



Submittal Data Sheet
 1.25-Ton Wall Mounted with Heat Pump
 FTX15WMVJU9RXL15WMVJU9

Model	Indoor Unit		FTX15WMVJU9	
	Outdoor Unit		RXL15WMVJU9	
			Cooling	Heating
Power Supply		1 ϕ , 208 - 230 V, 60 Hz		
Capacity Rated (Min. - Max.)	Btu/h	15,000 (5,800 - 18,400)	18,300 (5,800 - 24,600)	
Running Current (Rated)	A	6.42 - 5.81	7.24 - 6.55	
Power Consumption (Rated)	W	1,250 - 1,250	1,426 - 1,426	
Power Factor (Rated)	%	93.6 - 93.5	94.7 - 94.6	
SEER2 / HSPF2		19.50	10.00	
EER2 (Rated)	Btu/h·W	12.00	—	
COP2 (Rated)	W/W	—	3.76	
Piping Connections	Liquid	in. (mm)	ϕ 1/4 (6.4)	
	Gas	in. (mm)	ϕ 1/2 (12.7)	
	Drain	in. (mm)	ϕ 5/8 (16)	
Heat Insulation		Both Liquid and Gas Pipes		
Max. Interunit Piping Length	ft (m)	98-1/2 (30)		
Max. Interunit Height Difference	ft (m)	65-5/8 (20)		
Chargeless	ft (m)	32-3/4 (10)		
Amount of Additional Charge of Refrigerant	oz/ft (g/m)	0.21 (20)		
Indoor Unit		FTX15WMVJU9		
Front Panel Color		White (N9.5)		
Airflow Rate	H / M / L / SL	cfm	593/ 505 / 431 / 367	
		m3/min	16.8 / 14.3 / 12.2 / 10.4	
			653 / 554 / 470 / 399	
Fan	Type / Speed	Steps	Cross Flow Fan / 5 Steps, Quiet, Auto	
Air Direction Control		Right, Left, Horizontal, Downward		
Air Filter		Removable, Washable		
Running Current (Rated)	A	0.23 - 0.21	0.25 - 0.23	
Power Consumption (Rated)	W	33 - 33	38 - 38	
Power Factor (Rated)	%	69.0 - 68.3	73.1 - 71.8	
Temperature Control		Microcomputer Control		
Dimensions (H \times W \times D)	in. (mm)	11-5/8 \times 39 \times 10-3/8 (295 \times 990 \times 263)		
Packaged Dimensions (H \times W \times D)	in. (mm)	15-3/16 \times 43-3/8 \times 15-5/16 (386 \times 1,102 \times 389)		

