



Submittal Data Sheet
0.75-Ton Floor Mount and Heat Pump
FVXS09WVJU9RXL09WMVJU9

Model		Indoor Unit		FVXS09WVJU9	
		Outdoor Unit		RXL09WMVJU9	
				Cooling	Heating
Power Supply				1 ϕ , 208 - 230 V, 60 Hz	
Capacity Rated (Min. - Max.)		Btu/h	9,000 (4,400 - 10,200)		10,100 (4,400 - 14,300)
Running Current (Rated)		A	4.08 - 3.69		3.91 - 3.54
Power Consumption (Rated)		W	783 - 783		767 - 767
Power Factor (Rated)		%	92.3 - 92.3		94.3 - 94.3
SEER2 / HSPF2			19.50		9.70
EER2 (Rated)		Btu/h·W	11.50		—
COP2 (Rated)		W/W	—		3.86
Piping Connections	Liquid	in. (mm)	ϕ 1/4 (6.4)		
	Gas	in. (mm)	ϕ 3/8 (9.5)		
	Drain	in. (mm)	ϕ 13/16 (20)		
Heat Insulation			Both Liquid and Gas Pipes		
Max. Interunit Piping Length		ft (m)	65-5/8 (20)		
Max. Interunit Height Difference		ft (m)	49-1/4 (15)		
Chargeless		ft (m)	32-3/4 (10)		
Amount of Additional Charge of Refrigerant		oz/ft (g/m)	0.21 (20)		
Indoor Unit			FVXS09WVJU9		
Front Panel Color			White (B-272)		
Airflow Rate	H / M / L / SL	cfm	290 / 230 / 169 / 145		311 / 244 / 177 / 155
		m3/min	8.2 / 6.5 / 4.8 / 4.1		8.8 / 6.9 / 5.0 / 4.4
Fan	Type / Speed	Steps	Turbo Fan / 5 Steps, Quiet, Auto		
Air Direction Control			Right, Left, Horizontal, Downward		
Air Filter			Removable, Washable, Mildew Proof		
Running Current (Rated)		A	0.14 - 0.13		0.15 - 0.14
Power Consumption (Rated)		W	15 - 15		17 - 17
Power Factor (Rated)		%	51.5 - 50.2		54.5 - 52.8
Temperature Control			Microcomputer Control		
Dimensions (H $\times$ W $\times$ D)		in. (mm)	23-5/8 $\times$ 27-9/16 $\times$ 8-1/4 (600 $\times$ 700 $\times$ 210)		
Packaged Dimensions (H $\times$ W $\times$ D)		in. (mm)	27-3/8 $\times$ 30-15/16 $\times$ 11 (696 $\times$ 786 $\times$ 280)		
Weight (Mass)		lbs (kg)	31 (14)		
Gross Weight (Gross Mass)		lbs (kg)	38 (17)		

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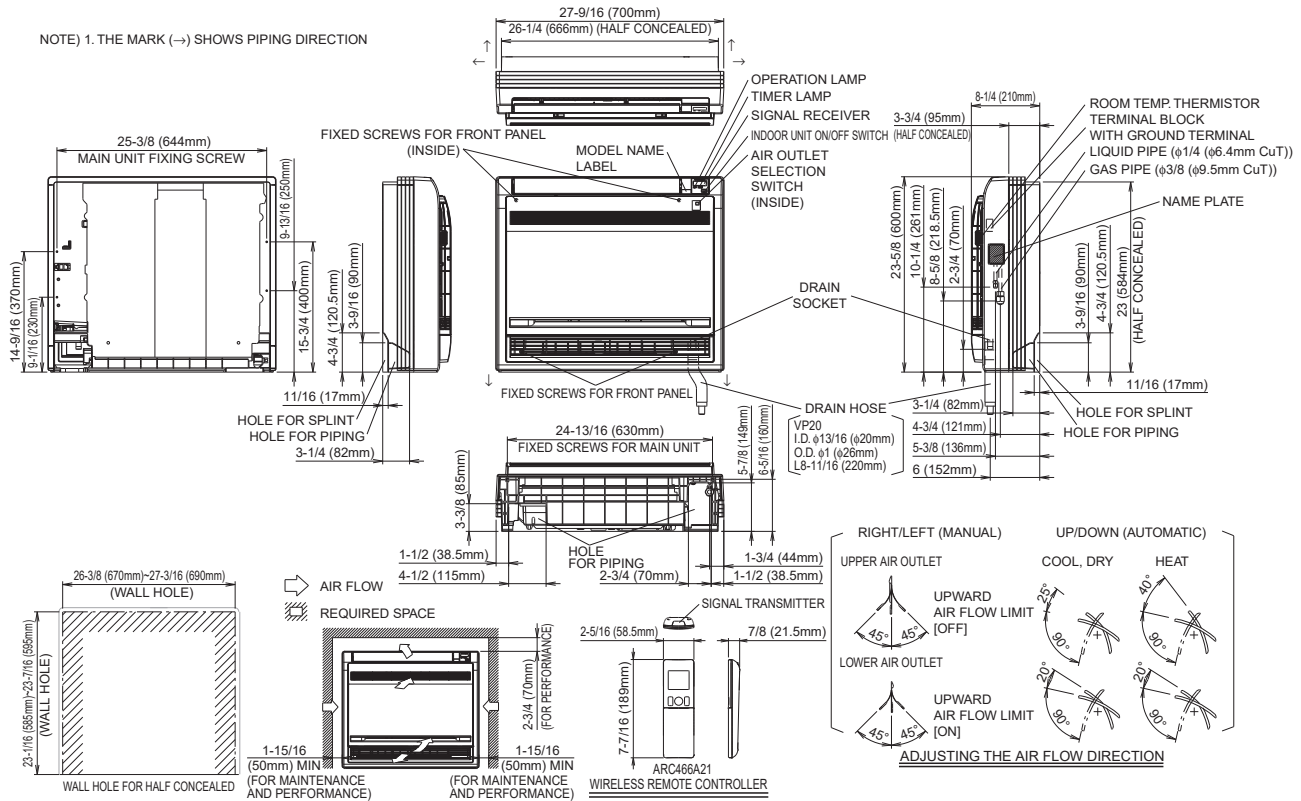
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0.75-Ton Floor Mount and Heat Pump

