

QUICK REFERENCE DATA

JS4QE-KB & JS6QF Series - Residential Split System Air Conditioner

MODEL NUMBERS:			JS4QE-024KB	JS4QE-030KB	JS4QE-036KA	JS6QF-042K	JS6QF-048K
Electrical Data	Volts-Cycles-Phase (1)		208/230-60-1				
	Total Amps		9.0	10.8	15.1	19.4	22.4
	Delay Fuse Max. (2)		15	20	30	40	45
	Min. Circuit Ampacity		11.1	13.3	18.6	23.9	27.4
Condenser Data	Coil	Area	11.7	15.2	20.3	25.3	25.3
		Rows-FPI	1-23	1-18	1-18	1-23	1-23
		Tube Dia	Micro-Channel				
	Fan Motor	Type	PSC				BLDC
		Amps	0.7	0.9	1.0	1.5	2.6
		HP	0.10	0.13	0.20	0.25	0.33
	Compressor Data	RLA	8.3	9.9	14.1	17.9	19.8
		LRA	50.0	69.0	77.0	112.0	109.0
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" (3)	7/8"	7/8"
		40-75 ft.	3/4"	3/4"	7/8" (3)	7/8"	7/8"
Refrigerant charge: R-410A in ounces for outdoor unit, indoor unit, & 15' Lineset			64.0	67.0	58.0	91.0	94.0
APPROXIMATE WEIGHT (LBS.)		Net	131	137	146	208	218
		Ship	138	145	155	217	227

- (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 unit to line.
 NOTE: Weights shaded in gray signify preliminary data.

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

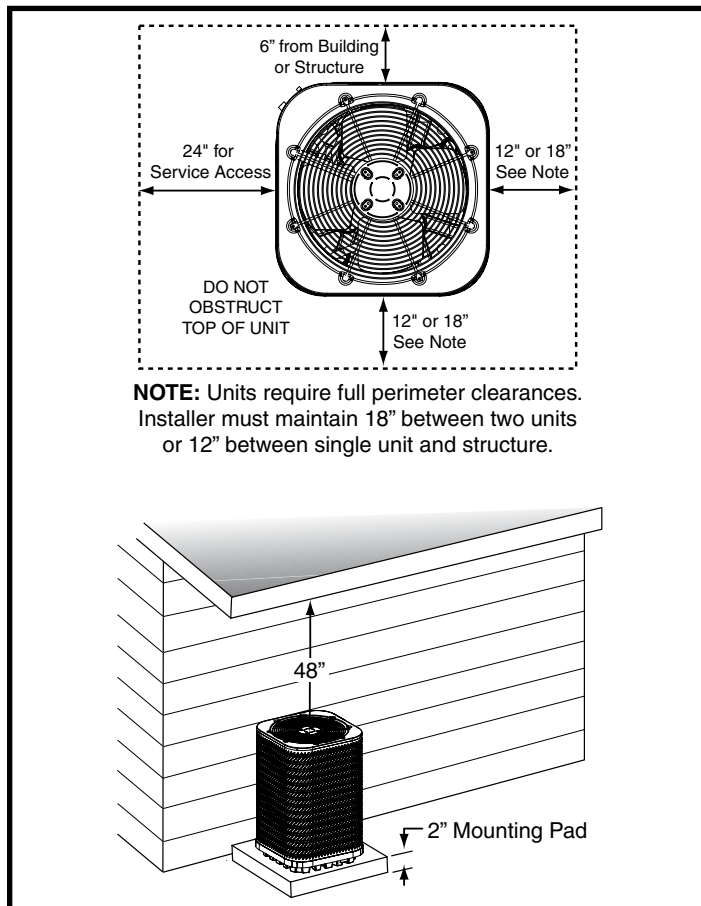


Figure 1. Clearance Requirements

MODEL NUMBER	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	

MODEL NUMBER	HEIGHT (H)	WIDTH (W)	DEPTH (D)
JS4QE-024KB	31 1/2"	22 3/4"	22 3/4"
JS4QE-030KB	27 1/2"	30 3/4"	30 3/4"
JS4QE-036KA	35 1/2"	30 3/4"	30 3/4"
JS6QF-042K	43"	30 3/4"	30 3/4"
JS6QF-048K	43"	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 JS4QE-024KB / C8QAMX24U-B match the correct TXV is the 669681 and no additional charge needs to be added (NO CHANGES NECESSARY).
- For the JS6QF-042K / C8QAMX42U-B match the correct TXV is the 669684 and no additional charge needs to be added (NO CHANGES NECESSARY).

ID RESTRICTOR INSTALLED WITH ID UNIT	MODEL NUMBERS:		JS4QE-024KB	JS4QE-030KB	JS4QE-036KA	JS6QF-042K	JS6QF-048K
	TOTAL SYSTEM CHARGE (OZ.)		64	67	58	91	94
	MODELS	SUPPLIED WITH ID	REQUIRED RESTRICTOR OR TXV (CHARGE ADDITION (OZ) / RATED AIRFLOW - SCFM)				
	C8-X						
	C8QAMX24U-B	669564	669564 (0 / 780)	--	--	--	--
	C8QAMX30U-B	669565	--	669565 (0 / 1000)	--	--	--
	C8QAMX36U-B	669566	--	--	669566 (0 / 1200)	--	--
	C8QAMX42U-B	669684	--	--	--	669684 (0 / 1250)	--
	C8QAMX48U-B	669684	--	--	--	--	669684 (0 / 1440)

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)