Single and Multi-Zone Systems



DAIKIN HAS A FOCUS AND TRACK RECORD OF QUALITY

With 100 years of HVAC history since its founding, Daikin has created a global indoor comfort revolution with innovative new technologies and products that have brought firsts to the world. From the introduction of new compressor designs or new ways to precisely control refrigerant flow, Daikin strives to be a global leader by investing in technology. We bring this same focus on innovation to North America, applying our portfolio of product features from around the world to meet the unique or specialized applications we face in North America homes and businesses.

Optimal design and comfort for the or the whole home & light commercial applications

Integrated design
Daikin indoor single and multi-zone units offer homeowners a discreet, modern design. The unit's smooth curve blends beautifully with the wall resulting in an unobtrusive presence that matches virtually all interior décors.

Efficient and smart
Inside the single and multi-zone system is a highly intelligent system, with innovative features designed to reduce power consumption. Some units offer whisper-quiet performance down to 19* db(A) to further to your sense of comfort.

Intelligent eye
The intelligent eye occupancy sensor, available on select models, controls comfort and conserves energy. 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. Regular use of this feature can provide additional energy savings of up to 20% or more compared to units without this feature.

Daikin single and multi-zone systems offer dealers:

- High-quality, energy-efficient comfort solutions
- Opportunities to spend less time on installations and more time with new customers
- Differentiated product offerings that deliver improved customer satisfaction
- Outstanding limited warranties** and reduced call backs

*On SL fan speed in cooling mode

ASURE

Adds value to homeowner's purchase. Provides the homeowner peace-of-mind that they have protected their investment and guaranteed their comfort system for the terms of their agreement against unplanned repair bills.

*See inside back cover for more information.





As an innovation leader, Daikin is laying the foundation for next generation technology with multiple cutting-edge core technologies. Forbes Magazine recognized Daikin as an innovation leader, putting Daikin on its list of the 100 Most Innovative companies in the world.

Source: www.forbes.com

** Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com

A full range of styles and options for every home, room, or space

Daikin single and multi-zone systems are an ideal solution to displace traditional systems in primary living spaces or for refurbishing and remodeling additional spaces. They have a modern design and are extremely quiet in operation.

Our heat pumps are all-in-one heating and cooling solutions, meaning comfortably warm in winter and cool in summer.



Smart Inverter Technology

Daikin's inverter technology is a true innovation in the field of climate control. The principle is simple: inverters adjust the power used to suit the actual requirement – no more, no less! Single & multi-zone systems deliver the capacity required to maintain desired room conditions, typically reducing energy consumption by up to 30% or more compared to traditional fixed-speed ducted systems. This technology minimizes temperature fluctuations and provides continuous cooling and heating comfort.

Whisper Quiet

Daikin systems feature low indoor and outdoor operating sound pressure levels - indoor sound pressure levels as low as 19* decibels (dB(A)) and outdoor sound pressure levels as low as 43* dB(A).

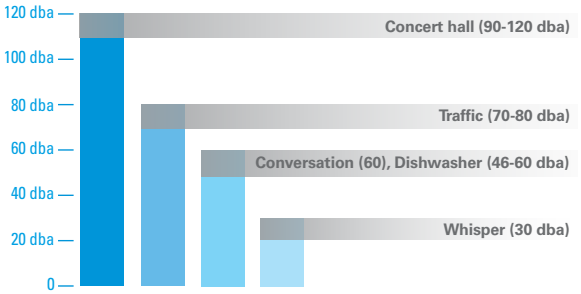
*On SL fan speed in cooling mode.

Advanced Filtration

Long life, washable filters.

Heating Performance

Daikin systems provide heating performance with single and multi-zone Heating Seasonal Performance (HSPF2's) as high as 11.2, making Daikin systems efficient and effective even in extreme environments.



COMFORTABLE LIMITED WARRANTY* PROTECTION

Single and Multi-Zone Systems		*SkyAir*††
DAIKIN *ENTRA*† - (R-32)	Daikin Daikin *OTERRA*† - (R-32), Daikin *AURORA*†, Daikin *OTERRA* 115V, FVXV - Floor Mount, FDMA/CDMA, and CMXV, Daikin *ATMOSPHERA*†, MXM†, MXT†, MXTH†	*POLARA, SkyAir*
10 YEAR PARTS LIMITED WARRANTY	12 YEAR PARTS LIMITED WARRANTY	10 YEAR PARTS LIMITED WARRANTY

* Complete warranty details available from your local dealer/contractor or at www.daikincomfort.com. To receive the 10-Year or 12-Year Parts Limited Warranties, online registration is not required in California, Florida, or Québec. The duration of warranty coverages in Texas and Florida differs in some cases. Other limitations and exclusions apply, refer to complete warranty details for full list of limitations and exclusions.

† If product installed in a commercial application, limited warranty period is 5 years.

†† Limited warranty, registration not required for residential and commercial installations.

Key Features and Benefits

Superior Comfort Control

Indoor Unit Quiet Operation.



Sound levels are reduced by 2-3 decibels (dB) from the low fan speed for quieter and gentler heating and cooling.

Outdoor Unit Quiet Operation.



Outdoor unit sound levels can be reduced by 3dB for times when quieter operation is needed.

Intelligent Eye.



The intelligent eye is an infrared sensor with the ability to sense movement in the room. When you are in the room, the air conditioner operates normally. If you leave the room for more than 20 minutes the air conditioner automatically changes to an energy-saving operation. Using the intelligent eye, savings of up to 20% in cooling and up to 30% in heating can be achieved compared to units without this feature.

Automatic Operation.



For unattended year-round comfort, this function allows the unit to automatically switch between heating and cooling modes as required. (heat pumps types only)

Program Dry Function.



This gives priority to reducing the level of humidity in the room rather than room temperature.

Auto Fan Speed.



To reduce operating sound and power consumption, the fan speed is automatically controlled by the micro-processor to suit the controller setting and prevailing room temperature.

Hot Start.



When the heating operation starts or when the unit changes from cooling to heating there is no cold draft released into the room.

Hybrid Cooling.



Dehumidifies efficiently even in low cooling loads, and maintains dehumidification effect after the target temperature is reached.

Cold Climate

Daikin *AURORA* and *ATMOSPHERA* Models.



These systems have been designed to deliver effective heating performance to ambient conditions as low as-13°F WB (-25°C WB).

Low Ambient Cooling.



System is able to operate in cooling mode below 0°F DB (-17.7°C DB) outside temperature with field settings and/or optional accessories.

Lifestyle

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.

Powerful Operation.



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.

Remote Controller with Back-lit Display.



Features a back-lit LCD and luminescent control buttons, allowing for easy viewing in dimly lit rooms.

Indoor Unit On/Off Switch.



A convenient on/off switch on the indoor unit allows you to start up the system even if you have misplaced the remote control or the remote control batteries are exhausted.

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).

Comfortable Airflow

Wide Angle Louvers.



Smoothly curved wide-angle louvers provide wide airflow coverage for effective heating and cooling no matter where the indoor unit is placed within the room.

Draft Reduction.



This system directs warm air to the floor in winter and cool air across the room in summer for optimal efficiency and comfort. The large flap governs airflow direction while the small flap (or diffuser) swings, producing fine air currents that help circulate the air around the room.