FVXS09WVJU9RXL09WMVJU9

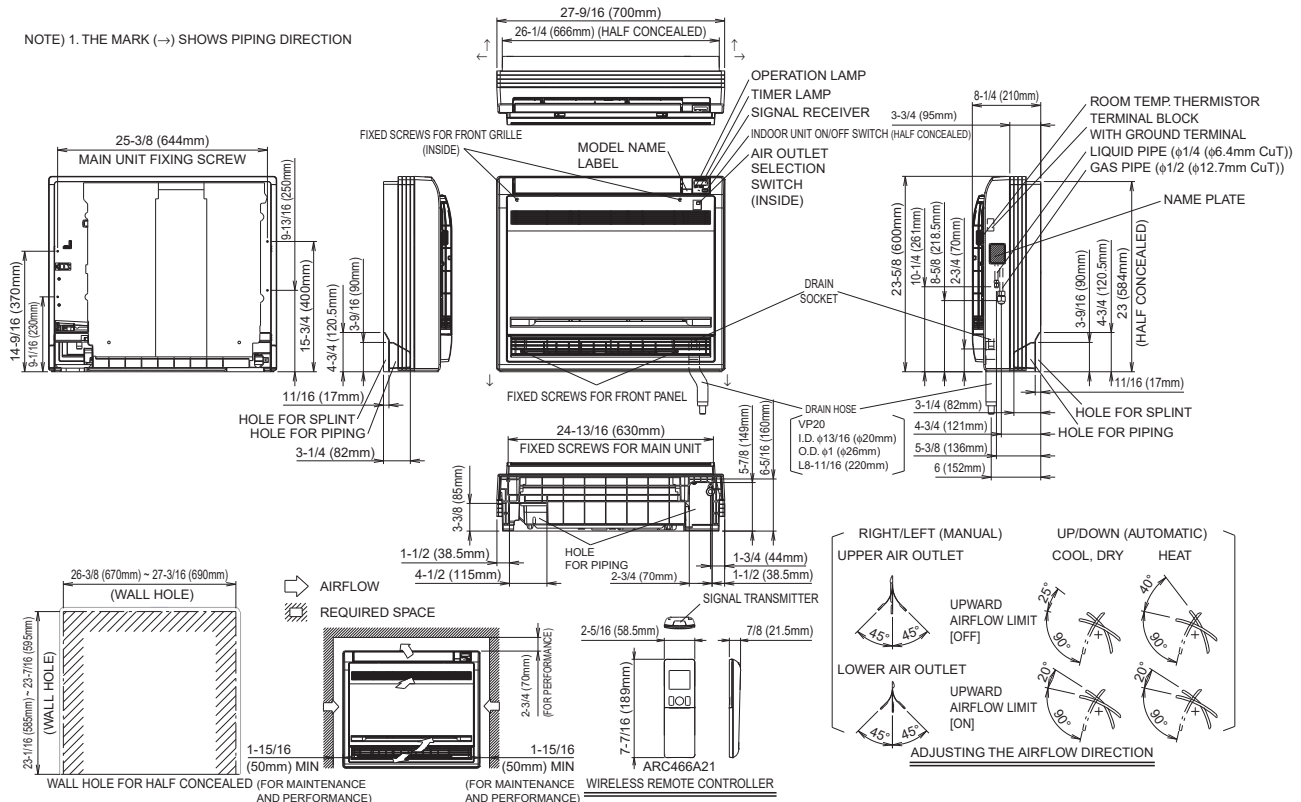
Sound Pressure Level	H / M / L / SL	dB(A)	38 / 32 / 26 / 23	38 / 32 / 26 / 23
Outdoor Unit			RXL09WMVJU9	
Casing Color			Ivory White	
Heat Exchanger	Fin Spec / Tube		Waffle Fin (PE) / φ 7 Hi-XSL Tube	
Fan Motor	Motor Output	HP	0.03	
Compressor	Type		Hermetically Sealed Swing Type	
	Model		1YC23AUXD	
Refrigerant Oil	Type		FVC50K	
	Charge	oz (L)	12.68 (0.375)	
Refrigerant	Type		R-410A	
	Charge	lbs (kg)	2.09 (0.95)	
Airflow Rate		cfm (m3/min)	1,105 (31.3)	922 (26.1)
Fan	Type		Propeller	
Running Current (Rated)		A	3.94 - 3.56	3.76 - 3.40
Power Consumption (Rated)		W	768 - 768	750 - 750
Power Factor (Rated)		%	93.7 - 93.8	95.9 - 95.9
Dimensions (H × W × D)		in. (mm)	21-5/8 × 26-9/16 × 11-3/16 (550 × 675 × 284)	
Packaged Dimensions (H × W × D)		in. (mm)	23-13/16 × 31-7/16 × 14-11/16 (605 × 798 × 373)	
Weight (Mass)		lbs (kg)	63 (29)	
Gross Weight (Gross Mass)		lbs (kg)	68 (31)	
Sound Pressure Level		dB(A)	49	49
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(35.0°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)	
Drawing No.			3D143142B	
Note(s)			SL: The quiet fan level of the airflow rate setting.	

