

Daikin *AURORA*

Floor Mounted Single Zone Heat Pump System
19.5 SEER2 | Up to 12 EER2 | Up to 9.7 HSPF2

R32



Daikin *AURORA* floor-mounted units are simple to install and can be setup in various configurations, on the floor or hanging low on a wall. Its low height enables the unit to fit perfectly beneath a window. The airflow distribution pattern of Daikin's floor-mounted unit is ideal for heating or cooling a space, and is a perfect replacement to traditional radiant systems. For all regions, the outdoor units of this Daikin *AURORA* heat pump system have been redesigned to withstand extreme weather conditions, even when it is down to -13°F WB (-25°C WB) or up to 115°F DB (46°C DB) for year round comfort.

Standard Features

- » Energy Efficient – 19.5 SEER2, Up to 9.7 HSPF2, Up to 12 EER2
 - » Up to 100% rated cooling capacity at 104°F DB (40°C DB).
 - » Cooling Range: 50° - 115°F (Extended operation to -4° - 115°F with facility setting and air adjustment grille)
 - » Heating Range: -13° - 60°F
 - » Redesigned PCB in the outdoor unit to withstand extreme conditions
 - » Indoor Sound Pressure as Low as 23* dB(A)
 - » Outdoor Sound Pressure as Low as 49 dB(A)
 - » Washable Air Filter
 - » Program Dry Function
 - » Econo Mode
 - » Titanium Apatite Photocatalytic Air Purifying Filter
 - » Powerful Operation Mode
 - » Backlit Wireless Remote Controller
 - » Outdoor Unit Quiet Operation
 - » 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
- *On SL fan speed

Optional Features

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



Daikin *AURORA* heat pump for extreme weather conditions – Up to 100% rated heating capacity at 5°F WB (-15°C WB) and confirmed continuous operation, as low as -13°F WB (-25°C WB) ambient temperature.



Auto-Restart – The unit memorizes the operation mode, airflow and temperature settings. Should there be a power failure when the unit is in operation, it will automatically return to the same operating conditions when the power is restored.



Titanium Apatite Photocatalytic Air Purifying Filter – This filter combines the air-purifying filter and titanium apatite photocatalytic deodorizing filter in a single highly effective unit.



Comfort Mode – Comfort Mode operation improves comfort. When cooling, the flap positions itself horizontally to prevent cold airflow from being blown directly onto the body. When heating, the flap turns vertically downwards to drive warm air to the bottom of the room.



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



Powerful Operation Mode – Pushing the POWERFUL button on the remote control gives you a boost in cooling or heating power for a 20-minute period, even if the unit is already operating at high capacity.



Our outdoor unit drain pans have up to 14 holes which allows for effective drainage of condensation. In some cases, this improved drain pan design eliminates the need for drain pan heaters, resulting in higher efficiencies in low ambient temperatures.



Part Number	Optional Accessories for Indoor Unit	Part Number	Optional Accessories for Outdoor Unit
BRC944B2-A08	Wired Remote Controller kit (Adaptor Required)	DACA-WB-1	Powder-Coated Wall-Mounted Bracket
BRCW901A08	Wired Remote Controller Cord - 8m	KPW063B4	Air direction adjustment grille (15)
DACA-BRCW901P10	Remote Controller Cable, Plenum Rated, 10 ft	KPW937F4	Air direction adjustment grille (09 & 12)
DACA-BRCW901P25	Remote Controller Cable, Plenum Rated, 25 ft	KEH067A41E(A)	Daikin BMS Drain Pan Heater Small (09 & 12)
KAF968B42	Titanium apatite photocatalytic air-purifying filter WITH frame	KEH063A4E	Daikin BML Drain Pan Heater Large (15)
83930	Silent Plus Mini White Pump	KKG067A41	Back protection wire net (09 & 12)
DACA-CP1-1	Condensate Pump (Fits inside all Daikin indoor unit heads)	KKG063A42	Back protection wire net (15)
DTST-LTE-LA-A	Daikin ONE Lite smart thermostat	RAQAHLGD2	Rear coil guard (09 & 12)
DTST-TOU-A + DAPT-ONE-VMS	Daikin ONE Touch smart thermostat	KPS067A42	Snow hood (intake rear plate) (09 & 12)
DTST-CWBSA-NI-B + DAPT-ONE-VMS	Daikin ONE + smart thermostat	KPS067A44	Snow hood (outlet) (09 & 12)
AZAI6WSCDKB	DKN Residential Cloud Wi-Fi Adaptor	KPS063A41	Snow hood (intake side plate) (15)
AZAI6WSPDKC	Daikin DKN Plus Interface	KPS063A44	Snow hood (intake rear plate) (15)
		KPS063A47	Snow hood (outlet) (15)
		KKP937A4	Drain Plug for OD Unit

