



Submittal Data Sheet  
 0.75-Ton Mini-Split with Heat Pump  
 FTK09BXVJURX09BXVJU

<b>MODEL</b>	<b>INDOOR UNIT</b>		<b>FTX09BXVJU</b>	
	<b>OUTDOOR UNIT</b>		<b>RX09BXVJU</b>	
			<b>Cooling</b>	<b>Heating</b>
<b>Rated Capacity (Min. ~ Max.)</b>	<b>kW</b>	2.61 (1.30 - 3.00)		2.93 (1.30 - 3.80)
	<b>Btu/h</b>	8900 (4400 - 10200)		10000 (4400 - 13000)
<b>Moisture Removal</b>	<b>gal/h</b>	0.09		
<b>Rated Running Current</b>	<b>A</b>	3.40	3.44	
<b>Rated Power Consumption</b>	<b>W</b>	712	719	
<b>EER2</b>	<b>Btu/h/W</b>	12.5	N/A	
<b>SEER2</b>		20.0	N/A	
<b>COP</b>	<b>W/W</b>	N/A	4.06	
<b>HSPF2</b>		N/A	10.0	
<b>Piping Connections</b>	<b>Liquid</b>	<b>inch (mm)</b>	1/4" (6.35)	
	<b>Gas</b>	<b>inch (mm)</b>	3/8" (9.52)	
<b>Refrigerant</b>	<b>Type</b>		R410A	
	<b>Charge</b>	<b>lbs (kg)</b>	1.54 (0.7)	
<b>Max. Interunit Piping Length</b>	<b>ft (m)</b>	65-5/8 (20)		
<b>Max. Interunit Height Difference</b>	<b>ft (m)</b>	49-1/4 (15)		
<b>Chargeless</b>	<b>ft (m)</b>	32-13/16 (10)		
<b>Amount of Additional Charge of Refrigerant</b>	<b>oz/ft (g/m)</b>	0.21 (20)		
<b>Drawing No.</b>		3D143694C		
<b>INDOOR UNIT</b>		<b>FTX09BXVJU</b>		
<b>Front Panel Colour</b>		WHITE		
<b>Airflow Rate</b>	<b>Turbo</b>	<b>CFM</b>	466	
	<b>High</b>	<b>CFM</b>	431	402
	<b>Medium</b>	<b>CFM</b>	322	
	<b>Low</b>	<b>CFM</b>	249	
	<b>Quiet</b>	<b>CFM</b>	142	219
<b>Sound Pressure Level (H/M/L/Q)</b>	<b>dB(A)</b>	44/37/30/19		43/36/30/25
<b>Fan</b>	<b>Type</b>		CROSS FLOW	
	<b>Drive</b>		DIRECT	
	<b>Speed</b>		3 STEPS, QUIET, AUTO, TURBO	
<b>Fan Motor</b>	<b>Type</b>		DIRECT CURRENT	