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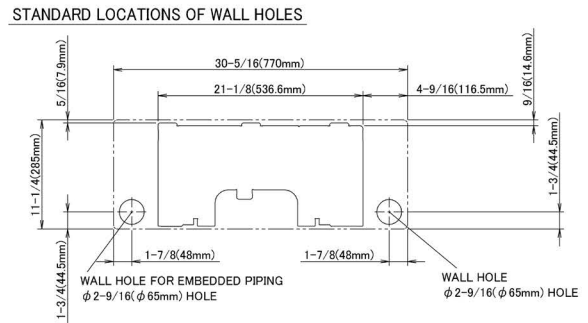
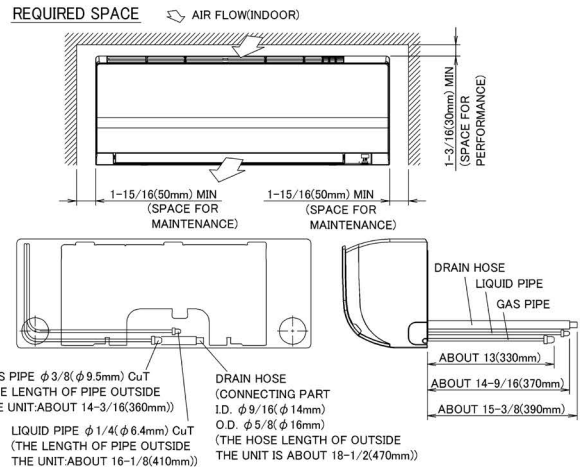
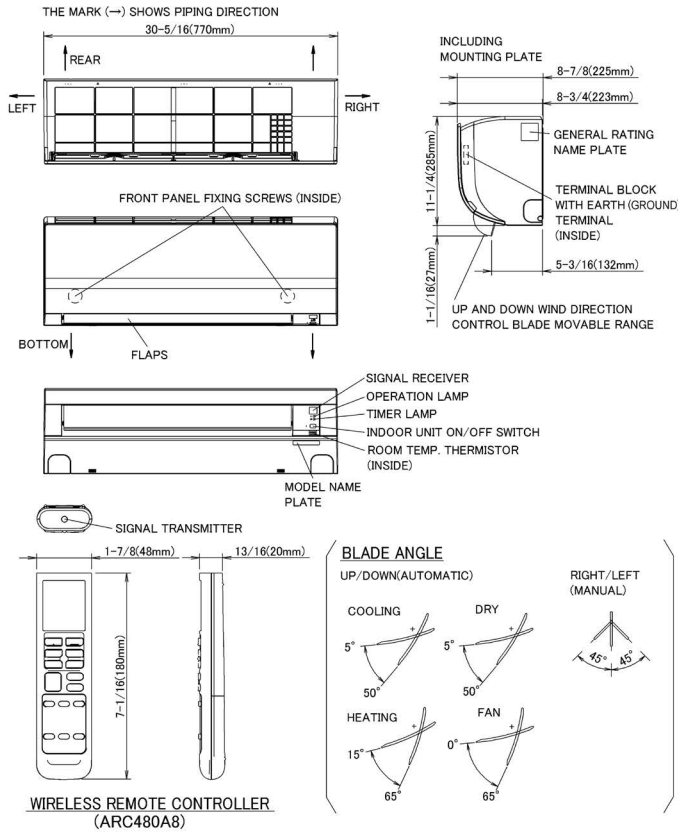
Weight (Mass)		lbs (kg)	27 (13)	
Gross Weight (Gross Mass)		lbs (kg)	36 (17)	
Sound Pressure Level	H / M / L / SL	dB(A)	45 / 41 / 36 / 33	45 / 41 / 37 / 33
Outdoor Unit		RXL15WMVJU9		
Casing Color		Ivory White		
Heat Exchanger	Fin Spec / Tube		Waffle Fin (PE) / φ 7 Hi-XSL Tube	
Fan Motor	Motor Output	HP	0.12	
Compressor	Type		Hermetically Sealed Swing Type	
	Model		2YC36PXD	
Refrigerant Oil	Type		FVC50K	
	Charge	oz (L)	21.98 (0.650)	
Refrigerant	Type		R-410A	
	Charge	lbs (kg)	3.20 (1.45)	
Airflow Rate		cfm (m3/min)	2,044 (57.9)	2,044 (57.9)
Fan	Type		Propeller	
Running Current (Rated)		A	6.19 - 5.60	6.99 - 6.32
Power Consumption (Rated)		W	1,217 - 1,217	1,388 - 1,388
Power Factor (Rated)		%	94.5 - 94.5	95.5 - 95.5
Dimensions (H × W × D)		in. (mm)	28-15/16 × 34-1/4 × 12-5/8 (735 × 870 × 320)	
Packaged Dimensions (H × W × D)		in. (mm)	31-7/8 × 41-9/16 × 18-1/4 (810 × 1,056 × 464)	
Weight (Mass)		lbs (kg)	109 (50)	
Gross Weight (Gross Mass)		lbs (kg)	119 (54)	
Sound Pressure Level		dB(A)	50	55
Conditions Based on	Indoor		80.0°FDB (26.7°CDB) / 67.0°FWB (19.4°CWB)	70.0°FDB (21.1°CDB) / 60.0°FWB (15.6°CWB)
	Outdoor		95.0°FDB (35°CDB) / 75.0°FWB (24.0°CWB)	47.0°FDB (8.3°CDB) / 43.0°FWB (6.1°CWB)
	Piping Length		25 ft (7.5 m)	
Note(s)		SL: The quiet fan level of the airflow rate setting.		

