

Daikin *POLARA*

Wall-Mounted Heat Pump & Cooling Only
Up to 19 SEER2 | Up to 10 EER2

R32



Daikin *POLARA* is available in both cooling only and heat pump configurations. This feature-packed wall-mount unit offers extended capacity in an elegant design. Comfort Airflow, 3-D Airflow and Wide Angle Louvers are just a few of the features used in the new Daikin *POLARA* to improve comfort in a room.

Standard Features

- » Energy Efficient – Up to 19 SEER2, Up to 10 EER2 Up to 8.1 HSPF2 – Variable-Speed, Inverter, Compressor
- » Cooling Range: 50° - 115°F (Extended operation to -22° - -115°F with facility setting and air adjustment grille)
- » Heating Range: 5° - 65°F
- » Indoor Sound Pressure as Low as 38 dB(A)
- » Outdoor Sound Pressure as Low as 56 dB(A)
- » Power airflow dual flaps and 3-D Airflow
- » Titanium Apatite Photocatalytic Air Purifying Filter
- » Weekly timer
- » Program Dry Function
- » Econo Mode
- » Powerful Operation Mode
- » Backlit Wireless Remote Controller
- » Auto-Changeover
- » Auto-Fan Speed Control
- » Self Diagnostics with Digital Display
- » Auto-Restart After Power Failure
- » Anti-Corrosion Heat Exchanger Treatment
- » Quick Warming Function
- » Hot Start Function
- » Automatic Defrosting
- » Compatible with Daikin *ONE* smart thermostats, *SkyportHome* App, or *DKN Plus* Interface



Hot Start – (Heat Pump) When the heating operation starts or when the unit changes from cooling to heating, there is no cold draft.



3-D Airflow – Combines vertical and horizontal auto-swing to circulate cool/warm air to the corners of large spaces.



Automatic Defrosting – Sensor performs automatic defrosting of the outdoor heat exchanger if necessary, ensuring optimum heating performance. (Heat pumps only)



Econo Mode – Limits the maximum operating current and power consumption of the outdoor unit by approximately 30% during start-up. This saves energy and reduces the load on the electrical circuit when multiple electrical devices are used simultaneously.



2-Area Intelligent Eye – The two-area intelligent eye sensor controls comfort in two ways. If the room is empty for 20 minutes, it changes the set point to start saving energy. As soon as someone enters the room, it immediately returns to the original setting. The intelligent eye also directs air flow away from people in the room to avoid cold drafts.



Program Dry Function – This gives priority to reducing the level of humidity in the room rather than room temperature.

IDEAL SOLUTIONS FOR:

- » Renovations, remodeling and new construction
- » Basements, attics and garages
- » Ceiling void or attic does not allow for a viable duct run option
- » New construction





Part Number	Optional Accessories for Indoor Unit	Part Number	Optional Accessories for Outdoor Unit
BRC944B2-A08	Wired Remote Controller (Requires 1 cord below)	KPW063B4	Air Direction Adjustment Grille
BRCW901A03	Wired Remote Controller Cord (Shielded wire) 9.8 ft	KKG063A42	Back Protection Wire Net
BRCW901A08	Wired Remote Controller Cord (Shielded wire) 26.3 ft	KKP937A4	Drain Plug - Standard
KAF970A48	Titanium Apatite Deodorizing Filter (Without frame) Standard	KEH063A4E	Drain Pan Heater
KKF910AA4	Remote Controller Loss Prevention with Chain	KPS063A41	Snow Hood (Intake side panel)
DTST-LTE-LA-A	Daikin ONE Lite smart thermostat	KPS063A44	Snow Hood (Intake side panel)
DTST-CWBSA-NI-B +DAPT-ONE-VMS	Daikin ONE+ smart thermostat		
DTST-TOU-A+ DAPT-ONE-VMS	Daikin ONE Touch smart thermostat		
AZAI6WSCDKB	DKN Residential Cloud Wi-Fi Adaptor		
AZAI6WSPDKC	Daikin DKN Plus Interface		

Cooling only System

Model	Indoor Unit		FTXV30AVJU9	FTXV36AVJU9
	Outdoor Unit		RKV30AVJU9	RKV36AVJU9
Cooling capacity rated (Min. - Max.)	Btu/h		31,400 (10,200 ~ 31,400)	34,400 (10,200 ~ 34,400)
EER2 Rated			10	9.8
SEER2			19	18
Piping Connections	Liquid	in. (mm)	Ø 1/4 (Ø 6.4)	
	Gas		Ø 5/8 (Ø 16.0)	
	Drain		Ø 5/8 (Ø 16.0)	
Max. Interunit Piping Length			98-1/2 (29.8)	
Max. Interunit Height Difference	ft. (m)		65-5/8 (20)	
Chargeless			32-3/4 (10)	
Amount of Additional Charge of Refrigerant	oz/ft (g/m)		0.22 (20)	
Operating Range - Cooling			50° - 115°F	
Operating Range - Enhanced Cooling*			14° - 115°F	
Operating Range - Low Ambient Cooling**			-4° - 115°F	
Operating Range - Ultra Low Ambient Cooling***			-22° - 115°F	
Airflow Rate	Indoor Unit		FTXV30AVJU9	FTXV36AVJU9
	H	cfm (m³/min)	925	971
	M		784	794
	L		600	600
SL	533		533	
Fan	Speed	Steps	1,250 / 1,100 / 880 / 800	
Air Direction Control			Right, Left, Horizontal, Downward	
Air Filter			Removable, Washable	
Dimensions (H × W × D)	in. (mm)		12-15/16 × 48-13/16 × 10-15/16 329 × 1,240 × 278	
Weight	lbs. (kg)		42(19)	
Sound Pressure Level (H / M / L / SL)	dB(A)		53 / 47 / 40 / 37	54 / 47 / 40 / 37
Refrigerant	Outdoor Unit		RKV30AVJU9	RKV36AVJU9
	Type		R-32	
	Charge	lbs. (kg)	3.68 (1.67)	3.68 (1.67)
Airflow Rate	H	cfm (m³/min)	73.2 (2,585)	81.3 (2,871)
	SL		—	—
Dimensions (H × W × D)	in. (mm)		29-1/2 × 34-1/4 × 12-5/8 750 × 870 × 320	
Weight	lbs. (kg)		128 (58)	128 (58)
Sound Pressure Level	H		57	60

* Activated with a dipswitch setting. Refer to installation manual for more details.