Comfort Mode.



Comfort Mode operation improves comfort. When cooling, the flap positions itself horizontally to keep 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.

Key Features and Benefits

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.

Vertical Auto-Swing (up and down).



The vertical auto swing automatically sweeps the air across the room in an up and down motion. When the unit is switched off, the louvers close automatically.

Horizontal Auto-Swing (left and right).



Automatically moves to ensure an even distribution of air throughout a room.

3-D Airflow.



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

Worry Free

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.

Self-Diagnosis.



In the event that a problem develops with the unit, malfunction codes can be displayed on the liquid crystal panel of the remote control for fast and easy fault diagnosis.

Anti-Corrosion.



The special anti-corrosion coating on the outdoor unit heat exchanger provides resistance to salt damage and atmospheric corrosion.

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.

Comfortable and Clean

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. The filter can last for up to three years without replacement if washed once every six months.

CLEAN Operation.



The CLEAN function dries the interior of the indoor unit to reduce the amount of condensation present. When COOL or DRY operation is performed, condensation may occur inside the air conditioner. It is recommended to dry the inside of the air conditioner using CLEAN operation.

Wipe-Clean Flat Panel.



The flat panel models can be cleaned with only the single pass of a cloth across their smooth surface. The flat panel can also be easily removed for more thorough cleaning.

Timers

24-Hour On/Off Timer.



The timer can be preset to start and stop the air conditioner at any time within a 24-hour period. Once the times are set, the air conditioner can be operated for a period by simply pressing the ON or OFF timer buttons.

Weekly Timer.



The weekly timer function makes it easy to enter up to four settings per day for each day of the week. The weekly timer function not only allows you to program on and off time, but also the desired temperature.

Night Set Mode.



Through the use of the 'Timer-OFF Circuit', the preset room temperature gently rises in cooling or falls in heating before the unit stops. This energy-saving feature allows you to sleep comfortably without feeling a sudden change in the room temperature, while at the same time saving energy.

Keeping Warm

Quick Warming Function.



Prevents the compressor from pumping liquid refrigerant in low-ambient conditions. (Heat pumps only)

Automatic Defrosting.



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

Intelligent Defrost Mode



The outdoor unit will enable this mode to help prevent frost/ice from building up in cold climate conditions. It will also help with longer heating operation time for additional comfort for occupants (compared to HVAC systems without this function).

Single and Multi-Zone System Overview

			7K Btu/h	9K Btu/h	12K Btu/h	15K Btu/h	18K Btu/h	24K Btu/h	30K Btu/h	36K Btu/h	42 Btu/h	48K Btu/h	Warranty*
SINGLE ZONE	DAIKIN *ENTRA*	HP											10 YEAR PARTS LIMITED WARRANTY
	DAIKIN *OTERRA* 115V	HP											12 YEAR PARTS LIMITED WARRANTY
	DAIKIN *OTERRA*	HP											12 YEAR PARTS LIMITED WARRANTY
		AC											
	DAIKIN *AURORA (RXT)*	HP											12 YEAR PARTS LIMITED WARRANTY
	DAIKIN *AURORA (RXP)*	HP											10 YEAR PARTS LIMITED WARRANTY
	DAIKIN *POLARA*	HP											10 YEAR PARTS LIMITED WARRANTY
		AC											
	DAIKIN *ATMOSPHERA*	HP											12 YEAR PARTS LIMITED WARRANTY
MULTI-ZONE	DAIKIN *AURORA*	HP											12 YEAR PARTS LIMITED WARRANTY
	MXM SERIES	HP											12 YEAR PARTS LIMITED WARRANTY

* Complete warranty details available from your local dealer/contractor or at www.daikincomfort.com. To receive the 10-Year or 12-Year Parts Limited Warranty, online registration is not required in California, Florida, or Québec. The duration of warranty coverages in Texas and Florida differs in some cases. Other limitations and exclusions apply, refer to complete warranty details for full list of limitations and exclusions.

If product installed in a commercial application, limited warranty period is 5 years.

Zoned System Features

		Model Family Model Series Indoor Type	FTKF_B Daikin *OTERRA* Cooling Only	FTXC Daikin *ENTRA*	FTXF Daikin *OTERRA*	FTXV_AV Daikin *AURORA* • Wall-Mount	FTXV_A / CTXV_AV Multi-Zone • Wall-Mount	FTXM_W** DAIKIN *ATMOSPHERA*	FVXV Floor Mount	FDMA • Concealed Ducted	FTX_W • Daikin *POLARA* Wall Mount	CMXV - Multi Position AHU
Comfortable Airflow		Draft Reduction						■				
	WIDE ANGLE	Wide Angle Louvers	■	■	■	■	■	■	■		■	
		Vertical Auto Swing (up and down)	■	■	■	■	■	■	■		■	
		Horizontal Auto Swing (left and right)						■				
	3-D	3-D Airflow						■				
		Comfort Mode				■	■	■			■	
Superior Comfort Control		Indoor Unit Quiet Operation	■	■	■	■**	■	■	■		■	
		Outdoor Unit Quiet Operation					■	■	■	■	■	■
	EYE	Intelligent Eye						■				
	A	Automatic Operation		■	■	■	■	■	■	■	■	■
		Program Dry Function	■	■	■	■	■		■	■	■	■
		Hybrid Cooling						■				
		Auto Fan Speed	■	■	■	■	■	■	■	■†	■	■
		Hot Start			■	■	■	■	■	■	■	■
Comfortable and Clean		Titanium Apatite Photocatalytic Air Purifying Filter	■	■	■	■	■	■	■		■	
		Wipe Clean Flat Panel	■	■	■	■	■	■	■		■	
		CLEAN operation						■	■			
Lifestyle		ECO+	■									
		Econo Mode		■	■	■**	■	■	■		■	
		Simplified Maintenance			■	■	■		■		■	
		Powerful Operation	■	■	■	■	■	■	■		■	
	BACK LIT	Remote Controller with Back-lit Display	■	■	■	■	■	■	■	■†	■	■†
		LCD Wireless Remote Control	■	■	■	■	■	■	■		■	
		Built-In Wi-Fi		■	■	■**	■	■	■			■†
		Wi-Fi with additional adaptor	■							■	■	
Timers		24 Hour On/Off Timer	■	■	■	■	■	■	■	■†	■	■†
		Weekly Timer		■	■	■	■	■	■		■	■†
		Night Set Mode	■	■	■	■	■	■	■		■	
Worry Free		All Daikin Systems: Auto Restart, Blue Fin Protection, Self Diagnosis, Anti-Corrosion, Smart Inverter, Designed for North America"	■	■	■	■	■	■	■	■	■	■
Cold Climate		Daikin *AURORA* and *ATMOSPHERA* Models				■	■	■	■	■	■	■
		Low Ambient Cooling*	■		■	■	■	■	■	■	■	

† With wired remote controller *May require field settings and/or optional accessories. See engineering manual for specific information. **Use for FTXV page below details.

■ When connected to Daikin *AURORA* Multi-Zone System

**Not available in all markets. Check with local distributor

Control from Anywhere

Innovative Control Solutions





Navigation Remote Controller (Wired) BRC1NRV72 (R-32)

The *Navigation* Remote Controller offers scalable control architecture optimized for Daikin single zone, multi-zone and *SkyAir* systems. The wall-mounted controller features a back-lit LCD display as well as intuitive menus. The menu displays are available in English, French, or Spanish languages.



