

QUICK REFERENCE DATA

WSA2BD4M Series Residential Split System Air Conditioner

13 SEER

MODEL NUMBER: WSA2BD4M		1SN36(C,D)	1SN48(C,D)	1SN60(C,D)
REFRIGERANT SUCTION LINE O.D.* NOTE: Liquid line is 3/8" O.D. for entire length.	0-24 ft.	3/4"	7/8"	7/8"
	25-39 ft.	7/8" (1)	7/8"	1-1/8" (2)
	40-75 ft.	7/8" (1)	7/8"	1-1/8" (2)
REFRIGERANT CHARGE: (R-410A) in ounces for outdoor unit, indoor unit, and 15' line set (3)		66	84	78

(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 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

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 WSA2BD4M1SN36(C,D) / C7B(A,H)M03642(C,U)-B match the restrictor needs to be changed to a 0.067" and no additional charge needs to be added (CHANGE IN RESTRICTOR).
- For the WSA2BD4M1SN60(C,D) / B6BMM060K-C match the correct restrictor is the 0.087" and no additional charge needs to be added (NO CHANGES REQUIRED).

MODEL NUMBER: WSA2BD4M		1SN36(C,D)	1SN48(C,D)	1SN60(C,D)
ID RESTRICTOR SUPPLIED WITH OD UNIT:		0.067	0.080	0.085
OUTDOOR UNIT BOM CHARGE (OZ.):		66	84	78
MODELS	SUPPLIED WITH ID	REQUIRED RESTRICTOR OR TXV (CHARGE ADDITION (OZ) / RATED AIRFLOW (SCFM))		
B6BMM0				
B6BMM036K-B	0.067	0.067 (0 / 1210)	--	--
B6BMM048K-C	0.079	--	0.079 (-5 / 1625) ‡	--
B6BMM060K-C	0.087	--	--	0.087 (0 / 1595)
C6				
C6B(A,H)-X60(C,U)-C	669686	--	--	669686 (22 / 1420)
C7-0				
C7B(A,H)M03642(C,U)-B	0.071	0.067 (0 / 1150)	--	--
C7B(A,H)M03648(C,U)-C	0.067	0.067 (0 / 1150)	0.080 (0 / 1360)	--
C7B(A,H)M060(C,U)-C	0.083	--	--	0.085 (0 / 1500)
C7B(A,H)M060(C,U)-D	0.083	--	--	0.085 (0 / 1500)

NOTES:

‡ Requires REMOVAL of refrigerant from unit.

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 WSA2BD4M1SN36(C,D) / C7B(A,H)M03642(C,U)-B match the restrictor needs to be changed to a 0.067" and no additional charge needs to be added (CHANGE IN RESTRICTOR).
- For the WSA2BD4M1SN60(C,D) / B6BMM060K-C match the correct restrictor is the 0.087" and no additional charge needs to be added (NO CHANGES REQUIRED).

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OUTDOOR UNIT BOM CHARGE (OZ.):		66	84	78
MODELS	SUPPLIED WITH ID	REQUIRED RESTRICTOR OR TXV (CHARGE ADDITION (OZ) / RATED AIRFLOW (SCFM))		
C7-X				
C7B(A,H)MX36(C,U)-C	669683	669683 (-11 / 1100) ‡	--	--
C7B(A,H)MX48(C,U)-C	669852	--	669852 (-16 / 1400) ‡	--
C7B(A,H)MX48(C,U)-D	669852	--	669852 (-16 / 1400) ‡	--
C7B(A,H)MX60(C,U)-C	669686	--	--	669686 (0 / 1695)
C7B(A,H)MX60(C,U)-D	669686	--	--	669686 (0 / 1695)

NOTES:

‡ Requires **REMOVAL** of refrigerant from unit.

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. Continued

