



Submittal Data Sheet  
 1.0-Ton Mini-Split with Heat Pump  
 FTX12BXVJURX12BXVJU

MODEL		INDOOR UNIT		FTX12BXVJU	
		OUTDOOR UNIT		RX12BXVJU	
				Cooling	Heating
Rated Capacity (Min. ~ Max.)		kW	3.20 (1.30 - 3.90)		3.96 (1.30 - 4.80)
		Btu/h	10900 (4400 - 13300)		13500 (4400 - 16400)
Moisture Removal		gal/h	0.18		
Rated Running Current		A	3.95		4.70
Rated Power Consumption		W	872		1038
EER2		Btu/h/W	12.5		N/A
SEER2			20.0		N/A
COP		W/W	N/A		3.80
HSPF2			N/A		10.0
Piping Connections	Liquid	inch (mm)	1/4" (6.35)		
	Gas	inch (mm)	3/8" (9.52)		
Refrigerant	Type		R410A		
	Charge	lbs (kg)	2.09 (0.95)		
Max. Interunit Piping Length		ft (m)	65-5/8 (20)		
Max. Interunit Height Difference		ft (m)	49-1/4 (15)		
Chargeless		ft (m)	32-13/16 (10)		
Amount of Additional Charge of Refrigerant		oz/ft (g/m)	0.21 (20)		
INDOOR UNIT		FTX12BXVJU			
Front Panel Color		WHITE			
Airflow Rate	Turbo	CFM	473		
	High	CFM	436	412	
	Medium	CFM	316		
	Low	CFM	247		
	Quiet	CFM	132	210	
Sound Pressure Level (H/M/L/Q)		dBA	46/38/32/19	45/37/31/26	
Fan	Type	CROSS FLOW			
	Drive	DIRECT			
	Speed	3 STEPS, QUIET, AUTO, TURBO			
Fan Motor	Type	DIRECT CURRENT			
	Motor Output	W	22		
	Running Current (Rated)	A	0.10		

Daikin Comfort Technologies North America, Inc 19001 Kermier Rd Waller TX 77484  
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	<b>Power Consumption (Rated)</b>	<b>W</b>	29	
<b>Air Direction Control</b>			UP, DOWN, LEFT, RIGHT	
<b>Air Filter</b>			CATECHIN	
<b>Dimensions (H x W x D)</b>		<b>inch (mm)</b>	11-1/3 x 30-29/32 x 9-27/32 (288 x 785 x 250)	
<b>Weight</b>		<b>lbs (kg)</b>	21.4 (9.7)	
<b>Condensate Drain Size</b>		<b>inch (mm)</b>	5/8 (16)	
<b>Document No.</b>			3D143550B	
<b>OUTDOOR UNIT</b>			<b>RX12BXVJU</b>	
<b>Casing Color</b>			IVORY WHITE	
<b>Airflow Rate</b>	<b>High</b>	<b>CFM</b>	1051	966
<b>Sound Pressure Level</b>		<b>dB(A)</b>	49	
<b>Fan</b>	<b>Type</b>		PROPELLER	
	<b>Drive</b>		DIRECT	
<b>Fan Motor</b>	<b>Type</b>		DIRECT CURRENT	
	<b>Index of protection (IP)</b>		24	
	<b>Insulation Grade</b>		E	
	<b>Running Current (Rated)</b>	<b>A</b>	0.61	
	<b>Power Consumption (Rated)</b>	<b>W</b>	46	
	<b>Motor Output</b>	<b>W</b>	26	
	<b>Poles</b>		8	
<b>Compressor</b>	<b>Type</b>		HERMETIC SWING	
	<b>Model</b>		1YC23AUXDA	
	<b>Oil type</b>		DAPHNE FVC50K	
	<b>Oil amount</b>	<b>oz (cm3)</b>	12.4 (375)	
<b>Heat Exchanger Type</b>			FIN TUBE	
<b>Dimensions (H x W x D)</b>		<b>inch (mm)</b>	21-11/16 x 26-1/2 x 11-3/16 (550 x 675 x 284)	
<b>Weight</b>		<b>lbs (kg)</b>	62 (28)	
<b>Gross Weight</b>		<b>lbs (kg)</b>	68 (31)	
<b>COOLING</b>			<b>HEATING</b>	
INDOOR: 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB)			INDOOR: 70°FDB (21.1°CDB)	
OUTDOOR: 95°FDB (35°CDB)			OUTDOOR: 47°FDB (8.3°CDB) / 43°FWB (6.1°CWB)	

