



Submittal Data Sheet
 1.5-Ton Mini-Split Cooling Only
 FTK18BXVJURK18BXVJU

MODEL	INDOOR UNIT		FTK18BXVJU
	OUTDOOR UNIT		RK18BXVJU
Rated Capacity (Min. ~ Max.)		kW	5.28 (2.02 - 5.86)
		Btu/h	18000 (6900 - 20000)
Moisture Removal		gal/h	0.41
Rated Running Current		A	6.39
Rated Power Consumption		W	1440
EER2		Btu/h/W	12.5
SEER2			20.0
Piping Connections	Liquid	inch (mm)	1/4" (6.35)
	Gas	inch (mm)	1/2" (12.70)
Refrigerant	Type		R410A
	Charge	lbs (kg)	3.20 (1.45)
Max. Interunit Piping Length		ft (m)	98-1/2 (30)
Max. Interunit Height Difference		ft (m)	65-5/8 (20)
Chargeless		ft (m)	32-13/16 (10)
Amount of Additional Charge of Refrigerant		oz/ft (g/m)	0.21 (20)
Drawing No.			3D143694C
INDOOR UNIT			FTK18BXVJU
Front Panel Colour			WHITE
Airflow Rate	Turbo	CFM	754
	High	CFM	716
	Medium	CFM	605
	Low	CFM	467
	Quiet	CFM	395
Sound Pressure Level (H/M/L/Q)		dBA	49/44/38/33
Fan	Type		CROSS FLOW
	Drive		DIRECT
	Speed		3 STEPS, QUIET, AUTO, TURBO
Fan Motor	Type		DIRECT CURRENT
	Motor Output	W	39
	Running Current (Rated)	A	0.17
	Power Consumption (Rated)	W	54

Daikin Comfort Technologies North America, Inc 19001 Kermier Rd Waller TX 77484
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Air Direction Control		UP, DOWN, LEFT, RIGHT	
Air Filter		CATECHIN	
Dimensions (H x W x D)	inch (mm)	11-11/16 x 39-1/2 x 11-1/3 (297 x 1005 x 288)	
Weight	lbs (kg)	31 (14.0)	
Gross Weight	lbs (kg)	36 (16.5)	
Condensate Drain Size	inch (mm)	5/8 (16)	
Document No.		3D143550B	
OUTDOOR UNIT		RK18BXVJU	
Casing Colour		IVORY WHITE	
Airflow Rate	High	CFM	
		1987	
Sound Pressure Level		dBA	
		54	
Fan	Type	PROPELLER	
	Drive	DIRECT	
Fan Motor	Type	DIRECT CURRENT	
	Index of protection (IP)		23
	Insulation Grade		E
	Running Current (Rated)	A	1.30
	Power Consumption (Rated)	W	85
	Motor Output	W	55
Poles		8	
Compressor	Type	HERMETIC SWING	
	Model		2Y147AKCX2A
	Oil type		DAPHNE FVC50K
	Oil amount	oz (cm3)	21.5 (650)
Heat Exchanger Type		FIN TUBE	
Dimensions (H x W x D)	inch (mm)	27-13/32 x 36-5/8 x 13-13/16 (696 x 930 x 351)	
Weight	lbs (kg)	95 (43)	

Conditions Based on INDOOR: 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB) OUTDOOR: 95°FDB (35°CDB)