Daikin Comfort Technologies North America, Inc 19001 Kermier Rd Waller TX 77484  
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	<b>Motor Output</b>	<b>W</b>	22	
	<b>Running Current (Rated)</b>	<b>A</b>	0.10	
	<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>	20.3 (9.2)	
<b>Condensate Drain Size</b>		<b>inch (mm)</b>	5/8 (16)	
<b>Document No.</b>			3D143550B	
<b>OUTDOOR UNIT</b>			<b>RX09BXVJU</b>	
<b>Casing Colour</b>			IVORY WHITE	
<b>Airflow Rate</b>	<b>High</b>	<b>CFM</b>	1083	1103
<b>Sound Pressure Level</b>		<b>dBA</b>	46	48
<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>	0.60	
	<b>Power Consumption (Rated)</b>	<b>W</b>	32	
	<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>	55 (25)	
<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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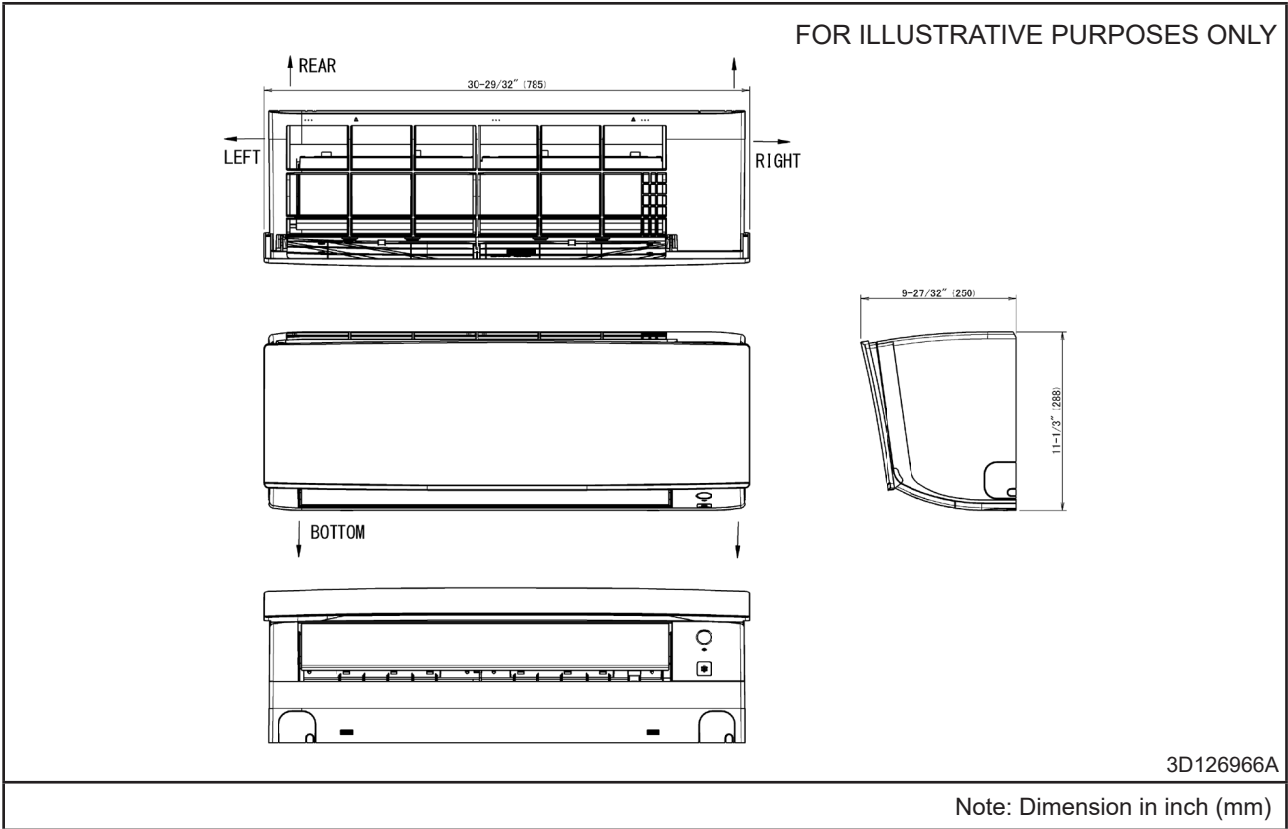
# Product Line-up for R410A Inverter

