QUICK REFERENCE DATA

*SH1BG4CVRX SERIES RESIDENTIAL SPLIT SYSTEM HEAT PUMP — 18 SEER

MODEL NUMBER: *SH1BG4CVRX			24K	36K	48K	60K
ELECTRICAL DATA	Volts-Cycles-Phase (1)		208/230-60-1			
	Total Amps		13.1	17.5	23.5	31.2
	Delay Fuse Max. (2)		25	35	45	60
	Min. Circuit Ampacity		15.8	21.2	28.7	38
	Field Control Wiring Connections (24 vac from thermostat/indoor side)		R, C, Y1, Y2, O, W2, (L)			
CONDENSER DATA	Coil	Area (ft^2)	20.3	22.8	22.8	25.3
		Rows - FPI	1-18	1-20	2-16	2-16
		Tube Dia.	3/8" OD	3/8" OD	3/8" OD	3/8" OD
	Fan Motor	Type	Brushless DC			
		Amps	2.6	2.6	2.6	3.8
		HP	1/3	1/3	1/3	1/2
	Compressor Data	RLA	10.5	14.9	20.9	27.4
		LRA	N/A	N/A	N/A	N/A
	Service Valves	Liquid Side	3/8"	3/8"	3/8"	3/8"
		Vapor Side	3/4"	7/8"	7/8"	7/8"
Recommended Refrigerant suction line O.D* **NOTE:** Liquid line is 3/8" O.D. for entire length.		0 - 24 ft. equiv.	3/4"	7/8"	7/8"	7/8"
		25 - 39 ft. equiv.	3/4"	7/8"	1-1/8"	1-1/8"
		40 - 75 ft. equiv.	7/8"	1-1/8"	1-1/8"	1-1/8"
		75 - 100 ft. equiv.	1-1/8"	1-1/8"	1-1/8"	1-1/8"
Refrigerant charge: (R-410A) in ounces for outdoor unit, indoor unit and 15' line set. (3)			188	184	282	282
Weight Approximate (lbs.)		As shipped	DATA UNAVAILABLE AT TIME OF PRINT			
		Net	DATA UNAVAILABLE AT TIME OF PRINT			

(1) Operating Voltage Range: 187v min. — 253v max.
(2) HACR Type Circuit Breakers may be used.
(3) Additional charge required for line sets above 15 feet. Values based on vapor 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

WIRE GAUGE	RECOMMENDED MAXIMUM WIRE LENGTH (FT) FROM UNIT TO THERMOSTAT
22	45
20	70
18	115
16	180

Table 2. Control Wiring (24V)

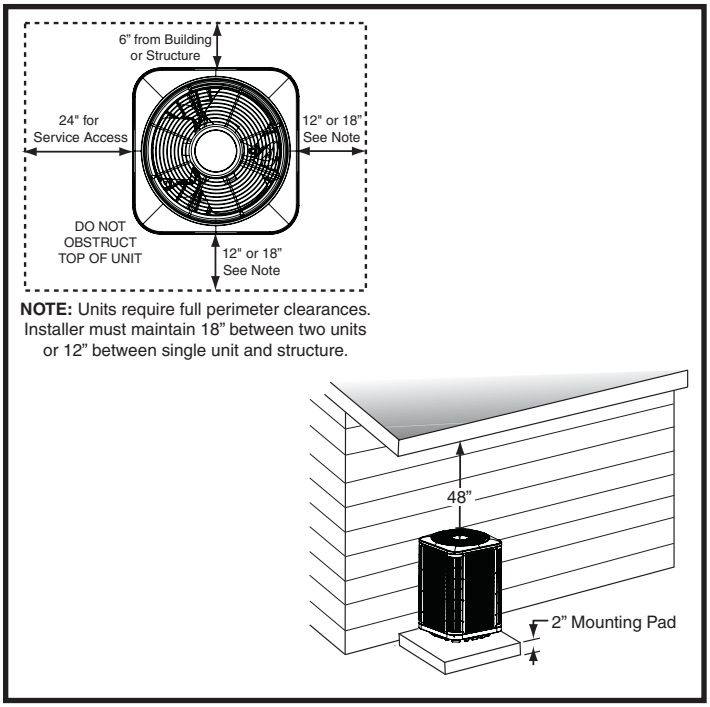
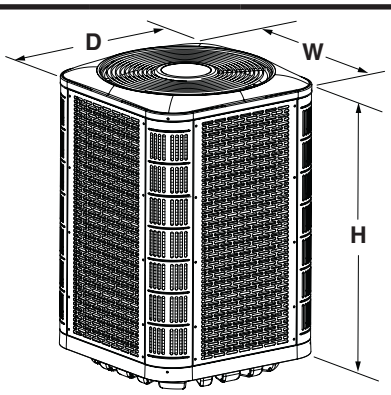


