

QUICK REFERENCE DATA

*SA1QE4M1S Series Split System Air Conditioner with Quick Connect Couplings 14 SEER

MODEL NUMBER: *SA1QE4M		1SN24K	1SN30K	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, & 15' Lineset		58.0	66.0	69.0	98.0	96.0

(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: *SA1QE4M		1SN24K	1SN30K	1SN36K	1SN42K	1SN48K
OUTDOOR UNIT BOM CHARGE (OZ.)		58	66	69	98	96
MODELS	SUPPLIED WITH ID	REQUIRED RESTRICTOR OR TXV (CHARGE ADDITION (OZ) / RATED AIRFLOW - SCFM)				
C8-X						
C8QAMX24U-B	669564	669564 (0 / 845)	--	--	--	--
C8QAMX30U-B	669565	--	669565 (0 / 945)	--	--	--
C8QAMX36U-B	669566	--	--	669566 (0 / 1200)	--	--
C8+TXV						
CM4Q-G42U	TXV	--	--	--	TXV (0 / 1400)	--
CM4Q-R42U	TXV	--	--	--	TXV (0 / 1400)	--
CM4Q-G48U	TXV	--	--	--	--	TXV (0 / 1430)
CM4Q-L48U	TXV	--	--	--	--	TXV (4 / 1430)
CM4Q-W60U	TXV	--	--	--	--	--
CM4Q-L60U	TXV	--	--	--	--	--

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 *SA1QE4M1SN24K / C8QAMX24U-B match the correct TXV is the 669564 and no additional charge needs to be added. (NO CHANGES NECESSARY)
- For the *SA1QE4M1SN48K / CM4Q-G48U match the correct TXV is supplied with the indoor coil and no additional charge needs to be added. (NO CHANGES NECESSARY)