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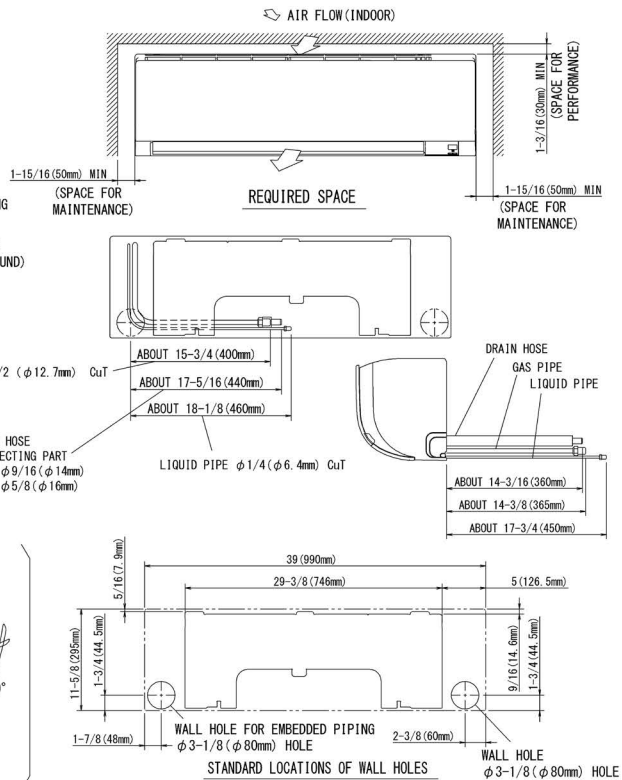
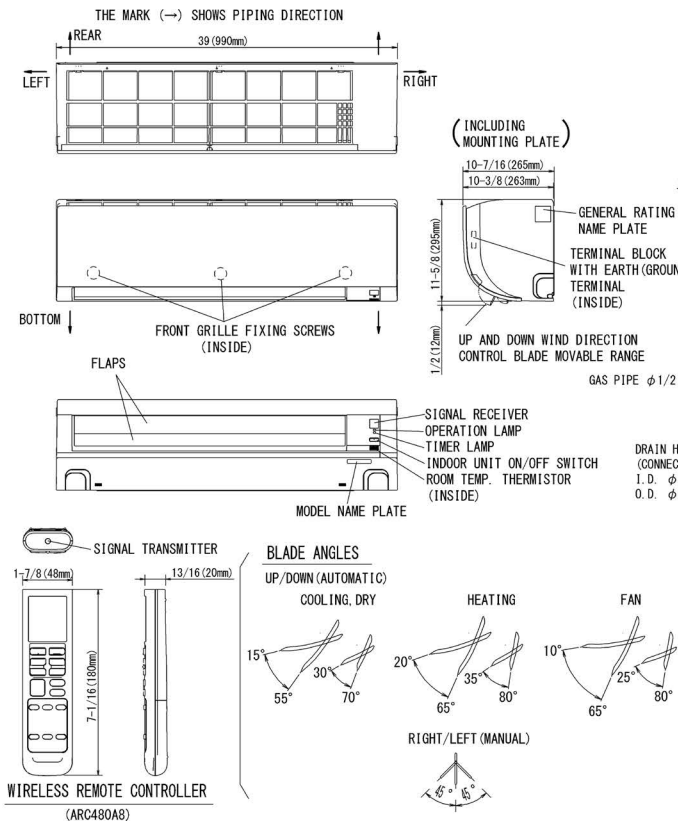
4. Dimensions