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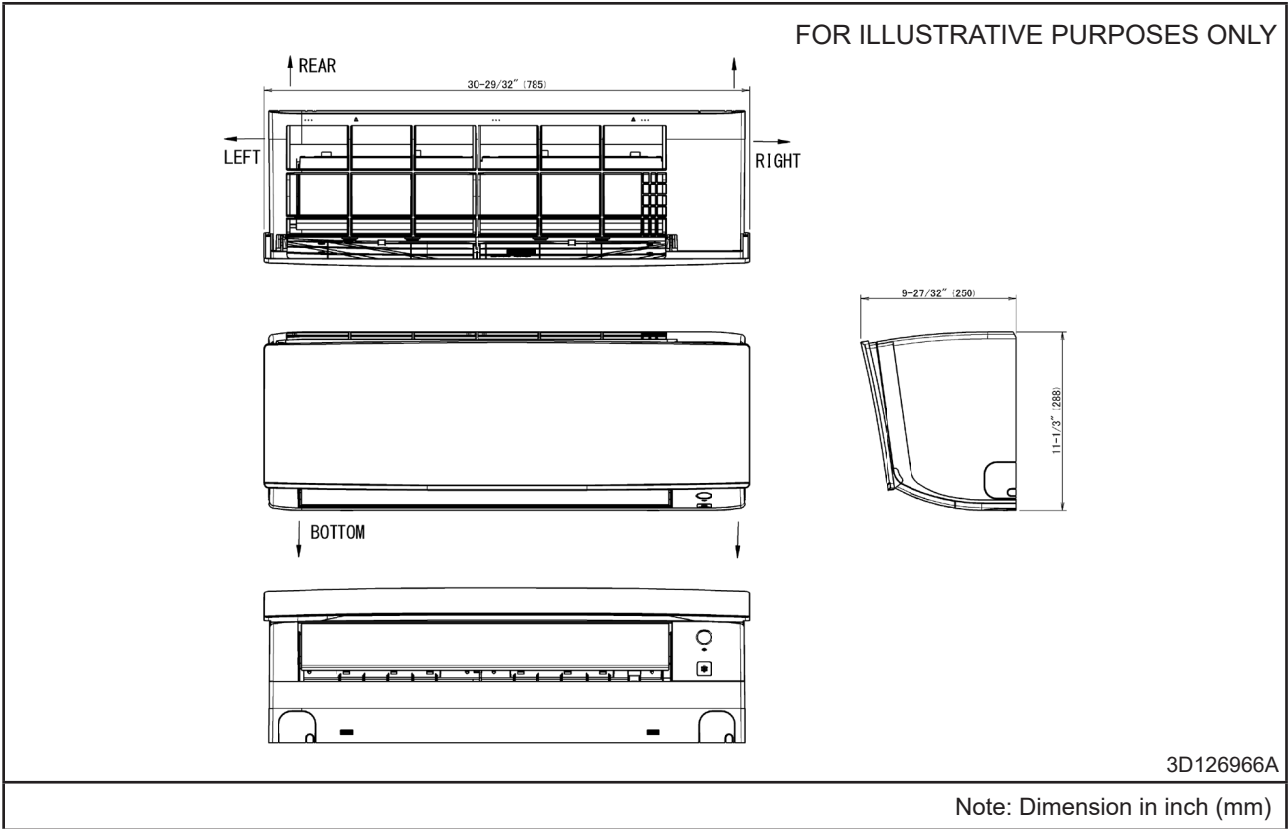
# Product Line-up for R410A Inverter

Class	09	12
Indoor	 <p data-bbox="592 943 842 1025"><i>FTK09BXVJU</i> <i>FTX09BXVJU</i></p>	 <p data-bbox="1129 943 1380 1025"><i>FTK12BXVJU</i> <i>FTX12BXVJU</i></p>
Outdoor	 <p data-bbox="603 1648 837 1731"><i>RK09BXVJU</i> <i>RX09BXVJU</i></p>	 <p data-bbox="1139 1648 1374 1731"><i>RK12BXVJU</i> <i>RX12BXVJU</i></p>

