

QUICK REFERENCE DATA

FT4BG Series Residential Split System Heat Pump

18 SEER

Model Number:			FT4BG-024K	FT4BG-036K	FT4BG-048K	FT4BG-060K
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 (ft²)	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"
Installation Refrigerant Vapor Line Size (All liquid lines 3/8" OD)		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 Type			R-410A			
Refrigerant Charge (oz.), 15 ft. line set (factory charge)			188 ⁽³⁾	184 ⁽³⁾	282 ⁽³⁾	282 ⁽³⁾
Weight Approximate (lbs.)		As shipped	200	220	252	272
		Net	191	211	243	263

(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

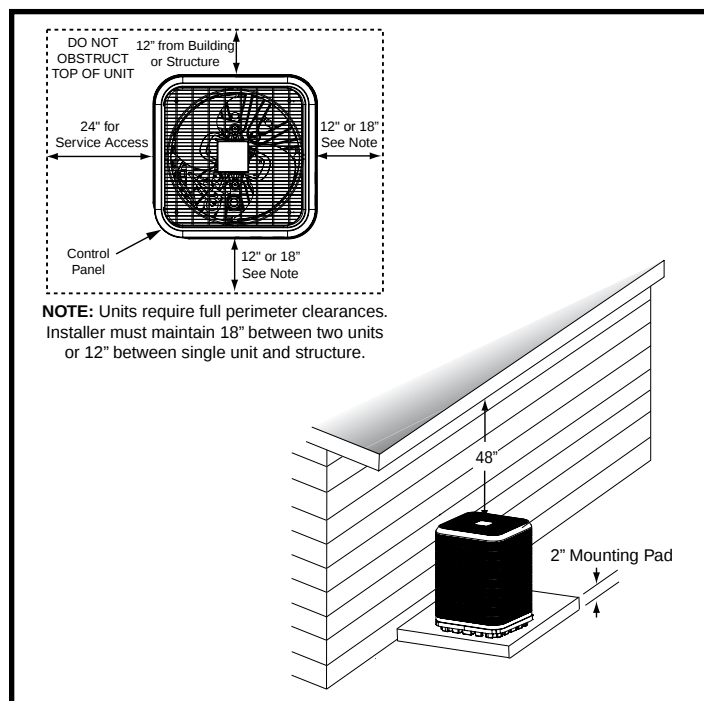


Figure 1. Clearance Requirements

Wire Gauge	Recommended Maximum Wire Length (FT) from Unit to Thermostat
22	45
20	70
18	115
16	180

Table 2. Control Wiring (24V)

MODEL NUMBER	HEIGHT (H)	WIDTH (W)	DEPTH (D)
FT4BG-024K	37"	31 1/4"	31 1/4"
FT4BG-036K	41"	31 1/4"	31 1/4"
FT4BG-048K	41"	31 1/4"	31 1/4"
FT4BG-060K	45"	31 1/4"	31 1/4"

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 TXV and charge addition for this match are listed.

TXV Installed With Indoor Unit	Model Number:		FT4BG-024K	FT4BG-036K	FT4BG-048K	FT4BG-060K
	TXV Supplied With OD Unit:		669956	669957	669958	669958
	Outdoor Unit Factory Charge (Oz.):		188	184	282	282
	MODELS	SUPPLIED WITH INDOOR UNIT	REQUIRED INDOOR TXV / 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)	

NOTES:

⁽⁴⁾ For line sets longer than 15 feet see Installation Instructions.

CFM refers to blower flow at rating point. Refer to the air flow setting information in the units Installation Instructions.

Table 4. TXV / Charge Addition (Oz)

