

QUICK REFERENCE DATA

JS4BD Series Residential Split System Air Conditioner

MODEL NUMBER: JS4BD-			036CB	048CB	060CB	036DB	048DB	060DB
Electrical Data	Volts-Cycles-Phase (1)		200/230-60-3			460-60-3		
	Total Amps		11.8	15.2	17.4	6.5	6.9	8.4
	Delay Fuse Max. (2)		20	30	35	15	15	15
	Min. Circuit Ampacity		14.4	18.6	21.4	7.9	8.5	10.4
Component Data	Coil	Area	10.0	17.9	17.9	10.0	17.9	17.9
		Rows-FPI	1-23	1-23	1-23	1-23	1-23	1-23
		Tube Dia	MC					
	Fan Motor	Type	PSC					
		Amps	1.4	1.5	1.5	0.7	0.7	0.7
		HP	0.25	0.25	0.25	0.25	0.25	0.25
	Compressor Data	RLA	10.4	13.7	15.9	5.8	6.2	7.7
		LRA	73.0	83.1	110.0	38.0	41.0	52.0
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"	3/4"	7/8"	7/8"
		25-39 ft.	7/8" (3)	7/8"	1-1/8" (4)	7/8" (3)	7/8"	1-1/8" (4)
		40-75 ft.	7/8" (3)	7/8"	1-1/8" (4)	7/8" (3)	7/8"	1-1/8" (4)
REFRIGERANT CHARGE R-410A in ounces for outdoor unit & 15' Lineset. (5)			61.0	75.0	75.0	61.0	75.0	75.0
APPROXIMATE WEIGHT (LBS.)		Net	109	160	162	109	160	162
		Ship	115	169	171	115	169	171

- (1) Operating Voltage Range: 187v min. — 253v max.
 (2) HACR Type Circuit Breakers may be used.
 (3) Requires 7/8" to 3/4" reducer from line to unit.
 (4) Requires 7/8" to 1-1/8" reducer from line to unit.
 (5) 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.

Table 1. Electrical Specifications & Physical Data

THERMOSTAT WIRE GAUGE	RECOMMENDED T-STAT WIRE UNIT TO T-STAT (LENGTH IN FT)	
	2-WIRE (HEATING)	5-WIRE (HEATING/COOLING)
24	55	25
22	90	45
20	140	70
18	225	110

Table 2. Thermostat Wire Gauge

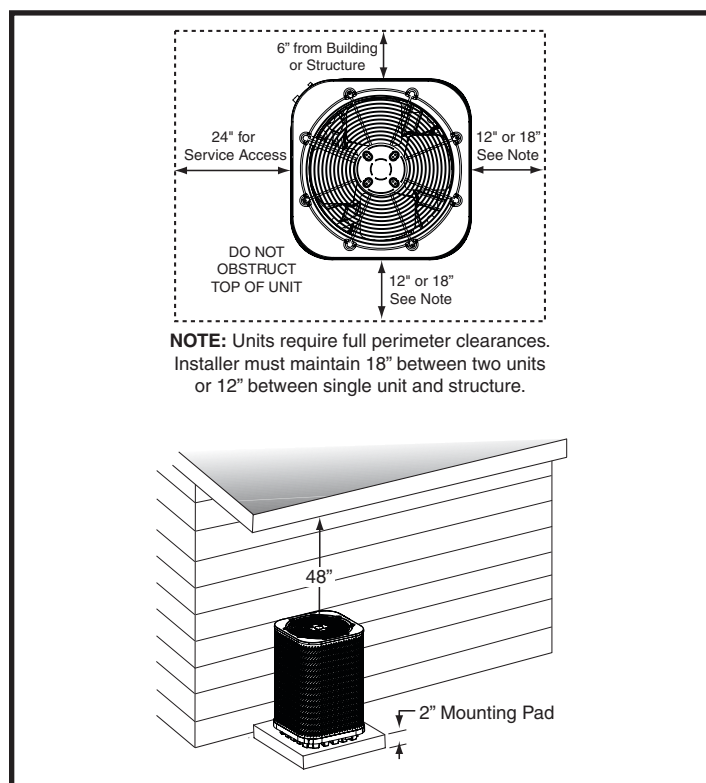


Figure 1. Clearance Requirements

MODEL NUMBER	HEIGHT (H)	WIDTH (W)	DEPTH (D)
JS4BD-036CB	27 1/2"	22 3/4"	22 3/4"
JS4BD-048CB	31 1/2"	30 3/4"	30 3/4"
JS4BD-060CB	31 1/2"	30 3/4"	30 3/4"
JS4BD-036DB	27 1/2"	22 3/4"	22 3/4"
JS4BD-048DB	31 1/2"	30 3/4"	30 3/4"
JS4BD-060DB	31 1/2"	30 3/4"	30 3/4"

Table 3. Unit Dimensions

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 JS4BD-048(C,D)B / B6BMM036K-B match the appropriate restrictor is the 0.067" and no additional charge needs to be added. (NO CHANGES NECESSARY)
- For the JS4BD-048(C,D)B / C7B(A,H)M03648(C,U)-B match the appropriate restrictor is the 0.080" and 5 ounces of charge will need to be added. (CHANGE IN RESTRICTOR AND CHARGE)

ID RESTRICTOR INSTALLED WITH ID UNIT	MODEL NUMBER:S4BD-0**(C,D)B		36	48	60
	ID RESTRICTOR SUPPLIED WITH OD UNIT:		0.067	0.080	0.085
	OUTDOOR UNIT BOM CHARGE (OZ.)		61	75	75
	MODELS	SUPPLIED WITH ID	REQUIRED RESTRICTOR OR TXV (RECOMMENDED CHARGE (OZ) / RATED AIRFLOW (SCFM))		
	B6BMM0				
	B6BMM036K-B	0.067	0.067 (0 / 1210)	--	--
	B6BMM048K-C	0.079	--	0.079 (0 / 1625)	--
	B6BMM060K-C	0.087	--	--	0.087 (0 / 1595)
	C6				
	C6B(A,H)-X60(C,U)-C	669686	--	--	669686 (21 / 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	--	0.080 (5 / 1360)	--
	C7B(A,H)M060(C,U)-C	0.083	--	--	0.085 (0 / 1505)
C7B(A,H)M060(C,U)-D	0.083	--	--	0.085 (0 / 1505)	

NOTES:

- The charges listed are only valid for the standard 15' lineset.
- Numbers listed as 0.*** are restrictor diameters, while numbers listed as 669*** are TXV part numbers.

Table 4. Restrictor or TXV / Charge Addition (Oz) - Continued