Hand-held Wireless Controller

Hand-held controllers, included with most indoor units, provide flexible control of Daikin single and multi-zone systems including: temperature control, operating modes, weekly programming, and more.

Easy-to-use

User-friendly interface makes it easy to set up a personalized program, adjust settings, and make adjustments anytime, anywhere.

Nature

Save money on utility bills and reduce energy consumption (as compared to non-scheduled systems) with the weekly schedule.

App for Wi-Fi control of your Single & Multi-Zone System*



Individual comfort and control.

Daikin systems come standard with an infrared remote controller allowing you to access all functions at the click of a button.

From anywhere in the world. Or your living room.

It can happen to anyone. You forgot to change the temperature of your heat pump system or air conditioner before leaving the house, or you will be delayed returning home and wish to avoid needlessly heating or cooling your home. What in the past would have resulted in wasted energy is no longer a problem. With the *SkyportHome* App, you are always in control. You can use your tablet or smart-phone to access your Daikin system via the internet*.

SkyportHome

*Requires purchase and installation of adapter (KRP067A41E).

Download on the App Store

GET IT ON Google Play

*May require purchase of Daikin *ONE+* or *ONE* Touch smart thermostats, depending on the system.

Control from Anywhere

Innovative Control Solutions (cont'd)

Daikin *ONE*+ smart thermostat



The Daikin *ONE*+ smart thermostat is now available for select single and multi-zone indoor unit models. With the new translation adaptor, connecting the Daikin *ONE*+ smart thermostat provides several user features including remote monitoring, control and geofencing using the *SkyportHome* app, Google, and Amazon voice assistants. Learn more at www.daikincomfort.com.

** Note that the handheld remote should not be used together with the Daikin *ONE*+ smart thermostat.

Daikin *ONE* Touch smart thermostat



The Daikin *ONE* Touch smart thermostat is the newest addition to the Daikin *ONE* ecosystem line of products, joining the Daikin *ONE*+ smart thermostat as a control solution for Daikin's communicating unitary equipment, including Daikin *FIT*.

With customizable settings and the power to wirelessly control heating and cooling from anywhere, homeowners may never want to change their thermostat manually again. However, the touchscreen interface supports a user-friendly experience when they do. Additionally, voice control is possible with compatible Amazon and Google devices. Plus, every Daikin *ONE* Touch includes one year of *SkyportCare* at no added cost, allowing contractors to support their customers' systems remotely and offer homeowners additional peace of mind!

** Note that the handheld remote should not be used together with the Daikin *ONE* Touch smart thermostat.

Daikin *ONE* Lite smart thermostat



The Daikin *ONE* lite connected thermostat is a perfect solution for Daikin single and multi-zone products when a wall-mounted smart thermostat is needed. The *ONE* lite connected thermostat is compatible with most Daikin single and multi-zone systems+ and can be linked via Wi-Fi to the *SkyportHome* app for control.

** Note that the handheld remote should not be used together with the Daikin *ONE* Lite smart thermostat

Control from Anywhere

Innovative Control Solutions (cont'd)

Daikin *DKN Plus* Interface



The new Daikin *DKN Plus* Interface (AZAI6WSPDKC) enables the energy-efficient control of Daikin air conditioners by a third-party thermostat or an automation system. With this interface, third party devices or systems can control the *SkyAir* indoor units through the DKN Cloud NA App via Wi-Fi, Cloud API, Modbus®, BACnet® MS/TP, or thermostat relay contacts. This interface can be commissioned easily through the DKN Cloud NA app via Bluetooth® Low Energy (BLE). Learn more at www.daikincomfort.com.

BACnet® is a trademark of ASHRAE.

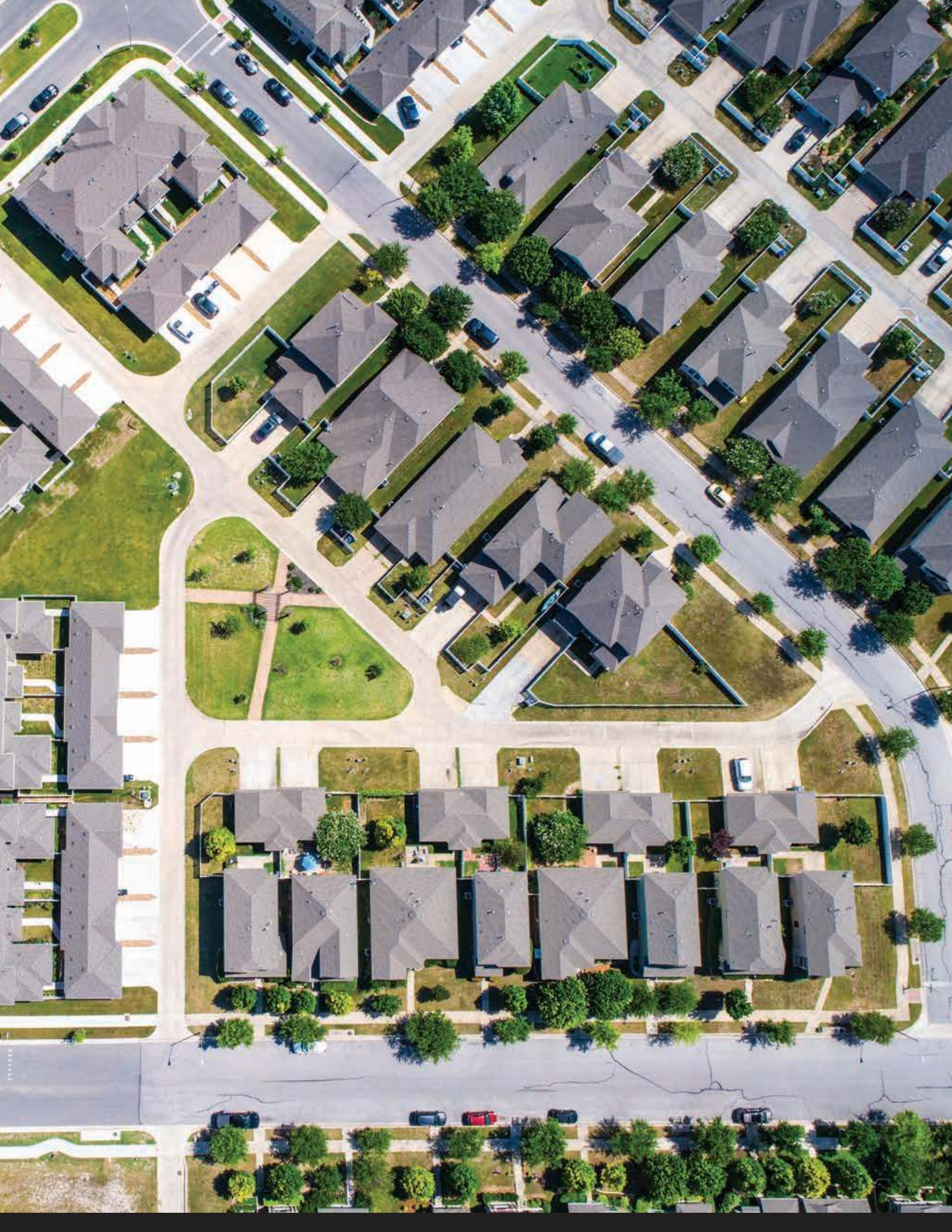
Daikin *SplitXpress* Selection Tool

The new interactive *SplitXpress* mobile app and website provide a complete product selection tool to streamline system selection for single and multi-zone projects. Users can create equipment selections and add accessories / pricing details to quickly share quotes with customers. Available for free on the App Store (iOS) and Google Play (Android), and at https://splitxpress.daikincity.com.

