

QUICK REFERENCE DATA

WSH2BE4M Series Residential Split System Heat Pump

14 SEER

| MODEL NUMBER: WSH2BE4M | | 1SP36(C,D) | 1SP48(C,D) | 1SP60(C,D) |
|---|-----------|------------|------------|------------|
| REFRIGERANT SUCTION LINE O.D.* NOTE: Liquid line is 3/8" O.D. for entire length. | 0-24 ft. | 7/8" | 7/8" | 7/8" |
| | 25-39 ft. | 7/8" | 7/8" | 1-1/8" (1) |
| | 40-75 ft. | 7/8" | 7/8" | 1-1/8" (1) |
| REFRIGERANT CHARGE: (R-410A) in ounces for outdoor unit, indoor unit, and 15' line set (2) | | 105 | 123 | 120 |

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

(2) Additional charge for line sets above 15 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: WSH2BE4M | | 1SP36(C,D) | 1SP48(C,D) | 1SP60(C,D) |
|-------------------------------------|------------------|---|----------------------|----------------------|
| OD RESTRICTOR INSTALLED IN OD UNIT: | | 0.055 | 0.062 | 0.072 |
| OUTDOOR UNIT BOM CHARGE (OZ.) | | 105 | 123 | 120 |
| MODELS | SUPPLIED WITH ID | REQUIRED RESTRICTOR OR TXV (CHARGE ADDITION (OZ) / RATED AIRFLOW (SCFM)) | | |
| B6BMMX | | | | |
| B6BMMX60K-C | 669578 | -- | 669578 (0 / 1600) | 669578 (0 / 1600) |
| B6EM | | | | |
| B6EMMX36K-B | 669566 | 669566 (0 / 1270) | -- | -- |
| C7-X | | | | |
| C7B(A,H)MX36(C,U)-B | 669683 | 669683 (11 / 1140) | -- | -- |
| C7B(A,H)MX48(C,U)-C | 669852 | -- | 669852 (0 / 1600) | -- |
| C7B(A,H)MX48(C,U)-D | 669852 | -- | 669852 (0 / 1600) | -- |
| C7B(A,H)MX60(C,U)-C | 669686 | -- | -- | 669686 (0 / 1600) |

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 WSH2BE4M1SP36(C,D) / C7B(A,H)MX36(C,U)-B match the correct TXV is the 669683 and 11 ounces of refrigerant must be added (CHARGE CHANGE).
- For the WSH2BE4M1SP60(C,D) / B6BMMX60K-C match the correct TXV is the 669578 and no additional refrigerant needs to be added (NO CHANGES NECESSARY).