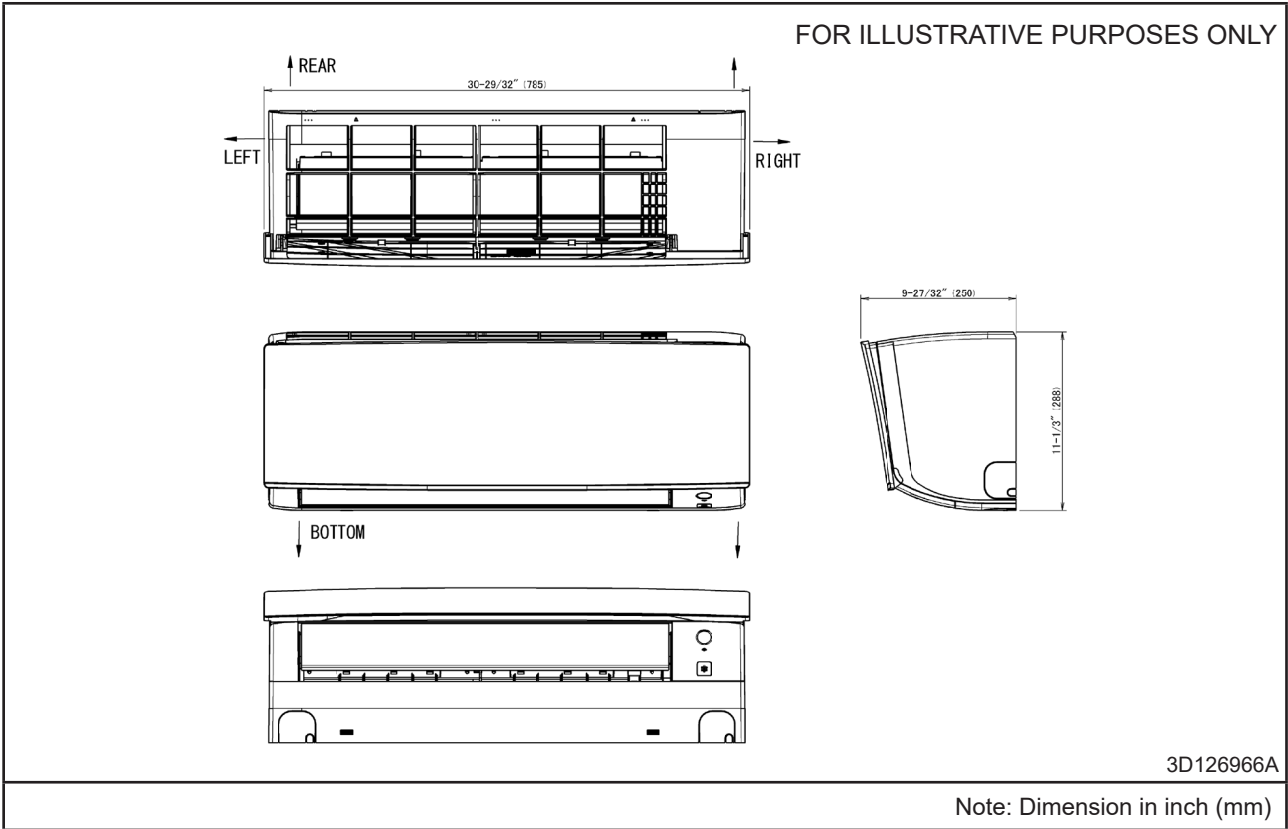
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