Download on the App Store

GET IT ON Google Play







Single Zone Systems



Daikin *ENTRA*

Wall-Mounted Heat Pump

18 SEER2 | Up to 9 HSPF2 | Up to 11 EER2

R32



Daikin *ENTRA* single zone inverter wall-mounted systems provide energy efficiency and comfort control with an affordable, cost-saving solution. These heat pump systems feature streamlined, wall mounted indoor units paired with quietly compact outdoor units.

Standard Features

- Energy Efficient– Up to 18 SEER2, Up to 9 HSPF2, Up to 11 EER2 for efficient cooling and heating operation and reduced operating costs compared to conventional lower-efficiency systems.
- Heating Range: 5° - 65°F
- Cooling Range: 50° - 115°F



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

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.

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.

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.

IDEAL SOLUTIONS FOR:

- Renovations, remodeling and new construction
- A perfect alternative to noisy and inefficient window or through-the-wall air conditioner units
- 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





Model			FTXC09AXVJU		FTXC12AXVJU		FTXC18AXVJU		FTXC24AXVJU	
Outdoor Unit			RXC09AXVJU		RXC12AXVJU		RXC18AXVJU		RXC24AXVJU	
			Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity Rated		Btu/h	9,000	9,400	12,000	11,300	18,100	18,000	22,400	23,000
(Min. ~ Max.)			4,400 - 10,200	4,400 - 13,000	4,400 - 13,300	4,400 - 16,400	6,900 - 20,000	5,800 - 22,500	6,900 - 24,200	5,800 - 27,300
Moisture Removal		gal/h	0.05		0.16		0.61		0.88	
COP Rated			3.6		3.3		3.3		3.4	
EER2 Rated			11		8.5		10.5		10.5	
SEER2			18				18			
HSPF2			9				9		9	
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 3/4 (Ø 19.0)							
Max. Interunit Piping Length		ft (m)	65-5/8 (20)				5/8 (16)			
Max. Interunit Height Difference			32-13/16 (10)							
Chargeless			32-13/16 (10)							
Amount of Additional Charge of Refrigerant		oz/ft (g/m)	0.18 (17)							
Operating Range - Cooling		°F DB	50 ° – 115 °F							
Operating Range - Heating		°F WD	5 ° – 65 °F							
Indoor Unit			**FTXC09AXVJU**		**FTXC12AXVJU**		**FTXC18AXVJU**		**FTXC24AXVJU**	
Airflow Rate	H	cfm (m^3/min)	431	402	436	412	716			
	M		322		316		605			
	L		249		247		467			
	SL		142	219	132	210	395			
Fan	Speed	Steps	3 Steps, Auto, Quiet, Turbo							
Air Direction Control			Horizontal and Vertical							
Air Filter			Catechin							
Dimensions		in.	11-1/3 × 30-5/16 × 9-11/16				11-11/16 x 39-9/16 x 11-1/3			
(H × W × D)		(mm)	(288 x 770 x 246)				(297 x 990 x 288)			
Weight		Lbs (kg)	20.3 (19.8)				30.5 (13.8)			
Sound Pressure Level (H / M / L / SL)		dB(A)	43/36/29/19	42/35/29/25	45/37/31/19	43/36/30/26	48/43/37/33	46/41/36/33	51/44/38/34	48/42/37/34
Outdoor Unit			**RXC09AXVJU**		**RXC12AXVJU**		**RXC18AXVJU**		**RXC24AXVJU**	
Compressor	Motor Output	W	-							
Refrigerant	Type		R-32							
	Charge	Lbs (kg)	1.65 (0.75)				3.31 (1.5)			
Airflow Rate	H	cfm (m^3/min)	1051	966	1051	966	1879	1833	1879	1833
	SL		—	—	—	—	—	—	—	—
Dimensions		in.	21-11/16 × 26-1/2 × 11-3/16				27-13/32 x 36-5/8 x 13-13/16			
(H × W × D)		(mm)	(550 x 675 x 284)				(696 x 930 x 351)			
Weight		Lbs (kg)	60 (27)				101 (46)			
Sound Pressure Level	H	dB(A)	46	48	48		53		53	52

Unit Combination		Power Supply				Compressor	OFM		IFM	
Indoor Unit	Outdoor Unit	Hz - Volts	Voltage Range	MCA	MOCP	RLA	W	MOC	W	MOC
FTXC09AXVJU	RXC09AXVJU	60 - 208	Min. 60 Hz 187 V Max. 60 Hz 253 V	9.3	15	6.05	26	0.61	22	0.35
		60 - 230								
FTXC12AXVJU	RXC12AXVJU	60 - 208	Min. 60 Hz 187 V Max. 60 Hz 253 V	9.36	15	5.99	26	0.61	22	0.4
		60 - 230								
FTXC18AXVJU	RXC18AXVJU	60 - 208	Min. 60 Hz 187 V Max. 60 Hz 253 V	16.34	20	9.09	55	1.3	39	0.55
		60 - 230								
FTXC24AXVJU	RXC24AXVJU	60 - 208	Min. 60 Hz 187 V Max. 60 Hz 253 V	16.34	20	9.09	55	1.3	39	0.55
		60 - 230								

Daikin *OTERRA* 115V

Single Zone Heat Pump System

20 SEER2 | 9 HSPF2 | 12 EER2

R32

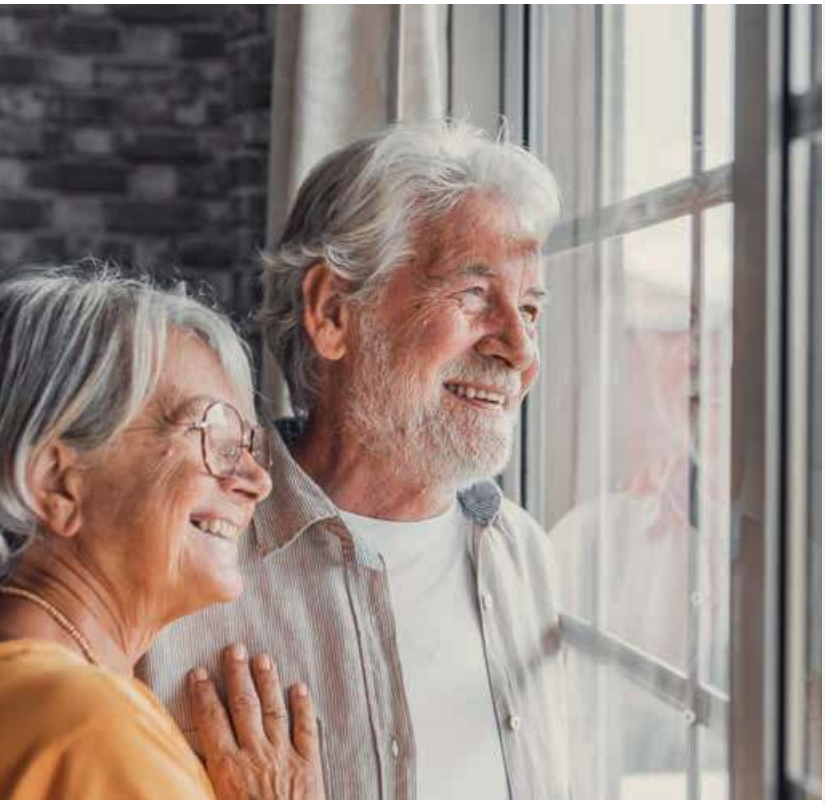


Daikin *OTERRA* 115V Heat pump provides comfort year round. *SIGNA* flareless adaptor makes installation easier and Faster. Quiet indoor and outdoor units makes it an ideal choice for living spaces.

