,H)MX36C-B	669683	669683 (0 / 800)	669683 (0 / 1050)	--	--
C74B(A,H)MX36C-C	669683	--	669683 (0 / 1050)	--	--
C74B(A,H)MX48C-C	669852	--	--	669852 (0 / 1600)	--
C74B(A,H)MX48C-D	669852	--	--	669852 (0 / 1600)	--
C74B(A,H)MX60C-C	669686	--	--	--	669686 (0 / 1600)
C74B(A,H)MX60C-D	669686	--	--	--	669686 (0 / 1600)

**NOTES:**

The charges listed are only valid for the standard 15' lineset.

Part numbers beginning with 669\*\*\* are TXV part numbers.

Metering devices with part numbers beginning with 664\*\*\* are fixed orifices. The final 3 numbers are the orifice size.

For example, 664053 is a 0.053" fixed orifice.

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

