



Submittal Data Sheet
3.0-Ton Mini-Split with Heat Pump
FTX36WVJU9RX36WMVJU9

Model	Indoor Unit		FTX36WVJU9	
	Outdoor Unit		RX36WMVJU9	
			Cooling	Heating
Power Supply			1 ϕ , 208 - 230 V, 60 Hz	
Capacity	Rated	Btu/h	33,200 - 34,400	35,200 - 36,000
	Min.	Btu/h	10,200 - 10,200	10,200 - 10,200
	Max.	Btu/h	33,200 - 34,400	35,200 - 36,000
Running Current (Rated)		A	17.00 - 17.00	18.10 - 17.00
Power Consumption (Rated)		W	3,458 - 3,780	3,686 - 3,799
Power Factor (Rated)		%	97.8 - 96.7	97.9 - 97.2
SEER2 / HSPF2			15.90	7.50
EER2 (Rated)		Btu/h·W	9.5 - 9.1	—
COP2 (Rated)		W/W	—	2.74 - 2.72
Piping Connections	Liquid	in. (mm)	ϕ 1/4 (6.4)	
	Gas	in. (mm)	ϕ 5/8 (15.9)	
	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)	0.32 (30)	
Cooling Range			50 ⁰ to 115 ⁰ F (Extended operation to -22 ⁰ to 115 ⁰ F with facility setting and air adjustment grille)	
Indoor Unit			FTX36WVJU9	
Front Panel Color			White (N9.5)	
Airflow Rate	H / M / L / SL	cfm	915 / 742 / 572 / 512	960 / 791 / 629 / 544
		m3/min	25.9 / 21.0 / 16.2 / 14.5	27.2 / 22.4 / 17.8 / 15.4
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	0.82 - 0.75	0.82 - 0.75
Power Consumption (Rated)		W	95 - 95	95 - 95
Power Factor (Rated)		%	55.7 - 55.1	55.7 - 55.1
Temperature Control			Microcomputer Control	
Dimensions (H × W × D)		in. (mm)	13-3/8 × 47-1/4 × 10-3/16 (340 × 1,200 × 259)	
Weight (Mass)		lbs (kg)	38 (17)	
Sound Pressure Level	H / M / L / SL	dB(A)	54 / 47 / 40 / 37	53 / 46 / 38 / 35

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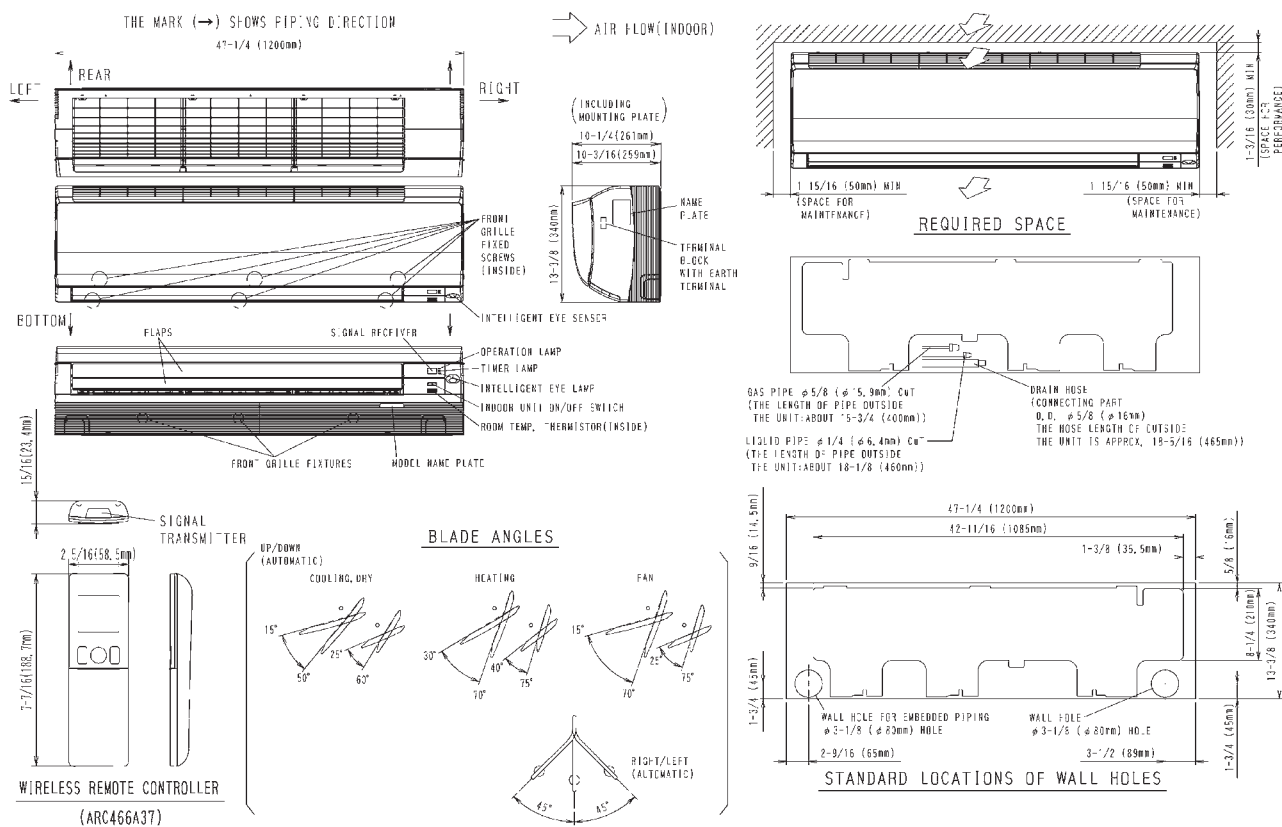
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 3.0-Ton Mini-Split with Heat Pump
 FTX36WVJU9RX36WMVJU9