Standard Features

» *SIGNA* Flareless adaptor allows for a quick installation
» Energy Efficient + Wi-FI capable
» Ease of Maintenance
» Low GWP refrigerant and future focused with R-32 Refrigerant
» Daikin Inverter Technology
» Outstanding 12-Years Parts Limited Warranty*
» Available in 9000 BTU and 12000 BTU capacities

*Please see page 4 for warranty disclaimers



Wide Angle Louvers – Smoothly curved wide-angle louvers provide wide airflow coverage for effective heating and cooling no matter where the indoor unit is placed within the room.

Auto Fan Speed – To reduce operating sound and power consumption, the fan speed is automatically controlled by the micro-processor to suit the controller setting and prevailing room temperature.

Wipe-Clean Flat Panel – The flat panel models can be cleaned with only the single pass of a cloth across their smooth surface. The flat panel can also be easily removed for more thorough cleaning.

IDEAL SOLUTIONS FOR:

» Rooms where floor space comes at a premium or is not available for other (or is limited in) installation applications
» A great alternative to noisy and inefficient window or through-the-wall air conditioner units
» Single zone spaces, bonus rooms, garage gyms, she sheds, man caves, replacement, renovations, remodeling, new construction, sunrooms, basements, attics, garages, hot or cold rooms, and more
» Ceiling void or attic does not allow for a viable duct run



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.

R32



Model			FTXQ09ASBU9		FTQ12ASBU9	
Indoor Unit / Outdoor Unit			RXQ09ASBU9		RXF09AXVJU	
			Cooling	Heating	Cooling	Heating
Capacity Rated (Min. ~ Max.)		Btu/h	9,000	10,900	12,000	13,500
			(2,800 ~ 10,500)	(3,800 ~ 12,000)	(3,600 ~ 12,800)	(3,800 ~ 14,600)
COP Rated			1.9		2.1	
EER2 Rated			12			
SEER2			20			
HSPF2			9			
Piping	Liquid	in. (mm)	Ø 1/4 (Ø 6.4)			
Connections	Gas		Ø 3/8 (Ø 9.5)			
	Drain		Ø 5/8 (Ø 16.0)			
Max. Interunit Piping Length		ft (m)	65-5/8 (20)			
Max. Interunit Height Difference			49-1/4 (15)			
Chargeless			49-1/4 (15)			
Amount of Additional Charge of Refrigerant		oz/ft (g/m)	0.22(20)			
Operating Range - Cooling		°F DB	50 ° - 115 °F			
Operating Range - Heating*		°F WB	5 ° - 65 °F			
Indoor Unit			**FTXQ09ASBU9**		**FTQ12ASBU9**	
Airflow Rate	H	cfm (m³/min)	424 (12)	413 (11.7)	413 (11.&0	434 (12.3)
	M		307 (8.7)	328 (9.3)	311 (8.8)	321 (9.1)
	L		261 (7.4)	247 (7)	244 (6.9)	244 (6.9)
	SL		134 (3.8)	212 (6)	124 (3.5)	208 (5.9)
Fan	Speed	Steps	5 Steps, Auto, Quiet			
Air Direction Control			Right, Left, Horizontal, Downward			
Air Filter			Removable, Washable			
Dimensions		in.	11-1/4 × 30-5/16 × 8-3/4			
(H × W × D)		(mm)	(286 X 770 X 223)			
Weight		Lbs (kg)	18 (8)		19 (9.0)	
Sound Pressure Level (H / M / L / SL)		dB(A)	43 / 35 / 30 / 21	41 / 36 / 28 / 25	46 / 38 / 31 / 21	45 / 37 / 30 / 25
Outdoor Unit			**RXQ09ASBU9**		**RXQ12ASBU9**	
Refrigerant	Type		R-32			
	Charge	Lbs (kg)	1.15 (0.52)		1.65 (0.75)	
Refrigerant Oil	Type		FW68DA			
	Charge	oz (l)	12.68 (0.375)		12.68 (0.375)	
Airflow Rate	H	cfm (m³/min)	1233 (34.9)	1151 (32.6)	1144 (32.4)	1144 (32.4)
Dimensions		in.	21-15/16 X 26-9/16 X 11-3/16			
(H × W × D)		(mm)	(557 × 675 × 284)			
Weight		Lbs (kg)	59 (27)		64 (29)	
Sound Pressure Level	H	dB(A)	48	49	50	52

Unit Combination		Power Supply				Inverter Drive Input		
Indoor Unit	Outdoor Unit	Hz - Volts	Voltage Range	MCA	MOC	System	Outdoor fan/Compressor	Indoor Fan
FTXQ09ASBU9	RXQ09ASBU9	60 - 115	Min. 60 Hz 104 V Max. 60 Hz 127 V	14.9	15	11.7	11.3	0.36
FTQ12ASBU9	RXQ12ASBU9	60 - 115	Min. 60 Hz 104 V Max. 60 Hz 127 V	15	15	11.7	11.3	0.42

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.

R32



Cooling only System

Model			FTKF09BVJU9	FTKF12BVJU9	FTKF18BVJU9	FTKF24BVJU9
Indoor Unit / Outdoor Unit			RKF09BVJU9	RKF12BVJU9	RKF18BVJU9	RKF24BVJU9
Capacity Rated (Min. ~ Max.)		Btu/h	9,000 (4,400 ~ 11,200)	12,000 (4,400 ~ 14,600)	18,000 (6,900 ~ 22,000)	22,400 (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)		2327 (65.9)	
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 60 - 230	Min. 60 Hz 187 V Max. 60 Hz 253 V	11.6	15	9	0.2
FTKF12BVJU9	RKF12BVJU9	60 - 208 60 - 230	Min. 60 Hz 187 V Max. 60 Hz 253 V	14.6	15	11.4	0.23
FTKF18BVJU9	RKF18BVJU9	60 - 208 60 - 230	Min. 60 Hz 187 V Max. 60 Hz 253 V	21.4	25	17.4	0.4
FTKF24BVJU9	RKF24BVJU9	60 - 208 60 - 230	Min. 60 Hz 187 V Max. 60 Hz 253 V	21.6	25	17.6	0.45

