

QUICK REFERENCE DATA

GSA2QD4M SERIES SPLIT SYSTEM AIR CONDITIONER WITH QUICK CONNECT COUPLINGS

13 SEER

MODEL NUMBER GSA2QD4M		1SN24KA	1RN30KA	1RN36KA	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.		52	61	78	81	76

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

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

Table 1. Physical Data

MODEL NUMBER: GSA2QD4M		1SN24KA	1RN30KA	1RN36KA	1SN42K	1SN48K
TOTAL SYSTEM CHARGE (OZ.)		52	61	78	81	76
MODELS	SUPPLIED WITH ID	REQUIRED RESTRICTOR OR TXV (CHARGE ADDITION (OZ) / RATED AIRFLOW (SCFM))				
C8						
C8QAM024U-B	664055	664055 (0 / 690)	--	--	--	--
C8QAM030U-B	664061	--	664061 (0 / 1000)	--	--	--
C8QAM036U-B	664067	--	--	664067 (0 / 1100)	--	--
CM4						
CM4Q-53U	TXV	--	--	--	TXV (0 / 1250)	--
CM4Q-54U	TXV	--	--	--	--	TXV (0 / 1450)
CM4Q-55U	TXV	--	--	--	--	TXV (10 / 1500)

NOTES:

- Metering devices with part numbers beginning with 664*** are fixed orifices. The final 3 numbers are the orifice size. For example, 664055 is a 0.055" fixed orifice.

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. Restrictor or TXV / Charge Addition (Oz)

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 GSA2QD4M1RN30KA / C8QAM030U-B match the appropriate restrictor is the 0.061" and no additional refrigerant needs to be added. (CHANGE IN RESTRICTOR).
- For the GSA2QD4M1RN48K / CM4Q-55U match the appropriate TXV will come installed with the indoor coil and 10 ounces of refrigerant should be added. (CHANGE IN CHARGE).