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>

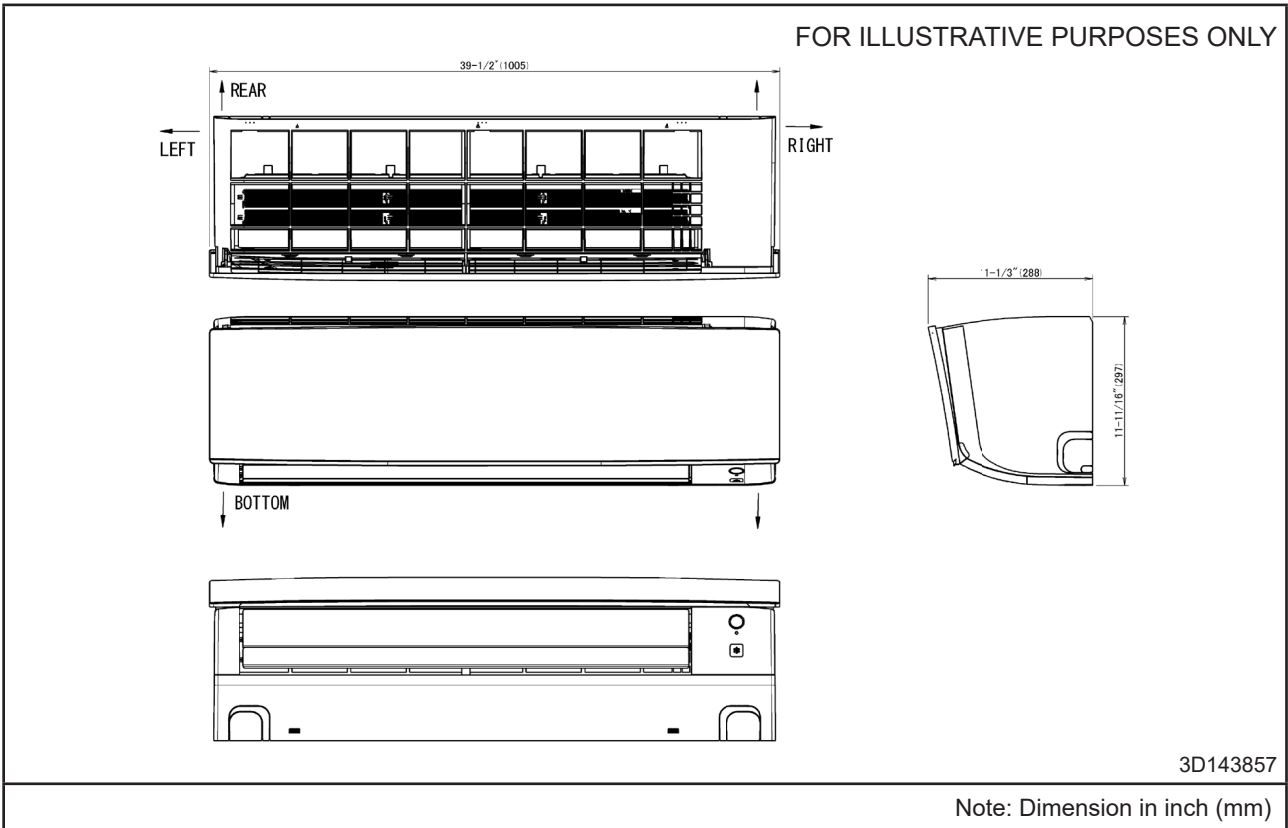
# Dimensions

## Indoor Unit

Model : FTK09/12B, FTX09/12B

