

QUICK REFERENCE DATA

GSA2QE4M1S Series Split System Air Conditioner with Quick Connect Couplings 14 SEER

MODEL NUMBER: GSA2QE4M		1RN24K	1RN30K	1RN36K	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		69	73	83	98	96

(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: GSA2QE4M		1RN24K	1RN30K	1RN36K	1SN42K	1SN48K
TOTAL SYSTEM CHARGE (OZ)		69	73	83	98	96
MODELS	SUPPLIED WITH ID	REQUIRED RESTRICTOR OR TXV (CHARGE ADDITION (OZ) / RATED AIRFLOW (SCFM))				
C8-X						
C8QAMX24U-B	669564	669564 (0 / 780)	--	--	--	--
C8QAMX30U-B	669565	--	669565 (0 / 1000)	--	--	--
C8QAMX36U-B	669566	--	--	669566 (0 / 1220)	--	--
CM4Q						
CM4Q-G42U	TXV	--	--	--	TXV (0 / 1400)	--
CM4Q-R42U	TXV	--	--	--	TXV (0 / 1400)	--
CM4Q-G48U	TXV	--	--	--	--	TXV (0 / 1430)
CM4Q-L48U	TXV	--	--	--	--	TXV (4 / 1430)

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 GSA2QE4M1RN30K / C8QAMX30U-B match the appropriate TXV is the 669565 and no additional refrigerant need to be added (NO CHANGES NECESSARY).
- For the GSA2QE4M1SN36K / C8QAMX36U-B match the appropriate TXV is the 669566 and no additional refrigerant need to be added (NO CHANGES NECESSARY).