FVXS09/12WVJU9



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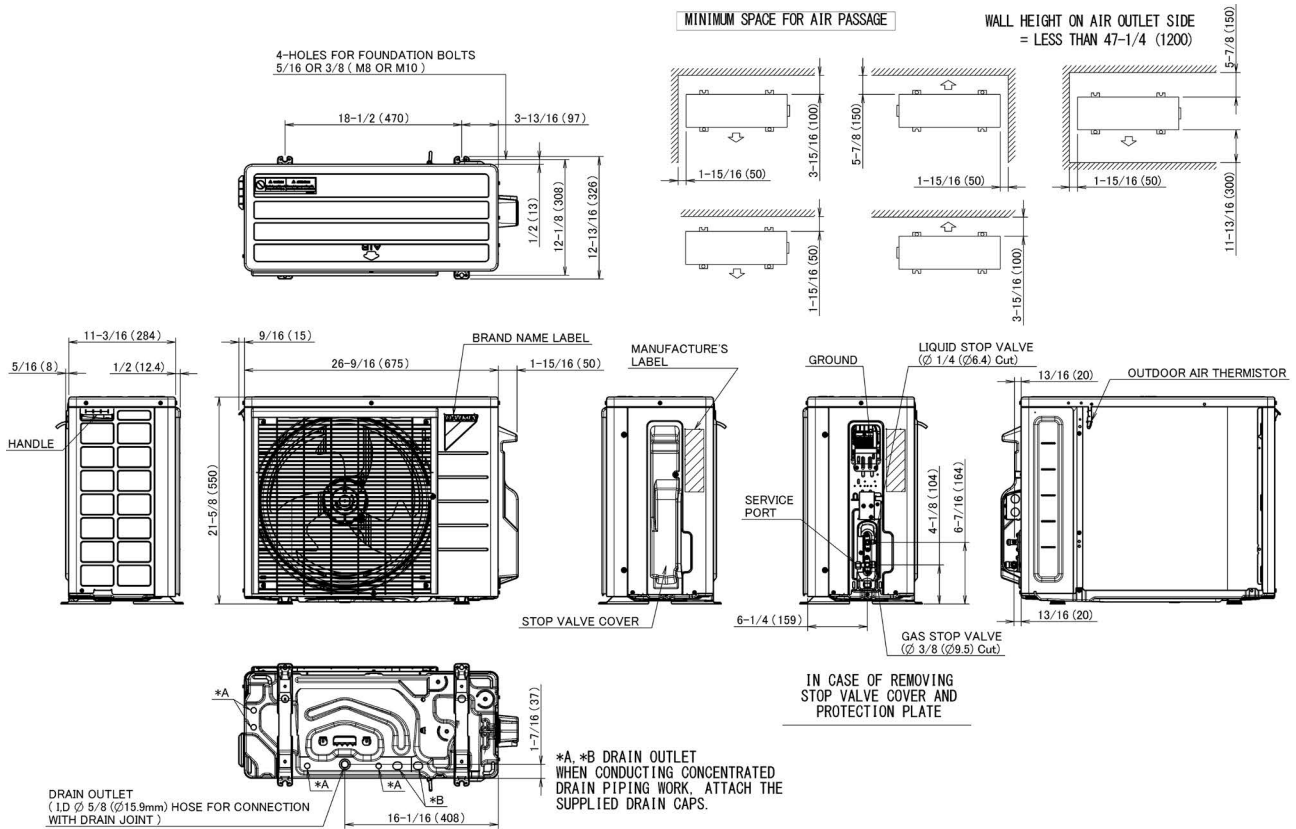
FVXS15WVJU9



