

QUICK REFERENCE DATA

GSA2BE4M Series Split System Air Conditioner for Manufactured Housing

14 SEER

MODEL NUMBER: GSA2BE4M		1SN24K	1RN30K	1RN36K	1SN42K	1SN48K
RECOMMENDED 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 & 20' Lineset. (2)		61	76	86	101	99

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

(2) Requires 1-1/8" to 7/8" reducer from line to unit

(3) Additional charge for line sets above 20 feet. Values based on suction line as follows with 3/8" liquid line.

(a) 3/4" = 0.6 oz. per additional foot.

(b) 7/8" = 0.7 oz. per additional foot.

(c) 1 1/8" = 0.8 oz. per additional foot.

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

Table 1. Physical Data

MODEL NUMBER: GSA2BE4M		1SN24K	1RN30K	1RN36K	1SN42K	1SN48K
OUTDOOR UNIT BOM CHARGE (OZ.)		61	76	86	101	99
MODELS	SUPPLIED WITH ID	REQUIRED RESTRICTOR OR TXV (CHARGE ADDITION (OZ) / RATED AIRFLOW (SCFM))				
C8-X						
C8(B,D)AMX24U-B	669564	669564 (0 / 700)	--	--	--	--
C8(B,D)AMX30U-B	669565	--	669565 (0 / 1000)	--	--	--
C8(B,D)AMX36U-B	669566	--	--	669566 (0 / 1220)	--	--
C8+TXV						
C8(B,D)AM01830U-B+TXV	664061	920668A (0 / 700)	920669A (0 / 1000)	--	--	--
C8(B,D)AM036U-B+TXV	664067	--	--	920670A (0 / 1220)	--	--
CM4B						
CM4B-R42U	TXV	--	--	--	TXV (0 / 1210)	--
CM4B-G42U	TXV	--	--	--	TXV (0 / 1210)	--
CM4B-L48U	TXV	--	--	--	--	TXV (0 / 1430)
CM4B-G48U	TXV	--	--	--	--	TXV (4 / 1430)

NOTES:

- The charges listed are only valid for the standard 20' lineset.
- 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 GSA2BE4M1RN30K / C8(B,D)A01830U-B+TXV match the 920669A TXV Kit is needed and no additional charge needs to be added. (TXV KIT).
- For the GSA2BE4M1RN36K / C8(B,D)AMX36U-B match the appropriate TXV is 669566 and no additional charge needs to be added. (NO CHANGES NECESSARY).