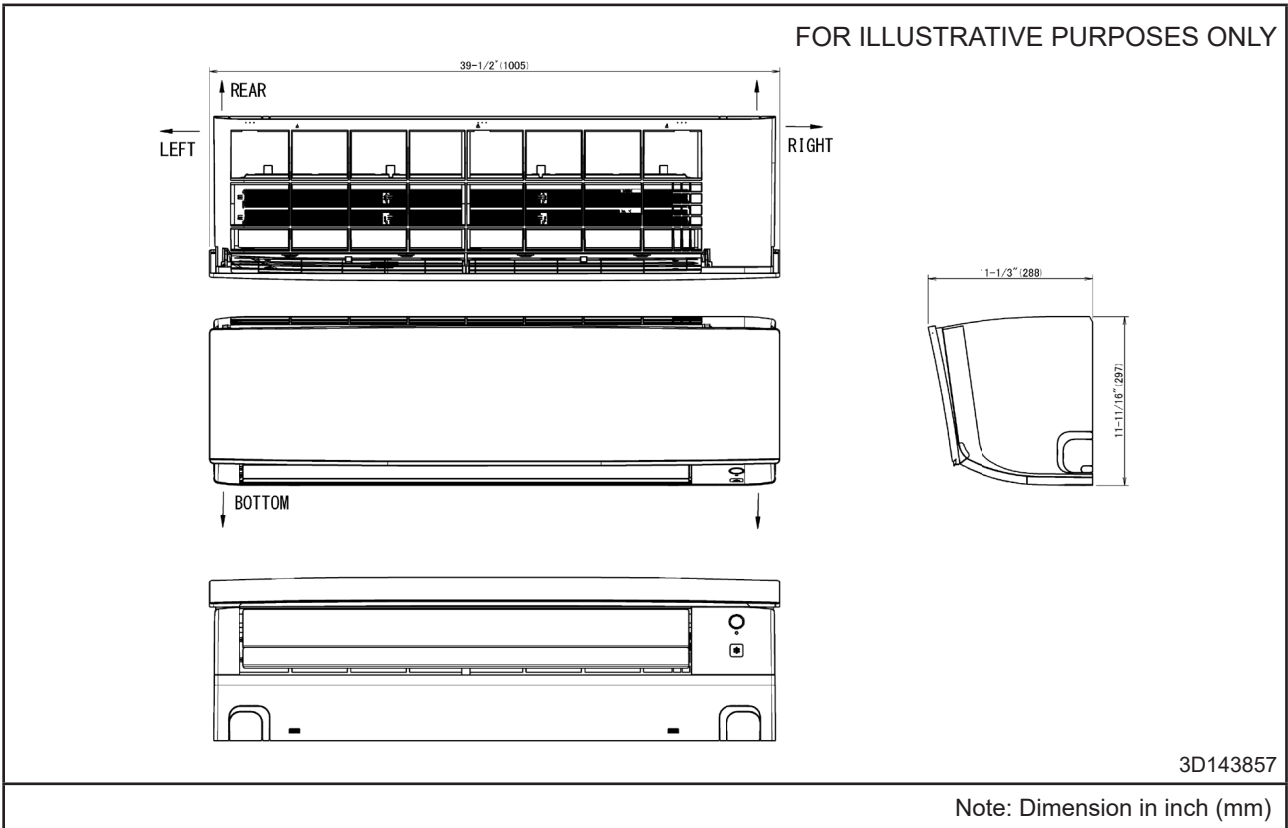
Dimensions