** Activated with a dipswitch setting and use of air direction adjustment grille (KPW063B4). Refer to installation manual for more details.

*** Activated with additional dipswitch setting and notes per **. Refer to installation manual for more details.

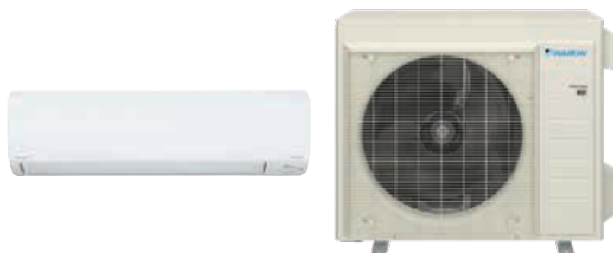
Unit Combination		Power Supply				Fan/Compressor		Indoor Fan
INDOOR UNIT	OUTDOOR UNIT	Hz - VOLTS	VOLTAGE RANGE	MCA	MOP	INVERTER DRIVE INPUT	INVERTER DRIVE INPUT	
FTXV30AVJU9	RKV30AVJU9	60 - 208	Min. 187 V Max. 253 V	21.8	25	17.5	0.39	
		60 - 230						
FTXV36AVJU9	RKV36AVJU9	60 - 208	Min. 187 V Max. 253 V	21.9	25	17.6	0.39	
		60 - 230						

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Wall-Mounted Heat Pump

Up to 19 SEER2 | Up to 8.1 HSPF2



Heat Pump System

Model	Indoor Unit		FTXV30AVJU9		FTXV36AVJU9		
	Outdoor Unit		RXV30AVJU9		RXV36AVJU9		
				Cooling	Heating	Cooling	Heating
Capacity Rated		Btu/h		31,400	34,800	34,400	36,000
(Min. - Max.)				(10,200 ~ 31,400)	(10,200 ~ 34,800)	(10,200 ~ 34,400)	(10,200 ~ 36,000)
COP Rated				—		—	
EER2 Rated				10		9.8	
SEER2				19		18	
HSPF2				8.1		8	
Piping Connections		Liquid	in. (mm)	Ø 1/4 (6.4)			
		Gas		Ø 5/8 (15.9)			
		Drain		Ø 5/8 (16.0)			
Max. Interunit Piping Length				98-1/2 (30)			
Max. Interunit Height Difference				65-5/8 (20)			
Chargeless				32-3/4 (15)			
Amount of Additional Charge of Refrigerant		oz/ft (g/m)		0.22 (20)			
Operating Range - Cooling				50° - 114.8°F			
Operating Range - Enhanced Cooling**		°F DB		5° - 64.4°F			
Operating Range - Low Ambient Cooling***				14° - 114.8°F			
Operating Range - Heating		°F WD		4° - 114.8°F			
Indoor Unit				FTXV30AVJU9		FTXV36AVJU9	
Airflow Rate	H	cfm (m³/min)	925(26.2)	1091(30.9)	971(27.5)	1091(30.9)	
	M		794(22.5)	900(25.5)	794(22.5)	900(25.5)	
	L		600(17)	671(19)	600(17)	671(19)	
	SL		533(15.1)	498(14.1)	533(15.1)	498(14.1)	
Air Direction Control				Right, Left, Horizontal, Downward			
Air Filter				Removable, Washable			
Dimensions (H x W x D)		in. (mm)		12-15/16 x 48-13/16 x 10-15/16			
Weight		lbs. (kg)		329 x 1,240 x 278			
Sound Pressure Level (H / M / L / SL)		dB(A)		53 / 47 / 40 / 37	54 / 49 / 42 / 35	54 / 47 / 40 / 37	54 / 49 / 42 / 35
Outdoor Unit				RXV30AVJU9		RXV36AVJU9	
Refrigerant	Type		R-32				
	Charge	lbs. (kg)	3.68 (1.67)		3.68 (1.67)		
Airflow Rate	H	cfm (m³/min)	73.2 (2,585)	73.2 (2,585)	81.3 (2,871)	75.6 (2,669)	
	SL		—	—	—	—	
Dimensions (H x W x D)		in. (mm)		29-1/2 x 34-1/4 x 12-5/8			
Weight		lbs. (kg)		128(58)		128(58)	
Sound Pressure Level		H		dB(A)		60-61	

** Activated with a dipswitch setting. Refer to installation manual for more details.

*** Activated with a dipswitch setting and use of air direction adjustment grille (KPW063B4). Refer to installation manual for more details.

Unit Combination		Power Supply				Fan/Compressor	Indoor Fan
INDOOR UNIT	OUTDOOR UNIT	Hz - VOLTS	VOLTAGE RANGE	MCA	MOP	INVERTER DRIVE INPUT	INVERTER DRIVE INPUT
FTXV30AVJU9	RXV30AVJU9	60 - 208	Min. 187 V Max. 253 V	22	25	17.6	0.39
		60 - 230					
FTXV36AVJU9	RXV36AVJU9	60 - 208	Min. 187 V Max. 253 V	22	25	17.6	0.39
		60 - 230					