

QUICK REFERENCE DATA

*SA3ME4M Series Split System Air Conditioner for Manufactured Housing

14.3 SEER2

MODEL NUMBER: SA3ME4M		1RN24K	1RN30K	1SN36K	1SN42K	1SN48K
RECOMMENDED 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 & 20' Lineset. (2)		68	74	69	84	83

- (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 20 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. Physical Data

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

MODEL NUMBER: *SA3ME4M		1RN24K	1RN30K	1SN36K	1SN42K	1SN48K
OUTDOOR UNIT BOM CHARGE (OZ.)		68	74	69	84	83
MODELS	SUPPLIED WITH ID	REQUIRED RESTRICTOR OR TXV (CHARGE ADDITION (OZ) / RATED AIRFLOW (SCFM))				
C84-X						
C84DAMX24U-B	669564	669564 (0 / 800)	--	--	--	--
C84DAMX30U-B	669565	--	669565 (0 / 1005)	--	--	--
C84DAMX36U-B	669566	--	--	669566 (0 / 1180)	--	--
C84DAMX42U-B	669567	--	--	--	669567 (0 / 1230)	--
C84DAMX48U-B	669568	--	--	--	--	669568 (0 / 1410)

NOTES:

- The charges listed are only valid for the standard 20' lineset.
- Numbers listed as 0.*** are restrictor diameters, while numbers listed as 669*** are TXV part numbers.

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.

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 *SA3ME4M1RN24K / C84DAMX24U-B match the appropriate TXV is 669564 and no additional charge needs to be added. (NO CHANGES NECESSARY).
- For the *SA3ME4M1SN36K / C84DAMX36U-B match the appropriate TXV is 669566 and no additional charge needs to be added. (NO CHANGES NECESSARY).

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

