

QUICK REFERENCE DATA

GSA2BE4M Series Split System Air Conditioner for Manufactured Housing

14 SEER

MODEL NUMBER: GSA2BE4M		1RN24K	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)		72	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		1RN24K	1RN30K	1RN36K	1SN42K	1SN48K
OUTDOOR UNIT BOM CHARGE (OZ.)		72	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 / 780)	--	--	--	--
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	0.061	920668A (0 / 780)	920669A (0 / 1000)	--	--	--
C8(B,D)AM036U-B+TXV	0.067	--	--	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.
- Numbers listed as 0.*** are restrictor diameters, while numbers listed as 669*** are TXV part numbers.

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.

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).

Table 2. Restrictor or TXV / Charge Addition (Oz)