Daikin *OTERRA* With built in Wi-Fi
Wall-Mounted Heating & Cooling
21 SEER2 | Up to 10.2 HSPF2 | Up to 12.5 EER2

Heat Pump System

Model	Indoor Unit		FTXF09BVJU9		FTXF12BVJU9		FTXF18BVJU9		FTXF24BVJU9	
	Outdoor Unit		RXF09BVJU9		RXF12BVJU9		RXF18BVJU9		RXF24BVJU9	
			Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity Rated		Btu/h	9,000	10,900	12,000	13,500	18,000	21,600	22,400	24,000
(Min. ~ Max.)			(4,400 ~ 11,200)	(4,400 ~ 16,000)	(4,400 ~ 14,600)	(4,400 ~ 18,000)	(6,900 ~ 22,000)	(5,800 ~ 28,000)	(7,000 ~ 26,400)	(6,200 ~ 32,000)
COP Rated			2		2		2		1.9	
EER2 Rated			12.5				12			
SEER2			21							
HSPF2			10.2				9.6		9.5	
Piping	Liquid	in. (mm)	Ø 1/4 (Ø 6.4)							
Connections	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 direction adjustment grille *			-4 ° - 118°F				-4 ° - 122°F			
Operating Range - Heating*		°F WB	5 ° - 65 °F							
Indoor Unit			**FTXF09BVJU9**		**FTXF12BVJU9**		**FTXF18BVJU9**		**FTXF24BVJU9**	
Airflow Rate	H	cfm (m^3/min)	381 (10.8)	385 (10.9)	399 (11.3)	438 (12.4)	565 (16)	717 (20.3)	629 (17.8)	717 (20.3)
	M		272 (7.7)	304 (8.6)	282 (8.0)	319 (9)	463 (13.1)	572 (16.2)	501 (14.2)	572 (16.2)
	L		230 (6.5)	230 (6.5)	219 (6.2)	240 (6.8)	378 (10.7)	452 (12.8)	378 (10.7)	466 (13.2)
	SL		124(3.5)	194 (5.5)	117(3.3)	205 (5.8)	335 (9.5)	388 (11)	335 (9.5)	413 (11.7)
Fan	Speed	Steps	3 Steps, Auto, Quiet, Turbo							
Air Direction Control			Right, Left, Horizontal, Downward							
Air Filter			Removable, Washable							
Dimensions		in.	11-1/4 × 30-5/8 × 8-3/4				11-5/8 X 39-3/8 X 10-3/4			
(H × W × D)		(mm)	(286 X 778 X 223)				(295 X 1000 X 263)			
Weight		Lbs (kg)	19 (9.0)		19 (9.0)		28 (13)			
Sound Pressure Level (H / M / L / SL)		dB(A)	44 / 35 / 30 / 19	41 / 35 / 28 /25	46 / 37 / 3 1/ 19	45 / 37/ 30 / 25	48 / 43 / 37 / 33	49 / 42 / 37 / 33	52 / 45 / 38 / 34	49 / 43 / 38 / 34
Outdoor Unit			**RXF09BVJU9**		**RXF12BVJU9**		**RXF18BVJU9**		**RXF24BVJU9**	
Refrigerant	Type		R-32							
	Charge	Lbs (kg)	1.65 (0.75)		1.74(0.79)		2.45 (1.11)			
Airflow Rate	H	cfm (m^3/min)	1051 (29.8)	966 (27.4)	1051 (29.8)	966 (27.4)	2327 (65.9)	2327 (65.9)	2327 (65.9)	2327 (65.9)
Dimensions		in.	21-11/16 X 26-1/2 X 11-3/16				29-1/2 X 34-1/4 X 12-5/8			
(H × W × D)		(mm)	(550 × 675 × 284)				(750 X 870 X 320)		(750 X 870 X 320)	
Weight		Lbs (kg)	60 (27)				113 (51)			
Sound Pressure Level	H	dB(A)	46	48	48		54	57	54	57
ENERGY STAR® Certified			Yes		Yes		Yes		Yes	

*Applicable to heat pump models only, refer to installation manual for more details.

**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
FTXF09BVJU9	RXF09BVJU9	60 - 208 60 - 230	Min. 60 Hz 187 V Max. 60 Hz 253 V	11.6	15	9	0.2
FTXF12BVJU9	RXF12BVJU9	60 - 208 60 - 230	Min. 60 Hz 187 V Max. 60 Hz 253 V	14.6	15	11.4	0.23
FTXF18BVJU9	RXF18BVJU9	60 - 208 60 - 230	Min. 60 Hz 187 V Max. 60 Hz 253 V	21.4	25	17.4	0.4
FTXF24BVJU9	RXF24BVJU9	60 - 208 60 - 230	Min. 60 Hz 187 V Max. 60 Hz 253 V	21.6	25	17.6	0.45



Daikin *AURORA*

Wall-Mounted Heat Pump

Up to 21 SEER2 | Up to 10.5 HSPF2 | Up to 12.2 EER2

R32



Living in colder climates doesn't mean a heat pump isn't a viable option to heat each space in your home or business, nor does living in warmer climates preclude the use of a heat pump as a viable option for cooling. 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 – Up to 19.8 SEER2, 10 HSPF2, 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 19* 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.

IDEAL SOLUTIONS FOR:

- Hot & cold regions where homeowners want to enjoy a reliable, energy efficient source of heating and cooling
- Cold regions where homeowners want to enjoy a reliable, energy efficient source of heat
- 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



Our outdoor unit drain pans have up to 14 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.

*Select heat pump models meet the **ENERGY STAR**® cold climate requirements. Please refer to product engineering manuals for additional information or visit www.energystar.gov.



