

# QUICK REFERENCE DATA

## GSH2QE4M SERIES SPLIT SYSTEM HEAT PUMP WITH MICROCHANNEL COILS AND QUICK CONNECT COUPLINGS

14 SEER

MODEL NUMBER: GSH2QE4M		1RP24K	1RP30K	1SP36K	1SP42K	1SP48K
<b>Recommended Refrigerant suction line O.D*</b> <b>NOTE:</b> Liquid line is 3/8" O.D. for entire length.	0-24 ft.	3/4"	3/4"	7/8"	7/8"	7/8"
	25-39 ft.	3/4"	3/4"	7/8"	7/8"	7/8"
	40-75 ft.	3/4"	3/4"	7/8"	7/8"	7/8"
<b>REFRIGERANT CHARGE:</b> R-410A in ounces for outdoor unit, indoor unit and 15' line set.		101	109	107	120	118

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

**Table 1. Physical Data**

MODEL NUMBER: GSH2QE4M		1RP24K	1RP30K	1SP36K	1SP42K	1SP48K
<b>OD RESTRICTOR INSTALLED IN OD UNIT:</b>		<b>0.043</b>	<b>0.049</b>	<b>0.055</b>	<b>0.057</b>	<b>0.060</b>
<b>TOTAL SYSTEM CHARGE (OZ.):</b>		<b>101</b>	<b>109</b>	<b>107</b>	<b>120</b>	<b>118</b>
MODELS	SUPPLIED WITH ID	REQUIRED RESTRICTOR OR TXV (CHARGE ADDITION (OZ) / RATED AIRFLOW (SCFM))				
<b>C8-X</b>						
C8QAMX24U-B	669564	669564 (0 / 850)	--	--	--	--
C8QAMX30U-B	669565	--	669565 (0 / 1010)	--	--	--
C8QAMX36U-B	669566	--	--	669566 (0 / 1200)	--	--
C8QAMX42U-B	669567	--	--	--	669567 (0 / 1355)	--
C8QAMX49U-B	669568	--	--	--	--	669568 (0 / 1460)

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:**

1. Find the column for the model of outdoor unit that is being installed.
2. Find the row for the model of the indoor unit that is being installed.
3. 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.
4. If a change in restrictor is necessary, then the appropriate restrictor will already be supplied with the outdoor unit.

**Examples:**

- For the GSH2QE4M1RP30K / C8QAMX30U-B the correct TXV is the 669565 and no change in charge is necessary (NO CHANGES NECESSARY).
- For the GSH2QE4M1SP48K / C8QAMX49U-B the correct TXV is the 669568 and no change in charge is necessary (NO CHANGES NECESSARY).