4.1 Indoor Unit FTX09/12WMVJU9



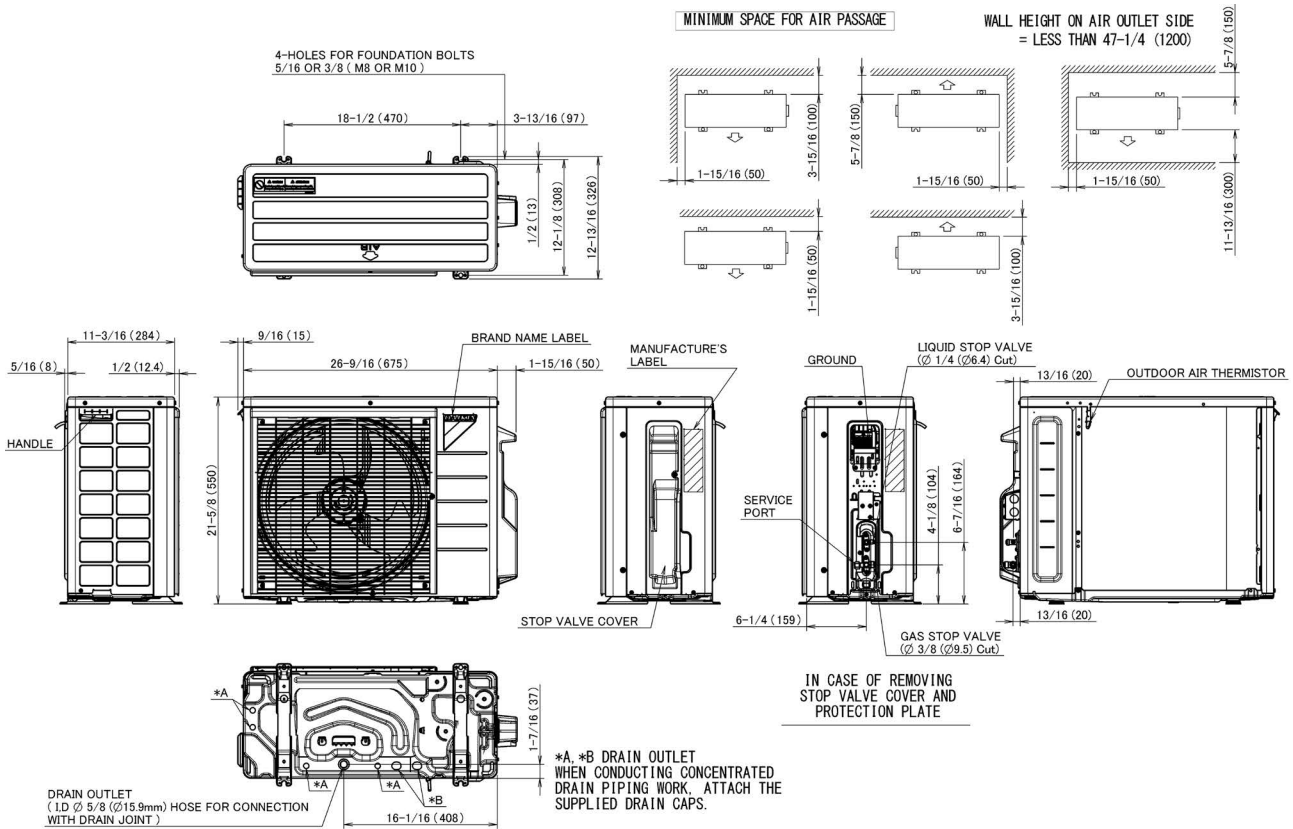
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FTX15WMVJU9