Indoor Unit

Model : FTK09/12B, FTX09/12B

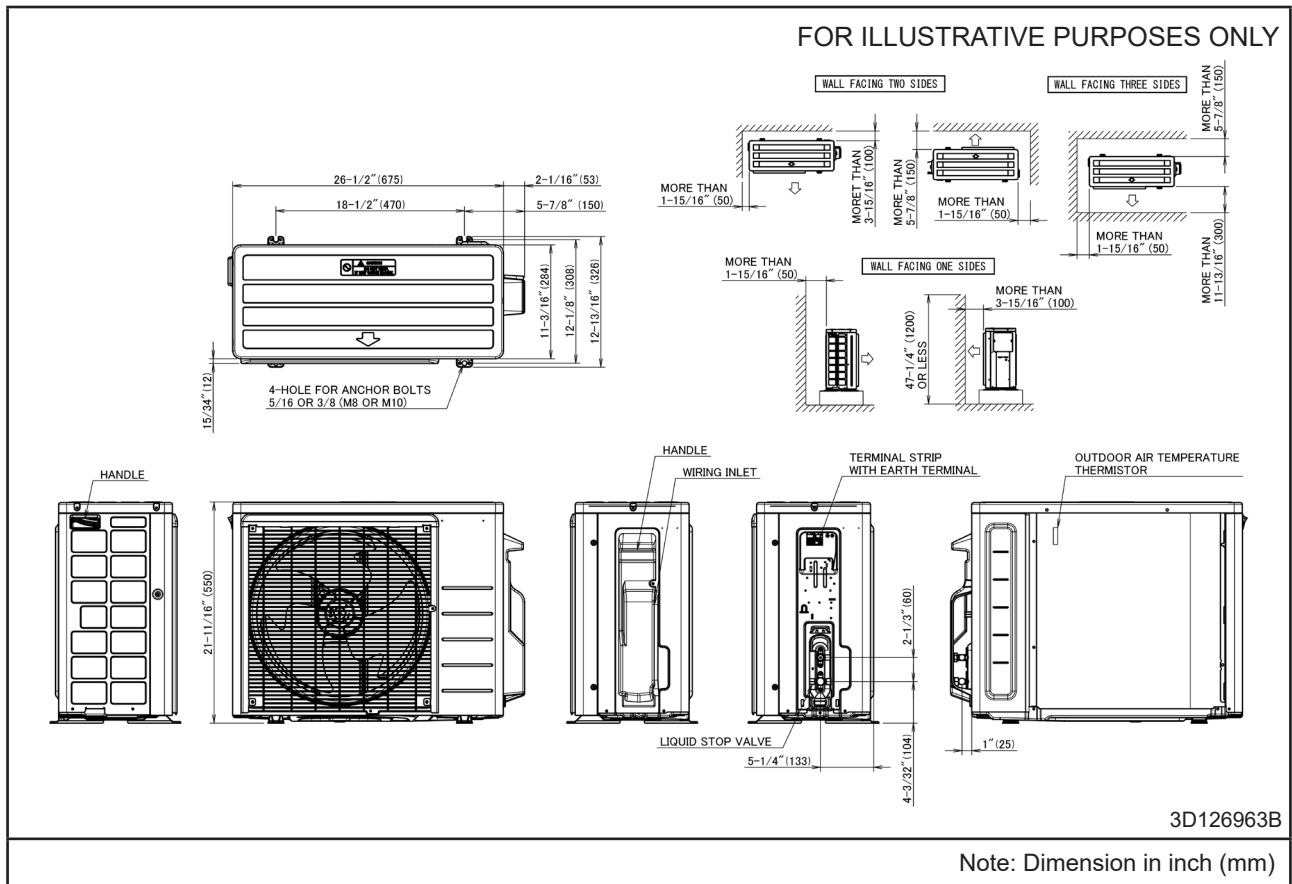


Model : FTK18/24B, FTX18/24B

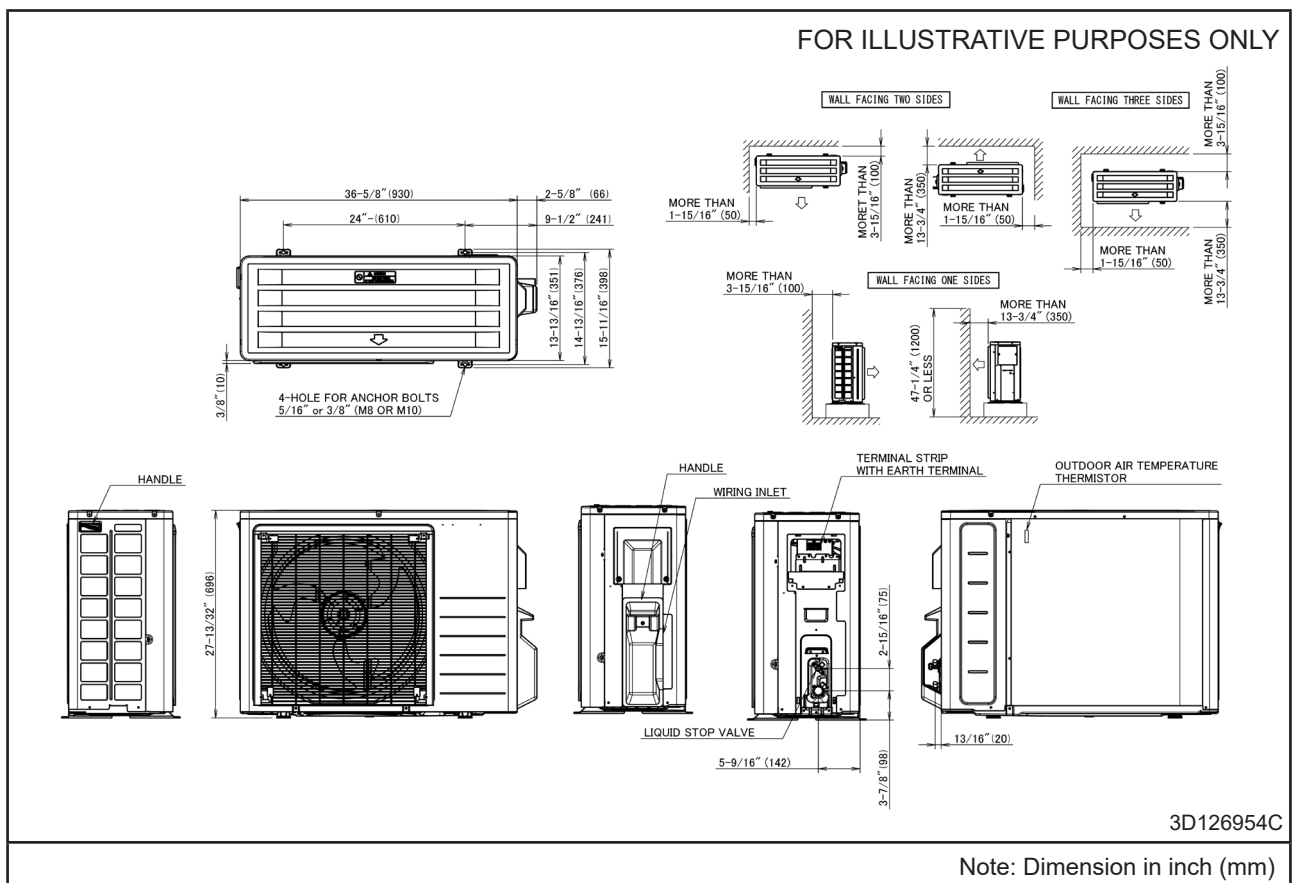


Outdoor Unit

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
FTK09B	RK09B	60Hz-208V	MAX. 60Hz 253V MIN. 60Hz 187V	12.35	15	64	3.34	0.026	0.60	0.022	0.35
		60Hz-230V									
FTK12B	RK12B	60Hz-208V	MAX. 60Hz 253V MIN. 60Hz 187V	12.40	15	88	5.14	0.026	0.61	0.022	0.40
		60Hz-230V									
FTK18B	RK18B	60Hz-208V	MAX. 60Hz 253V MIN. 60Hz 187V	13.55	20	76	5.71	0.055	1.30	0.039	0.55
		60Hz-230V									
FTK24B	RK24B	60Hz-208V	MAX. 60Hz 253V MIN. 60Hz 187V	13.55	20	94	8.57	0.055	1.30	0.039	0.55
		60Hz-230V									
FTX09B	RX09B	60Hz-208V	MAX. 60Hz 253V MIN. 60Hz 187V	12.35	15	88	4.34	0.026	0.60	0.022	0.35
		60Hz-230V									
FTX12B	RX12B	60Hz-208V	MAX. 60Hz 253V MIN. 60Hz 187V	12.40	15	96	5.57	0.026	0.61	0.022	0.40
		60Hz-230V									
FTX18B	RX18B	60Hz-208V	MAX. 60Hz 253V MIN. 60Hz 187V	16.55	20	90	8.17	0.055	1.30	0.039	0.55
		60Hz-230V									
FTX24B	RX24B	60Hz-208V	MAX. 60Hz 253V MIN. 60Hz 187V	16.55	20	104	10.36	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

3D142348