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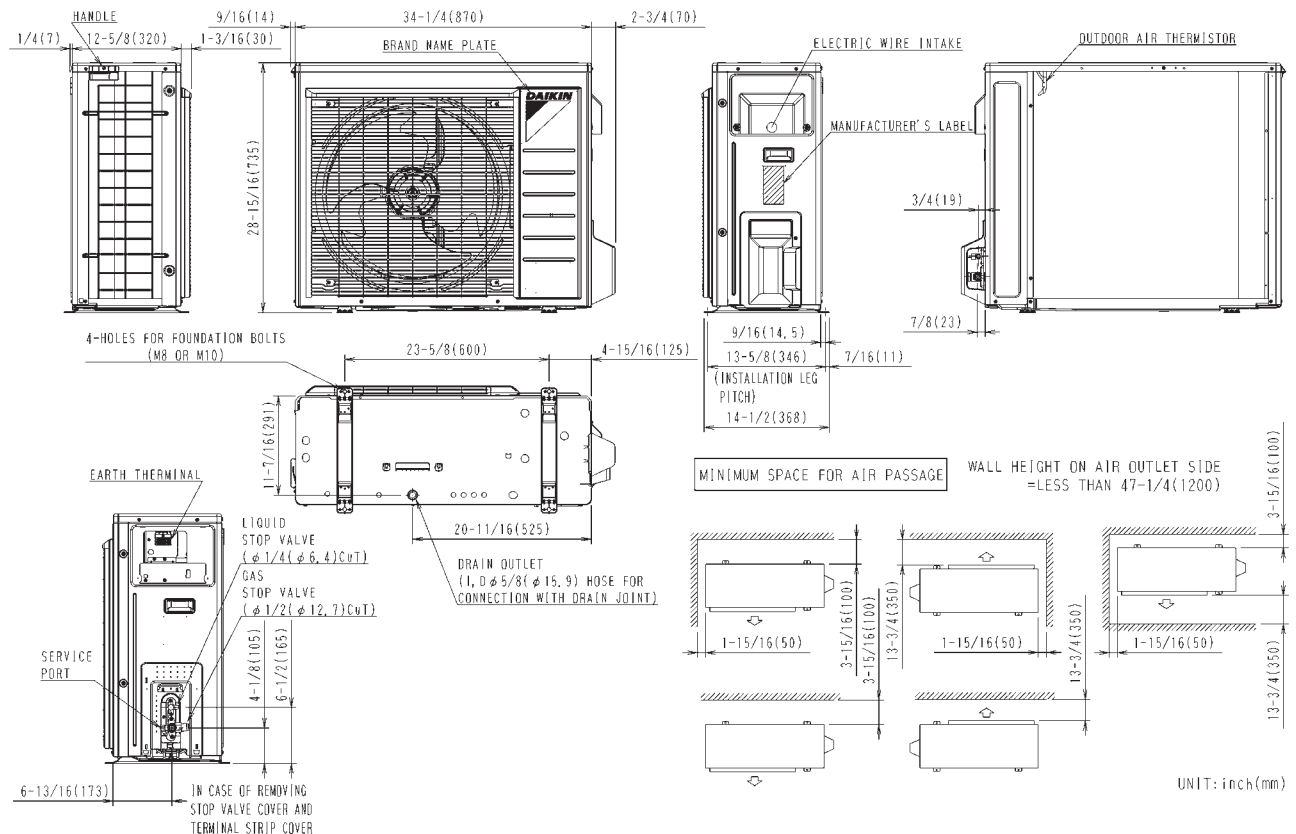
4.2 Outdoor Unit

RXL09/12WMVJU9



3D136777

RXL15WMVJU9



3D092224D

11. Electric Characteristics

Indoor Unit	Outdoor Unit	Power Supply				Compressor	OFM			IFM		
		Hz - Volts	Voltage Range	MCA	MFA		Hp	W	FLA	Hp	W	FLA
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.

C: 3D143137

C: 3D143133A