Model	Indoor Unit		FTXV09AVJU9		FTXV12AVJU9		FTXV15AVJU9		FTXV18AVJU9		FTXV24AVJU9	
	Outdoor Unit		RXT09AVJU9		RXT12AVJU9		RXT15AVJU9		RXT18AVJU9		RXT24AVJU9	
			Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity Rated		Btu/h	9,000	10,900	10,600	13,500	15,000	18,300	18,000	21,600	22,400	24,000
(Min. ~ Max.)			(4,400 ~ 11,200)	(4,400 ~ 16,000)	(4,400 ~ 14,600)	(4,400 ~ 18,800)	(5,800 ~ 18,400)	(5,800 ~ 24,600)	(6,900 ~ 22,000)	(5,800 ~ 28,000)	(7,000 ~ 26,400)	(6,200 ~ 32,000)
COP Rated			1.8		1.8		1.8		1.8		1.8	
EER2 Rated			12.2		12		12		12			
SEER2			21		20		21		21		21	
HSPF2			10.2		10.2		10.5		9.6		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)				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 ° - 115 °F									
Operating Range - Low-Ambient Cooling*			5 ° - 115 °F									
Operating Range - Cooling with Optional Air Adjustment Grille*			-4 ° - 115 °F									
Operating Range - Heating†		°F WB	-13 ° - 65 °F									
Indoor Unit			**FTXV09AVJU9**		**FTXV12AVJU9**		**FTXV15AVJU9**		**FTXV18AVJU9**		**FTXV24AVJU9**	
Airflow Rate	H	cfm (m³/min)	381 (10.8)	385 (10.9)	393 (11.1)	438 (12.4)	540 (15.3)	636 (18)	565 (16)	717 (20.3)	629 (17.8)	717 (20.3)
	M		272 (7.7)	304 (8.6)	292 (8.3)	318 (9.0)	470 (13.3)	537 (15.2)	463 (13.1)	572 (16.2)	501 (14.2)	572 (16.2)
	L		230 (6.5)	230 (6.5)	226 (6.4)	240 (6.8)	381 (10.8)	452 (12.8)	378 (10.7)	452 (12.8)	378 (10.7)	466 (13.2)
	SL		124 (3.5)	194 (5.5)	120 (3.4)	205 (5.8)	339 (9.6)	388 (11)	335 (9.5)	388 (11)	335 (9.5)	413 (11.7)
Fan	Speed	Steps	5 Steps, Quiet, Auto									
Air Direction Control			Right, Left, Horizontal, Downward									
Air Filter			Removable, Washable									
Dimensions		in.	11-1/4 × 30-5/16 × 8-3/4				11-5/8 × 39 × 10-3/8					
(H × W × D)		(mm)	(285 × 770 × 223)				(295 × 990 × 263)					
Weight		Lbs (kg)	19 (9)				27 (13)					
Sound Pressure Level (H / M / L / SL)		dB(A)	43 / 35 / 31 / 19	41 / 35 / 28 / 25	45 / 37 / 31 / 19	45 / 37 / 30 / 26	45 / 41 / 36 / 33	45 / 41 / 37 / 33	48 / 43 / 38 / 33	49 / 42 / 37 / 33	52 / 45 / 39 / 34	49 / 43 / 38 / 34
Outdoor Unit			**RXT09AVJU9**		**RXT12AVJU9**		**RXT15AVJU9**		**RXT18AVJU9**		**RXT24AVJU9**	
Compressor	Power Consumption (Rated)	W	712	782	854	1,095	1,194	1,451	1461	1864	1810	2290
Refrigerant	Type		R-32									
	Charge	Lbs (kg)	1.65 (0.75)		1.74 (0.79)		2.45 (1.11)		3.04 (1.38)			
Airflow Rate	H	cfm (m³/min)	1,088 (30.8)	1,006 (28.5)	1,088 (30.8)	1,126 (31.9)	2,097 (59.4)	2,327 (65.9)	2,383 (67.5)	2,327 (65.9)	2,383 (67.5)	2,327 (65.9)
Dimensions		in.	21-15/16 × 26-9/16 × 11-3/16				29-1/2 × 34-1/4 × 12-5/8					
(H × W × D)		(mm)	(557 × 675 × 284)				(750 × 870 × 320)					
Weight		Lbs (kg)	63 (29)		73 (33)		113 (52)		127 (58)			
Sound Pressure Level	H	dB(A)	49	51	50	52	52	57	55	57	55	57

*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
FTXV09AVJU9	RXT09AVJU9	60 - 208 60 - 230	Min. 187 V Max. 253 V	8.7	15	9	0.2
FTXV12AVJU9	RXT12AVJU9	60 - 208 60 - 230	Min. 187 V Max. 253 V	12.2	15	11.4	0.23
FTXV15AVJU9	RXT15AVJU9	60 - 208 60 - 230	Min. 187 V Max. 253 V	12.2	15	12.2	0.31
FTXV18AVJU9	RXT18AVJU9	60 - 208 60 - 230	Min. 187 V Max. 253 V	18.6	20	17.4	0.4
FTXV24AVJU9	RXT24AVJU9	60 - 208 60 - 230	Min. 187 V Max. 253 V	18.8	20	17.6	0.45

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 case, 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			FVXV09AVJUW9/T9		FVXV12AVJUW9/T9		FVXV15AVJUW9/T9		FVXV18AVJUW9/T9	
Outdoor Unit			RXP09AVJU9		RXP12AVJU9		RXP15AVJU9		RXP18AVJU9	
			Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity Rated (Min. ~ Max.)		Btu/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)
		gal/h		—		—		—		
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	
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		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 ° - 115 °F							
Operating Range - Low-Ambient Cooling*			14 ° - 115 °F							
Operating Range - Cooling with Optional Air Adjustment Grille*			-4 ° - 115 °F							
Operating Range - Heating†		°F WB	-13 ° - 65 °F							
Indoor Unit			**FVXV09AVJUW(T)9**		**FVXV12AVJUW(T)9**		**FVXV15AVJUW9/T9**		**FVXV18AVJUW9/T9**	
Airflow Rate	H	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 × W × D)		in. (mm)	23-5/8 × 29-1/2 × 9-3/8 (600 × 750 × 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
Outdoor Unit			**RXP09AVJU9**		**RXP12AVJU9**		**RXP15AVJU9**		**RXP18AVJU9**	
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 × W × D)		in. (mm)	21-15/16 × 26-9/16 × 11-3/16 (557 × 675 × 284)				29-1/2 × 34-1/4 × 12-5/8 (750 × 870 × 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 - 208	Min. 187 V Max. 253 V	21.4	25	17.6	0.21

Daikin *AURORA*

Single Zone FDMA Ducted Concealed Heat Pump

Up to 16 SEER2 | Up to 9 HSPF2 | Up to 11.1 EER2

R32



The Daikin *AURORA* FDMA ducted concealed ceiling unit provides a completely concealed installation, minimizing the impact on decor. Easily incorporate longer duct runs and high MERV filters with available external static pressures of up to .6 in. WG (150 Pa). 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 – Up to 16 SEER2, Up to 9 HSPF, Up to 11.1 EER2
- Up to 95% rated cooling capacity at 104°F DB (40°C DB) and efficient operation as high as 115°F DB (46°C DB) ambient temperature
- Up to 100% rated heating capacity at 5°F WB (-15°C WB) and efficient operation as low as -13°F WB (-25°C WB) ambient temperature
- Cooling Range 50° - 115°F (10° - 46°C) (Extended operation to -4° - 115°F (-20° - 46°C) with facility setting and air adjustment grille)
- Heating Range -13° - 65°F WB (-25° - 18°C WB)
- Outdoor Sound Pressure as Low as 50 dB(A)
- Auto Changeover
- Auto-Fan Speed control (with wired controller)
- Self-Diagnostics with digital display
- Drain Pan Inspection Port
- Integral Lift Mechanism
- 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



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.



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

IDEAL SOLUTIONS FOR:

- Renovations, remodeling and new construction
- Sun rooms, basements, garages, hot or cold rooms, attics where the walls tend to be lower, or wherever wall space is at a premium
- Ceiling void or attics which allow for a ducted solution with longer duct runs
- Homeowners' requiring higher level of filtration
- Homeowners' reluctance to use a visible wall or a floor mounted unit

DZK with R32 information "coming soon"

- Increases the flexibility of the FDMA systems in both residential and commercial applications by adding a Zoning Box to an indoor unit fan coil
- Allows several separate ducts to supply air to different individually-controlled zones.
- The DZK BACnet® Interface will work with any BACnet/IP compatible Building Management System



DZK DAIKIN ZONING KIT

BACnet® is a trademark of ASHRAE.







Our outdoor unit drain pans have up to 14 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.