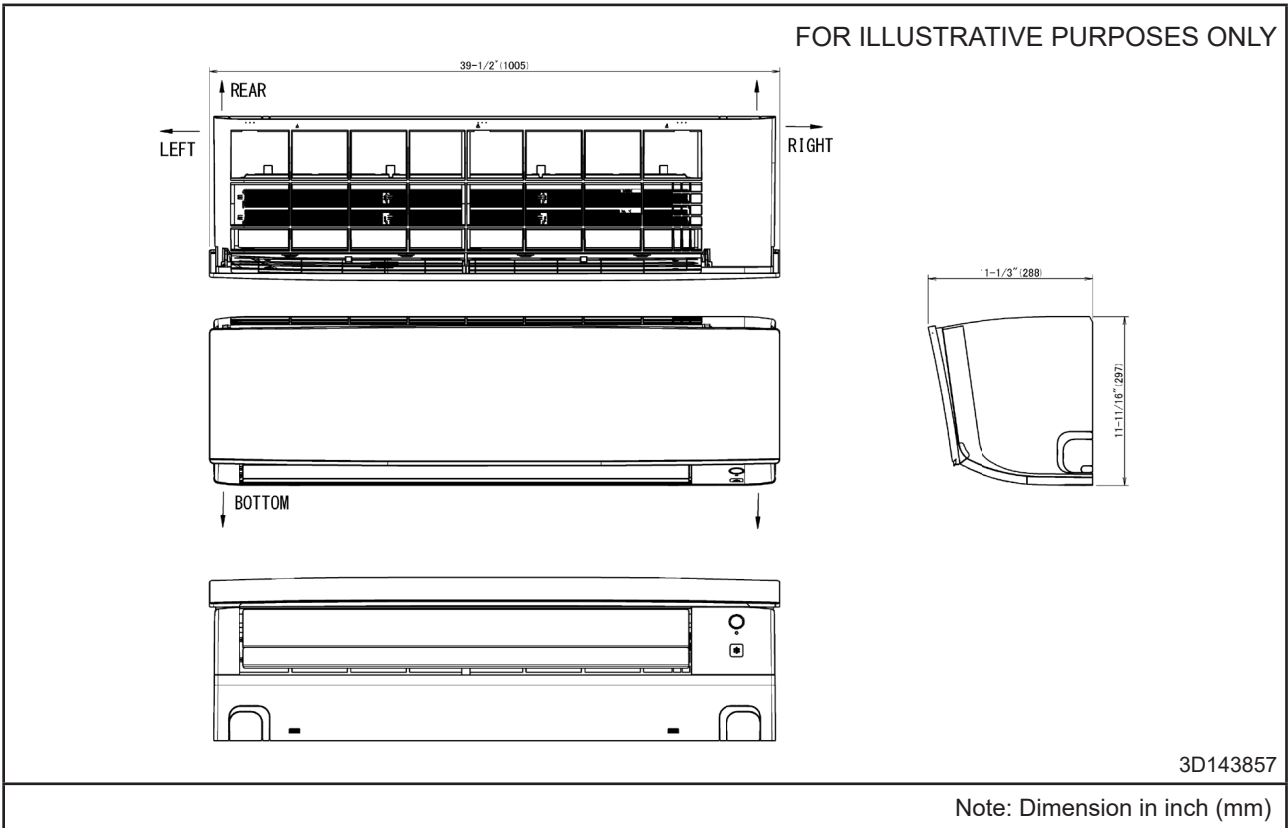
# Dimensions

## Indoor Unit

Model : FTK09/12B, FTX09/12B

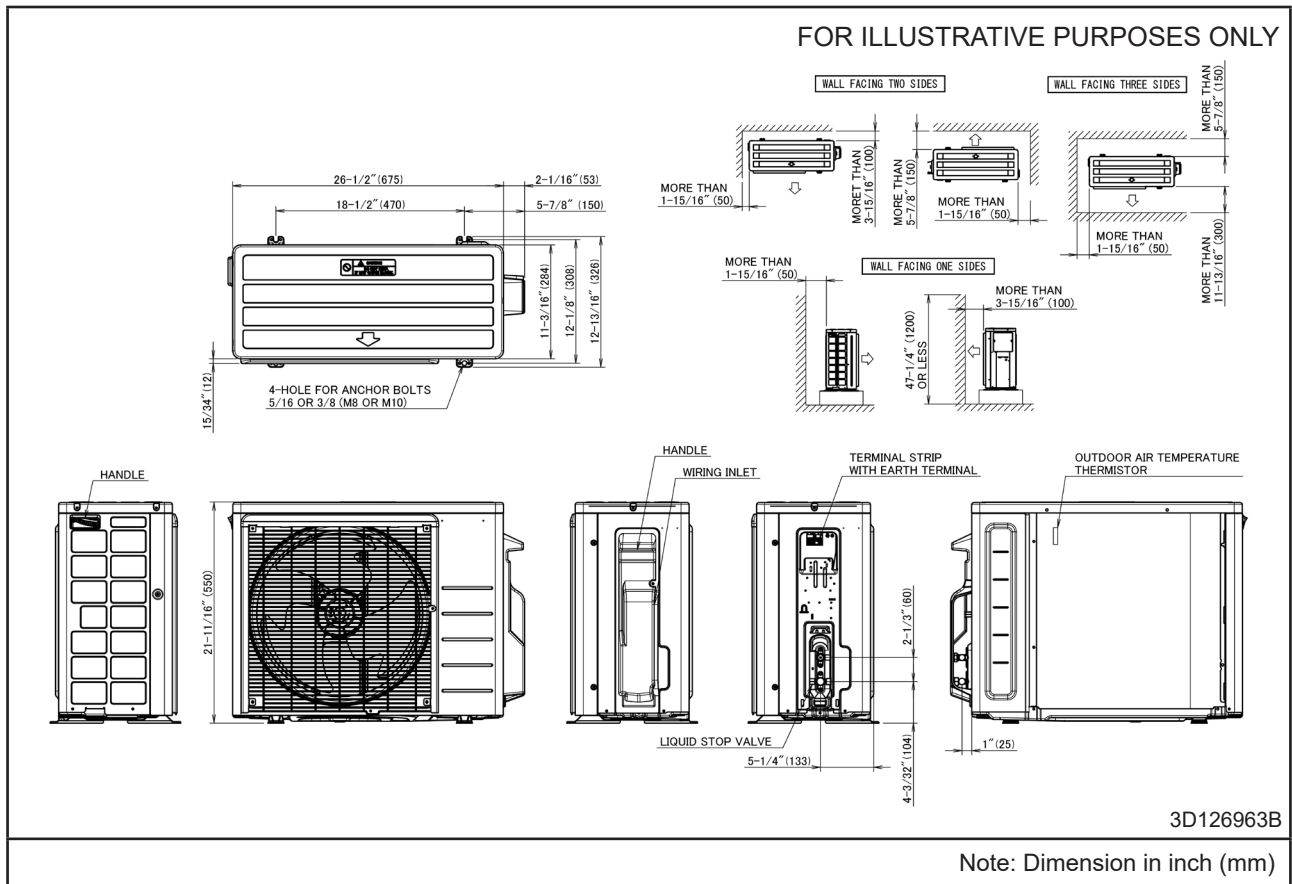


Model : FTK18/24B, FTX18/24B

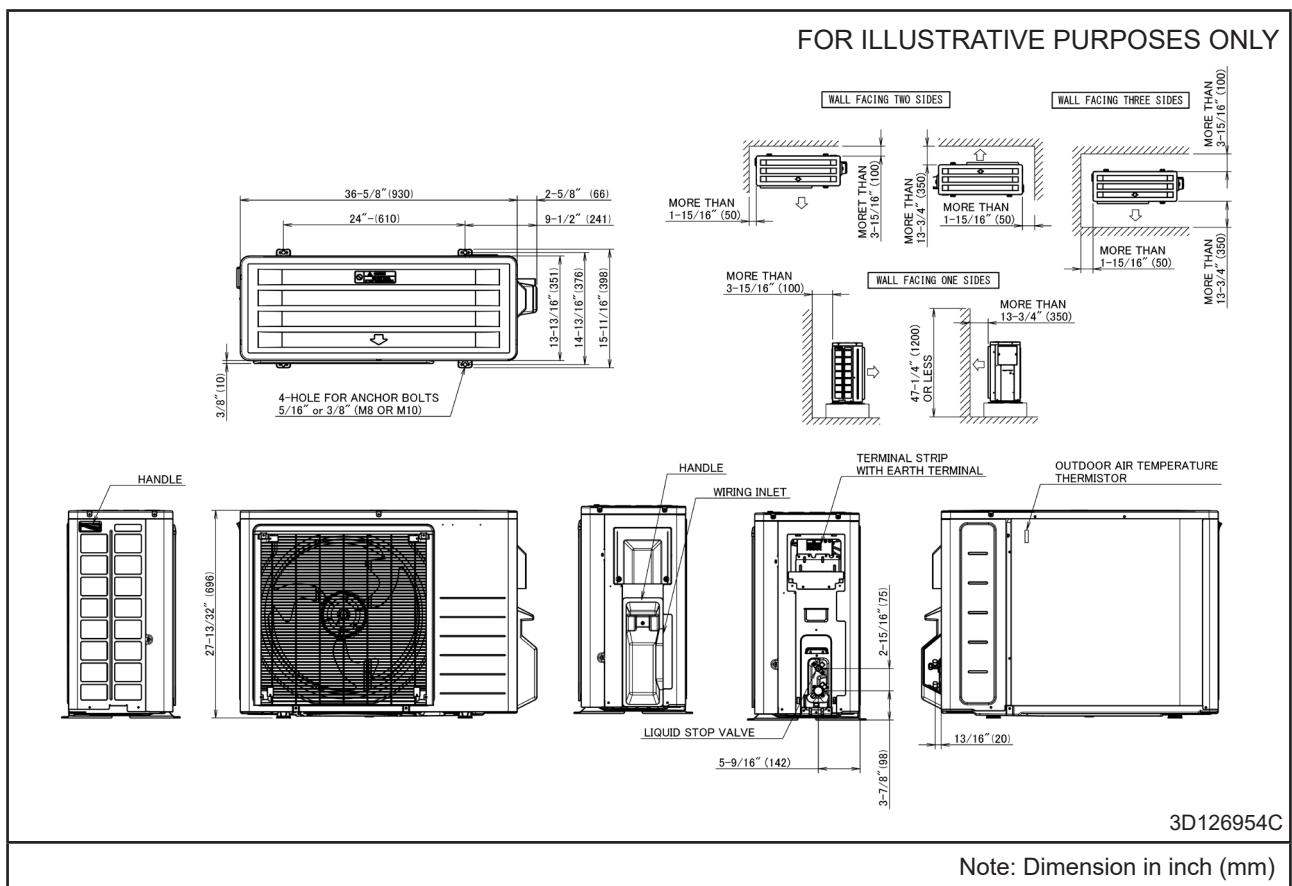


Outdoor Unit

Model : RK09/12B, RX09/12B



Model : RK18/24B, RX18/24B



# Electric Characteristic

Unit Combination		Power Supply				COMP		OFM		IFM	
Indoor Unit	Outdoor Unit	Hz-Volts	Voltage Range	MCA	MOP	RHz	A	kW	MOC	kW	MOC
FTXB09B	RXB09B	60Hz-208V	MAX. 60Hz 253V MIN. 60Hz 187V	12.35	15	88	4.34	0.026	0.60	0.022	0.35