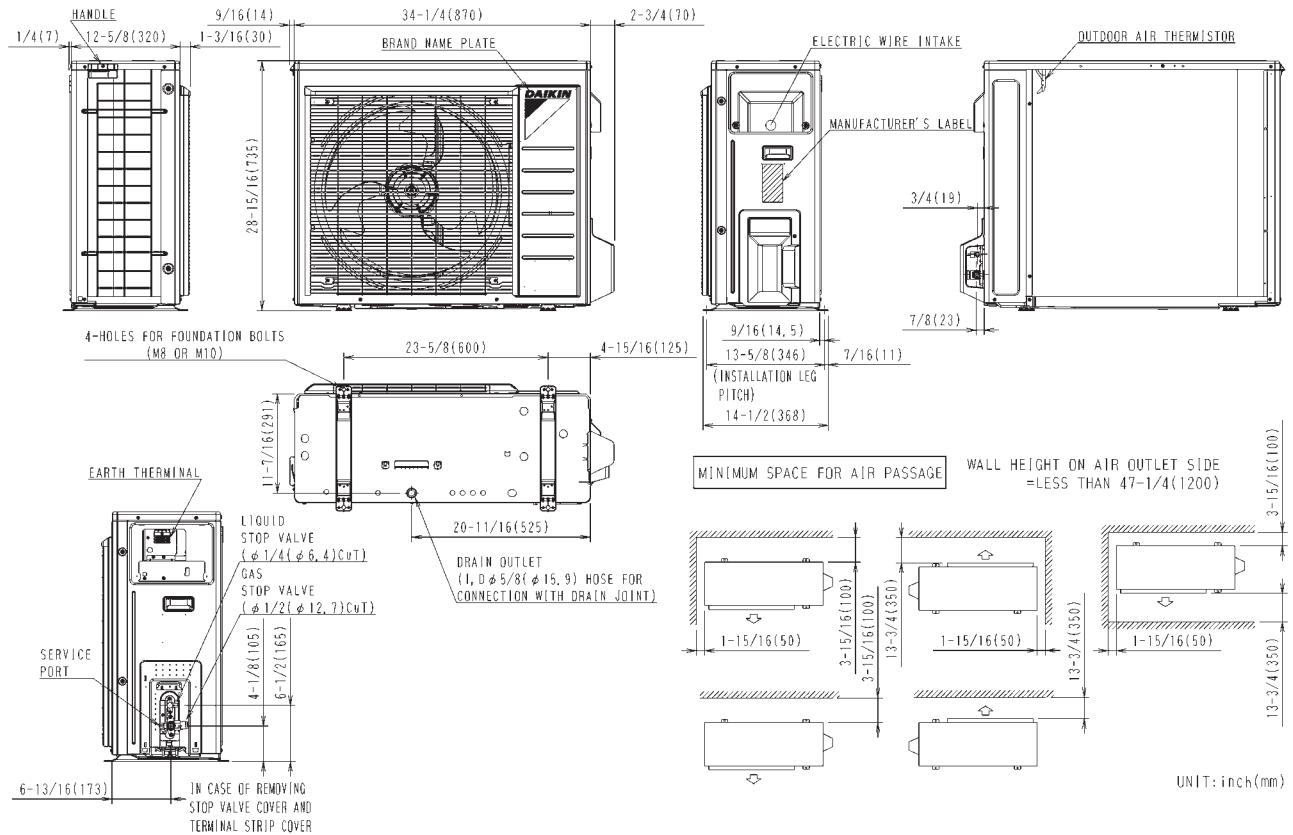
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4.2 Outdoor Unit RXL09/12WMVJU9



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RXL15WMVJU9



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11. Electric Characteristics

Indoor Unit	Outdoor Unit	Power Supply				Compressor	OFM			IFM		
		Hz - Volts	Voltage Range	MCA	MFA		RLA	Hp	W	FLA	Hp	W
FTX09WMVJU9	RXL09WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	8.7	15	8.5	0.03	23	0.19	0.03	21	0.20
FTX12WMVJU9	RXL12WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	12.2	15	12.0	0.04	27	0.21	0.04	28	0.23
FTX15WMVJU9	RXL15WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	12.2	15	12.0	0.12	93	0.58	0.05	33	0.23
FTX18WVJU9	RXL18WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	18.6	20	18.3	0.16	122	0.77	0.07	48	0.37
FTX24WVJU9	RXL24WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	18.8	20	18.3	0.16	122	0.77	0.07	48	0.57
FVXS09WVJU9	RXL09WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	8.7	15	8.5	0.03	23	0.19	0.02	12	0.21
FVXS12WVJU9	RXL12WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	12.2	15	12.0	0.04	27	0.21	0.02	13	0.22
FVXS15WVJU9	RXL15WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	12.3	15	12.0	0.12	93	0.58	0.03	23	0.29
FDMQ12WVJU9	RXL12WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	12.6	15	12.0	0.04	27	0.21	0.17	130	0.63
FDMQ18WVJU9	RXL18WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	19.1	20	18.3	0.16	122	0.77	0.31	230	0.84
FDMQ24WVJU9	RXL24WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	19.3	20	18.3	0.16	122	0.77	0.31	230	1.10

Symbols:

- MCA : Min. circuit amps (A)
- MFA : Max. fuse amps (A)
- RLA : Rated load amps (A)
- OFM : Outdoor fan motor
- IFM : Indoor fan motor
- FLA : Full load amps (A)
- W / Hp : Fan motor rated output (W, Hp)

Notes:

1. RLA is the max current that comes in cooling operation and heating operation.
2. Maximum allowable voltage variation between phases is 2%.
3. Select wire size based on the larger value of MCA.

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