Outdoor Unit			RX36WMVJU9	
Casing Color			Ivory White	
Heat Exchanger	Fin Spec / Tube		Waffle Fin / φ 7 Hi-XSL Tube	
Fan Motor	Motor Output	HP	0.16	
Compressor	Type		Hermetically Sealed Swing Type	
	Model		2YC63AAXD	
Refrigerant Oil	Type		FVC50K	
	Charge	oz (L)	30.43 (0.900)	
Refrigerant	Type		R-410A	
	Charge	lbs (kg)	3.64 (1.65)	
Airflow Rate		cfm (m3/min)	2,811 (79.6)	2,352 (66.6)
Fan	Type		Propeller	
Running Current (Rated)		A	16.18 - 16.25	17.28 - 16.25
Power Consumption (Rated)		W	3,363 - 3,685	3,591 - 3,704
Power Factor (Rated)		%	99.9 - 98.6	99.9 - 99.1
Dimensions (H × W × D)		in. (mm)	28-15/16 × 34-1/4 × 12-5/8 (735 × 870 × 320)	
Weight (Mass)		lbs (kg)	133 (60)	
Sound Pressure Level		dB(A)	59	59
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)	
Note(s)			SL: The quiet fan level of the airflow rate setting.	

4. Dimensions

4.1 Indoor Unit

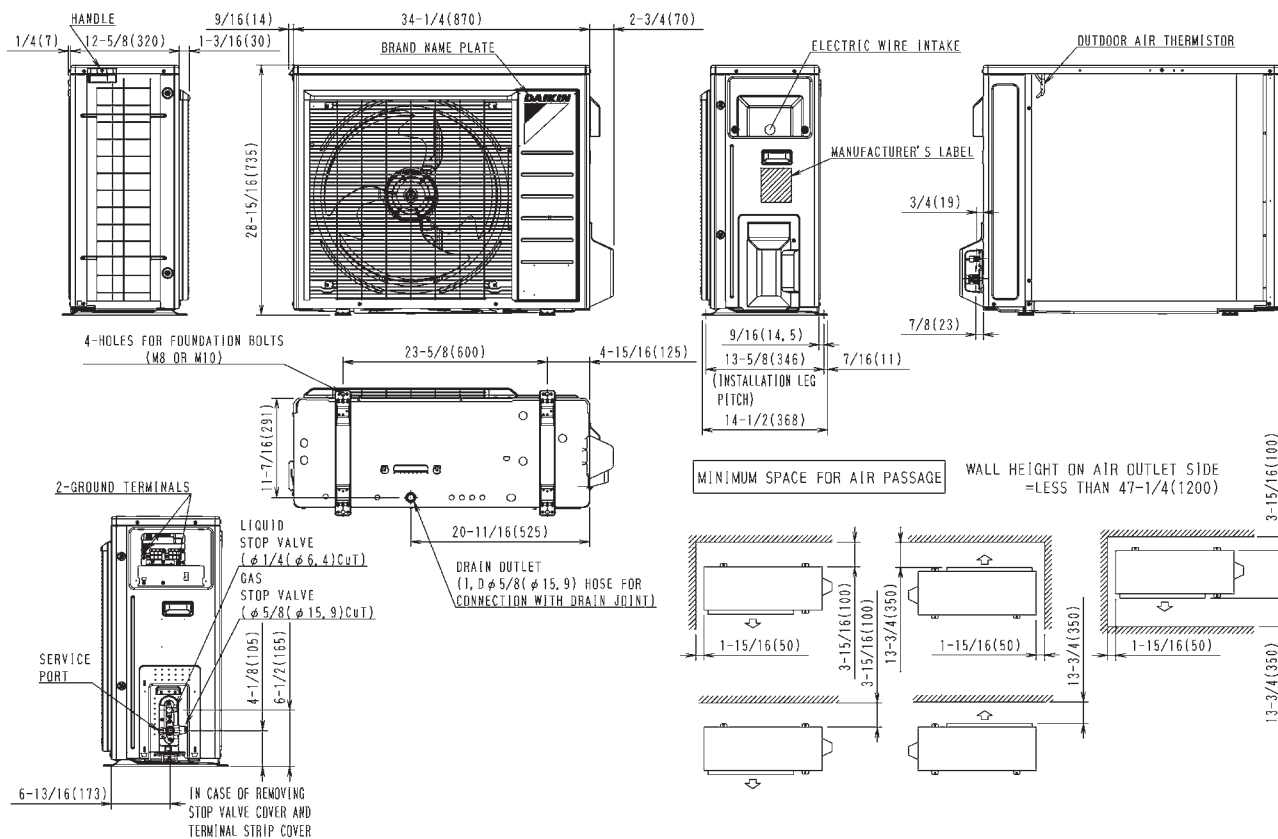
FTX30/36WVJU9



3D107868

4.2 Outdoor Unit

RK30/36WMVJU9, RX30/36WMVJU9



3D107983A

10. Electric Characteristics

Indoor Unit	Outdoor Unit	Power Supply				Compressor	OFM			IFM		
		Hz - Volts	Voltage Range	MCA	MFA		Hp	W	FLA	Hp	W	FLA
FTX30WVJU9	RK30WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	16.6	20	16.3	0.16	122	0.77	0.09	64	0.37
FTX36WVJU9	RK36WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	16.6	20	16.3	0.16	122	0.77	0.09	64	0.37
FTX30WVJU9	RX30WMVJU9	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	0.09	64	0.37
FTX36WVJU9	RX36WMVJU9	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	0.09	64	0.37

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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