		60Hz-230V									
FTXB12B	RXB12B	60Hz-208V	MAX. 60Hz 253V MIN. 60Hz 187V	12.40	15	96	5.57	0.026	0.61	0.022	0.40
		60Hz-230V									
FTXB18B	RXB18B	60Hz-208V	MAX. 60Hz 253V MIN. 60Hz 187V	16.55	20	90	8.17	0.055	1.30	0.039	0.55
		60Hz-230V									
FTXB24B	RXB24B	60Hz-208V	MAX. 60Hz 253V MIN. 60Hz 187V	16.55	20	104	10.67	0.055	1.30	0.039	0.55
		60Hz-230V									

**Symbols:**

MCA	: Minimum Circuit Amps (A)
MOP	: Maximum Overcurrent Protection (A)
COMP	: Compressor
RHz	: Rated Operating Frequency (Hz)
A	: Compressor Input Current (A)
OFM	: Outdoor Fan Motor
IFM	: Indoor Fan Motor
kW	: Fan Motor Rated Output (kW)
MOC	: Maximum Operating Current (A)

**Notes:**

1. RHz is the max frequency that comes in cooling operation and heating operation.
2. RLA is the max current that comes in cooling operation and heating operation.
3. Maximum allowable voltage that is unbalance between phases is 2%.
4. Select wire size based on the larger value of MCA.
5. Use circuit breaker instead of fuse

3D142347A