

Daikin **OTERRA** With built in Wi-Fi

Wall-Mounted Heating & Cooling

21 SEER2 | Up to 10.2 HSPF2 | Up to 12.5 EER2

R32



Daikin **OTERRA** Wall Mount Systems provide energy efficiency and comfort control with an affordable, cost-saving solution. Available in both heat pump and cooling only models, these systems feature streamlined, wall-mounted indoor units paired with quiet and compact outdoor units.

Standard Features

- » Energy Efficient – 21 SEER2, Up to 10.2 HSPF2, Up to 12.5 EER2 for ultra-efficient cooling and heating operation and reduced operating costs compared to conventional lower-efficiency systems.
- » Cooling Range: 50°F DB to 118°F DB (10° C DB to 48°C DB); for 9 and 12K, 50°F DB to 122°F DB (10°C DB to 50° C DB); for 18 and 24K. Extended operation to -4°F DB (-20°C DB) with facility setting and wind baffle.
- » Heating Range: 5°F WB - 65°F WB (-15°C WB - 18°C WB)

Optional Features

- » Wired controller
- » Compatible with Daikin *ONE* smart thermostats, *SkyportHome* App, or *DKN Plus* Interface



ECO+ – An intelligent feature that ensures optimum energy consumption while fulfilling basic human comfort needs. Once activated, set temperature will be adjusted automatically to an optimum energy consumption level



Blue Fin Protection – The hydrophilic coated fin ensures the condensate water moves easily to the drain pan — thus enhancing the cleanliness and lifespan of the cooling coil.



Simplified Maintenance – The indoor unit has been re-designed for easier removal of the drain pan, blower wheel, and indoor fan motor (compared to other wall-mounted units).

IDEAL SOLUTIONS FOR:

- » Renovations, remodeling and new construction
- » Sun rooms, basements, attics, garages, hot or cold rooms, and more
- » Rooms where floor space comes at a premium or is not available for other application
- » Ceiling void or attic does not allow for a viable duct run option
- » Cooling Only models are an excellent value for space not requiring heating



Our outdoor unit drain pans have up to 16 holes which allows for effective drainage of condensation. In some case, this improved drain pan design eliminates the need for drain pan heaters, resulting in higher efficiencies in low ambient temperatures.





Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet **ENERGY STAR®** criteria. Ask your contractor for details or visit www.energystar.gov.

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Cooling only System

Model		Indoor Unit		FTKF09BVJU9	FTKF12BVJU9	FTKF18BVJU9	FTKF24BVJU9
		Outdoor Unit		RKF09BVJU9	RKF12BVJU9	RKF18BVJU9	RKF24BVJU9
Capacity Rated (Min. ~ Max.)			Btu/h	9,000	12,000	18,000	22,400
				(4,400 ~ 11,200)	(4,400 ~ 14,600)	(6,900 ~ 22,000)	(7,000 ~ 26,400)
EER2 Rated				12.5		12	
SEER2				21			
Piping Connections	Liquid	in. (mm)	Ø 1/4 (Ø 6.4)				
	Gas		Ø 3/8 (Ø 9.5)		Ø 1/2 (Ø 12.7)	Ø 5/8 (Ø 15.9)	
	Drain		Ø 5/8 (Ø 16.0)				
Max. Interunit Piping Length		ft (m)	65-5/8 (20)		98-1/2 (30)		
Max. Interunit Height Difference			49-1/4 (15)		65-5/8 (20)		
Chargeless			49-1/4 (15)				
Amount of Additional Charge of Refrigerant			oz/ft (g/m)	0.22 (20)			
Operating Range - Cooling		°F DB	50 ° - 118 °F		50 ° - 122 °F		
Operating Range - Low-Ambient Cooling**			5 ° - 118 °F		5 ° - 122 °F		
Operating Range - Cooling with Optional Air Adjustment Grille**			-4 ° - 118 °F		-4 ° - 122 °F		
Indoor Unit			FTKF09BVJU9	FTKF12BVJU9	FTKF18BVJU9	FTKF24BVJU9	
Airflow Rate	H	cfm (m³/min)	381 (10.8)	436 (12.3)	565 (16)	629 (17.8)	
	M		272 (7.7)	316 (8.9)	463 (13.1)	501 (14.2)	
	L		230 (6.5)	247 (7.0)	378 (10.7)	378 (10.7)	
	SL		124 (3.5)	132 (3.7)	335 (9.5)	335 (9.5)	
Fan	Speed	Steps	3 Steps, Auto, Quiet, Turbo				
Air Direction Control			Vertical, Horizontal				
Air Filter			Catechin				
Dimensions		in.	11-1/4 × 30-5/8 × 8-3/4			11-5/8 X 39-3/8 X 10-3/8	
(H × W × D)		(mm)	(286 X 778 X 223)			(295 X 1000 X 263)	
Weight		Lbs (kg)	19.8 (9.0)	19.8 (9.0)	28(13)		
Sound Pressure Level (H / M / L / SL)		dB(A)	44 / 35 / 30 / 19	46 / 37 / 31 / 19	48 / 43 / 37 / 33	52 / 45 / 38 / 34	
Outdoor Unit			RKF09BVJU9	RKF12BVJU9	RKF18BVJU9	RKF24BVJU9	
Refrigerant	Type		R-32				
	Charge	Lbs (kg)	1.65 (0.75)	1.74 (0.79)	2.45 (1.11)		
Airflow Rate		H	cfm (m³/min)		1088 (30.8)		
Dimensions		in.	21-15/16 X 26-9/16 X 11-3/16			29-1/2 X 34-1/4 X 12-5/8	
(H × W × D)		(mm)	(557 × 675 × 284)			(750 X 870 X 320)	
Weight		Lbs (kg)	63 (28)				113 (52)
Sound Pressure Level	H	dB(A)	49	49	54	54	
ENERGY STAR® Certified			Yes	Yes	Yes	Yes	

**Cutting a jumper or a dipswitch setting is required. Refer to installation manual.

Unit Combination		Power Supply				Fan/Compressor	Indoor Fan
INDOOR UNIT	OUTDOOR UNIT	HZ - VOLTS	VOLTAGE RANGE	MCA	MOCP	INVERTER DRIVE INPUT	INVERTER DRIVE INPUT
FTKF09BVJU9	RKF09BVJU9	60 - 208	Min. 60 Hz 187 V Max. 60 Hz 253 V	11.6	15	9	0.2
		60 - 230					
FTKF12BVJU9	RKF12BVJU9	60 - 208	Min. 60 Hz 187 V Max. 60 Hz 253 V	14.6	15	11.4	0.23
		60 - 230					
FTKF18BVJU9	RKF18BVJU9	60 - 208	Min. 60 Hz 187 V Max. 60 Hz 253 V	21.4	25	17.4	0.4
		60 - 230					
FTKF24BVJU9	RKF24BVJU9	60 - 208	Min. 60 Hz 187 V Max. 60 Hz 253 V	21.6	25	17.6	0.45
		60 - 230					