Figure 1. Clearance Requirements



MODEL NUMBER	HEIGHT (H)	WIDTH (W)	DEPTH (D)
*SH1BG4CVRX24K	37 1/4"	31 3/4"	31 3/4"
*SH1BG4CVRX36K	41 1/4"	31 3/4"	31 3/4"
*SH1BG4CVRX48K	41 1/4"	31 3/4"	31 3/4"
*SH1BG4CVRX60K	45 1/4"	31 3/4"	31 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 *SH1BG4CVRX24K / B6VMAX24K-B match, the correct TXV is the 669564 and no additional charge needs to be added (NO CHANGES NECESSARY).*
- *For the SH1BG4CVRX48K / C6BA-F60(C,U)-C + TXV match, the correct TXV is the 920672A and no additional charge needs to be added (TXV Kit).*

TXV INSTALLED WITH INDOOR COIL	MODEL NUMBER: *SH1BG4CVRX		24K	36K	48K	60K
	OUTDOOR UNIT FACTORY CHARGE (OZ.):		188	184	282	282
	MODELS	INDOOR COIL TXV (AS-BUILT)	REQUIRED INDOOR TXV OR TXV KIT CHARGE ADDITION (OZ) / RATED CFM [4]			
	B6VM					
	B6VMAX24K-B	669564	669564 (0 / 800)	--	--	--
	B6VMAX36K-B	669566	--	669566 (0 / 1200)	--	--
	B6VMAX48K-C	669568	--	--	669568 (0 / 1350)	--
	B6VMAX60K-C	669578	--	--	--	669578 (0 / 1500)
	C6BH					
	C6BH-X26(C,U)-B	669681	669681 (0 / 820)	--	--	--
	C6BH-X36(C,U)-B	669683	--	669683 (0 / 1240)	--	--
	C6BH-X36(C,U)-C	669683	--	669683 (0 / 1220)	--	--
	C6BH-X48(C,U)-C	669852	--	--	669852 (0 / 1350)	--
	C6BH-X60(C,U)-C	669686	--	--	--	669686 (0 / 1545)
	C6BH-X60(C,U)-D	669686	--	--	--	669686 (0 / 1520)
	C6BA-F					
	C6BA-F42(C,U)-B+TXV	--	**920668A (0 / 820)**	**920670A (0 / 1240)**	--	--
	C6BA-F48(C,U)-C+TXV	--	--	**920670A (0 / 1220)**	--	--
	C6BA-F60(C,U)-C+TXV	--	--	--	**920672A (0 / 1350)**	**920673A (0 / 1545)**
	C6BA-F60(C,U)-D+TXV	--	--	--	--	**920673A (0 / 1520)**

NOTES:

[4] Charge addition is for coil change only. For line sets longer than 15 feet see Installation Instructions.
CFM refers to blower flow at rating point. Refer to indoor unit air flow setting information in the Installation Instructions for that unit.

Table 4. TXV / Charge Addition (Oz)

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.

Specifications & illustrations subject to change without notice or incurring obligations (10/17).

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(Replaces 10174130)