

QUICK REFERENCE DATA

*SA3QD4M Series Split System Air Conditioner with Quick Connect Couplings 13.4 SEER2

MODEL NUMBER: *SA3QD4M		1RN24K	1RN30K	1SN36K	1SN42K	1SN48K
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		64	69	62	68	70

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

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

Table 1. Physical Data

MODEL NUMBER: *SA3QD4M		1RN24K	1RN30K	1SN36K	1SN42K	1SN48K
TOTAL SYSTEM CHARGE (OZ)		64	69	62	68	70
MODELS	SUPPLIED WITH ID	REQUIRED RESTRICTOR OR TXV (CHARGE ADDITION (OZ) / RATED AIRFLOW (SCFM))				
C84-X						
C84QAMX24U-B	669564	669564 (0 / 850)	--	--	--	--
C84QAMX30U-B	669565	--	669565 (0 / 1000)	--	--	--
C84QAMX36U-B	669566	--	--	669566 (0 / 1165)	--	--
C84QAMX42U-B	669567	--	--	--	669567 (0 / 1220)	--
C84QAMX48U-B	669568	--	--	--	--	669568 (0 / 1400)

NOTES:

- The charges listed are only valid for the standard 15' lineset.
- Part numbers beginning with 669***are TXV part numbers and numbers listed as 0.*** are restrictor diameters.

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. REQUIRED RESTRICTOR OR TXV
(CHARGE ADDITION (OZ) / RATED AIRFLOW -SCFM)**

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 *SA3QD4M1RN30K / C84QAMX30U-B match the appropriate TXV is the 669565 and no additional refrigerant need to be added (NO CHANGES NECESSARY).
- For the *SA3QD4M1SN36K / C84QAMX36U-B match the appropriate TXV is the 669566 and no additional refrigerant need to be added (NO CHANGES NECESSARY).