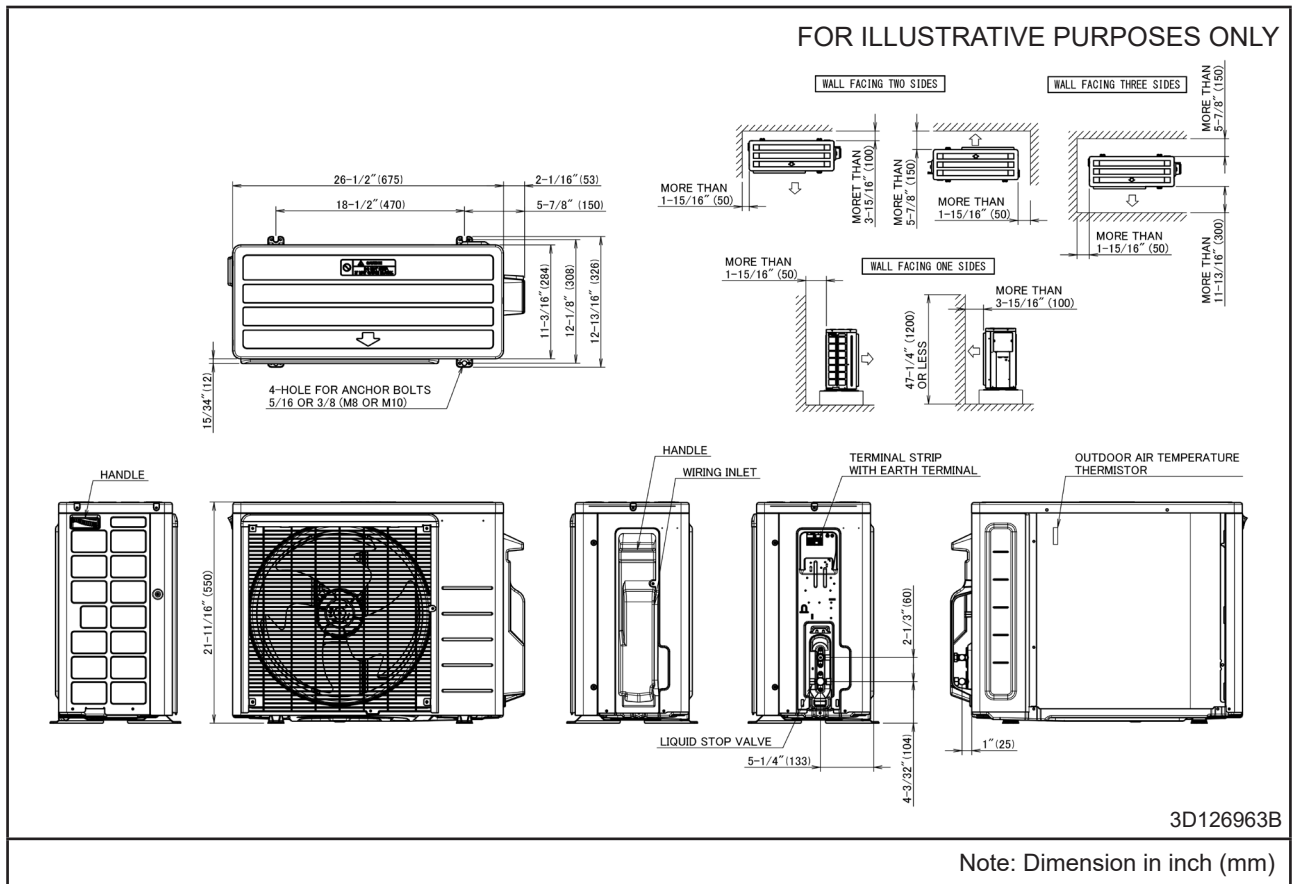


Model : FTK18/24B, FTX18/24B

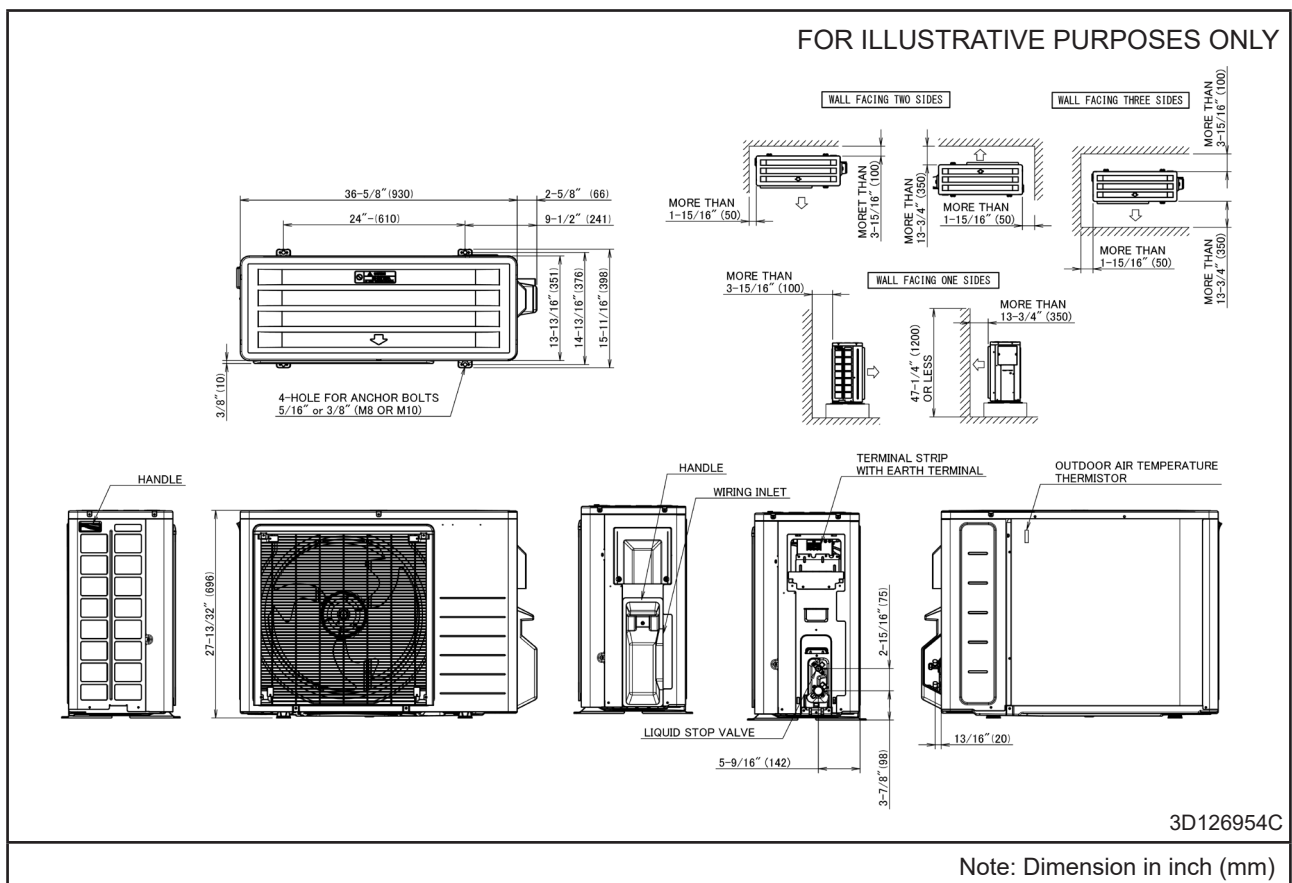


## Outdoor Unit

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