Model	Indoor Unit		FVXV09AVJUW9/T9		FVXV12AVJUW9/T9		FVXV15AVJUW9/T9		FVXV18AVJUW9/T9	
	Outdoor Unit		RXP09AVJU9		RXP12AVJU9		RXP15AVJU9		RXP18AVJU9	
	Capacity Rated (Min. ~ Max.)	Btu/h	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
		gal/h	9,000 (3,700 ~ 10,900)	12,000 (4,600 ~ 17,100)	12,000 (3,700 ~ 12,600)	14,000 (4,600 ~ 19,900)	15,000 (6,100 ~ 19,100)	18,000 (7,300 ~ 20,400)	17,600 (6,200 ~ 21,400)	20,000 (8,300 ~ 21,800)
COP Rated				1.8		1.8		1.8		1.8
EER2 Rated			12		10.5		12		12	
SEER2			19.5	9.7	19.5	9.5	19.5	9.5	19.5	9.5
HSPF2				9.7		9.5		9.5		9.5
Piping Connections	Liquid	in. (mm)	Ø 1/4 (Ø 6.4)							
	Gas		Ø 3/8 (Ø 9.5)				Ø 1/2 (Ø 12.7)			
	Drain		Ø 13/16 (Ø 20.0)							
Max. Interunit Piping Length			65-5/8 (20)				98-1/2 (30)			
Max. Interunit Height Difference		ft. (m)	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			50 ° - 115 °F							
Operating Range - Low-Ambient Cooling*		°F DB	14 ° - 115 °F							
Operating Range - Cooling with Optional Air Adjustment Grille*			-4 ° - 115 °F							
Operating Range - Heating†		°F WB	-13 ° - 65 °F							

Airflow Rate	Indoor Unit		FVXV09AVJUW(T)9		FVXV12AVJUW(T)9		FVXV15AVJUW9/T9		FVXV18AVJUW9/T9			
	H	M	cfm	(m³/min)	297 (8.4)	321 (9.1)	297 (8.4)	371 (10.5)	392 (11.1)	417 (11.8)	448 (12.7)	455 (12.9)
	M		265 (7.5)	261 (7.4)	265 (7.5)	300 (8.5)	311 (8.8)	321 (9.1)	332 (9.4)	360 (10.2)		
	L		201 (5.7)	219 (6.2)	201 (5.7)	219 (6.2)	254 (7.2)	272 (7.7)	286 (8.1)	290 (8.2)		
	SL		173 (4.9)	191 (5.4)	173 (4.9)	191 (5.4)	201 (5.7)	215 (6.1)	240 (6.8)	240 (6.8)		
Fan	Speed	Steps	5 Steps, Quiet, Auto									
Air Direction Control			Right, Left, Horizontal, Downward									
Air Filter			Removable, Washable, Mildew Proof									
Dimensions (H x W x D)		in. (mm)	23-5/8 x 29-1/2 x 9-3/8 (600 x 750 x 238)									
Weight		lbs. (kg)	40 (18)									
Sound Pressure Level (H / M / L / SL)		dB(A)	39 / 36 / 30 / 26	40 / 35 / 31 / 26	41 / 36 / 30 / 26	43 / 38 / 31 / 26	46 / 40 / 36 / 30	46 / 40 / 36 / 30	49 / 42 / 38 / 34	49 / 43 / 37 / 33		
Compressor	Motor Output	W	715-715	969-969	972-972	1113-1113	1105-1105	1643-1643	1,467 - 1,467	1,724 - 1,724		
Refrigerant	Type		R-32									
	Charge	lbs. (kg)	2.09 (0.95)			3.20 (1.45)			3.04 (2.38)			
Airflow Rate	H	cfm (m³/min)	1,088(30.8)	1126 (31.9)	1126 (31.9)	1126 (31.9)	2,383 (67.5)	2,327 (65.9)	2,383 (67.5)	2,327 (65.9)		
Dimensions (H x W x D)		in. (mm)	21-15/16 x 26-9/16 x 11-3/16 (557 x 675 x 284)				29-1/2 x 34-1/4 x 12-5/8 (750 x 870 x 320)					
Weight		lbs. (kg)	72 (33)			72 (33)			127 (58)			

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

† The installation of an optional drain-pan is recommended in areas where ambient temperature may fall below 5°F (-15°C) or in areas of heavy snowfall or high levels of wintertime humidity.

Unit Combination		Power Supply				Fan/Compressor		Indoor Fan
INDOOR UNIT	OUTDOOR UNIT	Hz - VOLTS	VOLTAGE RANGE	MCA	MOCP	INVERTER DRIVE INPUT	INVERTER DRIVE INPUT	
FVXV09AVJUW(T)9	RXP09AVJU9	60 - 208 60 - 230	Min. 187 V Max. 253 V	11.6	15	9	0.13	
FVXV12AVJUW(T)9	RXP12AVJU9	60 - 208 60 - 230	Min. 187 V Max. 253 V	14.6	15	11.4	0.16	
FVXV15AVJUW(T)9	RXP15AVJU9	60 - 208 60 - 230	Min. 187 V Max. 253 V	16.1	20	12.7	0.18	
FVXV18AVJUW(T)9	RXP18AVJU9	60 - 208 60 - 230	Min. 187 V Max. 253 V	21.4	25	17.6	0.21	