

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)