Part Number	Optional Accessories for Indoor Unit	Part Number	Optional Accessories for Indoor Unit
BRC1NRV71	Wired Remote Controller	DACA-WB-1	Powder-Coated Wall-Mounted Bracket
BRC082A43	Wireless hand held controller (sensor included)	KEH067A41E(A	Drain Pan Heater (12 MBH)
DACA-CP2-1	Maxi Orange Condensate Pump	KEH063A4E	Drain Pan Heater (18 & 24 MBH)
AZAI6WSCDKA	DKN Cloud Wi-Fi Adaptor	KKP937A4	Drain Plug for OD Unit
83930	Silent Plus Mini White Pump	KPW937F4	Low Ambient Wind Baffle / Air Adjustment Grille (12 MBH)
DACA-CP1-1	Condensate Pump (Fits inside all Daikin indoor unit heads)	KPW063B4	Low Ambient Wind Baffle / Air Adjustment Grille (18 & 24 MBH)
DFBS27A13	MERV 13 Filter Kit for FDMQ 12	KKG067A41	Back protection wire net (12 MBH)
DFBS39A13	MERV 13 Filter Kit for FDMQ 18 & 24	KKG063A42	Back protection wire net (18 & 24 MBH)
DTST-LTE-LA-A	Daikin *ONE* Lite smart thermostat	KPS067A41	Snow hood (intake side plate) (12 MBH)
DTST-CWBSA-NI-B +DAPT-ONE-VMS	Daikin *ONE*+ smart thermostat	KPS063A44	Snow hood (intake rear plate) (18 & 24 MBH)
DTST-TOU-A+ DAPT-ONE-VMS	Daikin *ONE* Touch smart thermostat	KPS067A44	Snow hood (outlet) (12 MBH)
KRCSH2018-01	Button Sensor Kit	KPS063A47	Snow hood (outlet) (18 & 24 MBH)
AZAI6WSPDKC	Daikin *DKN Plus* Interface	RAQAHLGD2	Rear coil guard (12)
DACA-WB-1	Powder-Coated Wall-Mounted Bracket	RAQAHLGD1	Rear coil guard (18 & 24)
KEH067A41EA	Drain Pan Heater (12 MBH)		

Model	Indoor Unit		FDMA09AVJU9		FDMA12AVJU9		FDMA15AVJU9		FDMA18AVJU9		FDMA24AVJU9	
	Outdoor Unit		RXP09AVJU9		RXP12AVJU9		RXP15AVJU9		RXP18AVJU9		RXP24AVJU9	
			Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity Rated		Btu/h	9,000	10,900	10,800	12,500	14,400	18,000	17,600	21,600	21,800	24,000
(Min. ~ Max.)			(4,400 - 9,400)	(4,400 - 12,800)	(4,400 - 12,400)	(4,400 - 17,000)	(9,000 - 15,700)	(9,000 - 18,500)	(9,000 - 19,600)	(9,000 - 25,000)	(9,000 - 23,000)	(9,000 - 27,600)
Moisture Removal		gal/h	N/A	—	N/A	—	N/A	—	N/A	—	N/A	—
COP Rated				3		3		3		3		3
EER2 Rated			11.1		10		11.8		11.6		10.3	
SEER2			16		16		18		18		18.3	
HSPF2				9		9		9.2		9.2		9.2
Piping Connections	Liquid	in. (mm)	Ø 1/4 (6.4)		Ø 1/4 (6.4)		Ø 1/4 (6.4)		Ø 1/4 (6.4)		Ø 1/4 (6.4)	
	Gas		Ø 3/8 (9.5)		Ø 3/8 (9.5)		Ø/2 (12.7)		Ø/2 (12.7)		⍰5/8 (15.9)	
	Drain		Ø 1 (25.0)		Ø 1 (25.0)		Ø 1 (25.0)		Ø 1 (25.0)		Ø 1 (25.0)	
Max. Interunit Piping Length		ft (m)	65.6 (20)		65.6 (20)		98-1/2 (30)		98-1/2 (30)		98-1/2 (30)	
Max. Interunit Height Difference			49.2 (15)		49.2 (15)		65-5/8 (20)		65-5/8 (20)		65-5/8 (20)	
Chargeless			49.2 (15)		49.2 (15)		49.2 (15)		49.2 (15)		49.2 (15)	
Amount of Additional Charge of Refrigerant		oz/ft (g/m)	0.22 (20)		0.22 (20)		0.22 (20)		0.22 (20)		0.22 (20)	
Operating Range - Cooling		°F DB	50 ° - 115 °F		50 ° - 115 °F		50 ° - 115 °F		50 ° - 115 °F		50 ° - 115 °F	
Operating Range - Low-Ambient Cooling*			5 ° - 115 °F		5 ° - 115 °F		5 ° - 115 °F		5 ° - 115 °F		5 ° - 115 °F	
Operating Range - Cooling with Optional Air Adjustment Grille*			-4 ° - 115 °F		-4 ° - 115 °F		-4 ° - 115 °F		-4 ° - 115 °F		-4 ° - 115 °F	
Operating Range - Heating†		°F WB	-13 ° - 65 °F		-13 ° - 65 °F		-13 ° - 65 °F		-13 ° - 65 °F		-13 ° - 65 °F	
Indoor Unit			**FDMA09AVJU9**		**FDMA12AVJU9**		**FDMA15AVJU9**		**FDMA18AVJU9**		**FDMA24AVJU9**	
External Static Pressure		"Wg(Pa)	0.60 - 0.12(150 - 30)		0.60 - 0.12(150 - 30)		0.60 - 0.2(150 - 50)		0.60 - 0.2(150 - 50)		0.60 - 0.2(150 - 50)	
Airflow Rate	H	cfm (m^3/min)	401(11.4)	401(11.4)	440(12.5)	440(12.5)	471(13.4)	471(13.4)	609(17.3)	609(17.3)	609(17.3)	609(17.3)
	M		338(9.6)	338(9.6)	367(10.4)	367(10.4)	382(10.8)	382(10.8)	498(14.1)	498(14.1)	498(14.1)	498(14.1)
	L		279(7.9)	279(7.9)	299(8.5)	299(8.5)	284(8.0)	284(8.0)	373(10.6)	373(10.6)	373(10.6)	373(10.6)
	SL		-	-	-	-	-		-		-	
Fan	Speed	Steps	-		-		-		-		-	
Air Filter			-		-		-		-		-	
Dimensions (H × W × D)		in. (mm)	9-5/8 × 27-9/16 × 31-1/2 (245 × 700 × 800)		9-5/8 × 27-9/16 × 31-1/2 (245 × 700 × 800)		9-5/8 × 39-3/8 × 31-1/2 (245 × 1000 × 800)		9-5/8 × 39-3/8 × 31-1/2 (245 × 1000 × 800)		9-5/8 × 39-3/8 × 31-1/2 (245 × 1000 × 800)	
Weight		Lbs (kg)	64 (29)		64 (29)		82(37)		82(37)		82(37)	
Sound Pressure Level		dB(A)	32	32	33	33	34	34	35	35	35	35
Outdoor Unit			**RXP09AVJU9**		**RXP12AVJU9**		**RXP15AVJU9**		**RXP18AVJU9**		**RXP24AVJU9**	
Compressor	Motor Output	W	715-715	969-969	972-972	1113-1113	1105-1105	1643-1643	1369-1369	1962-1962	1953-1953	2181-2181
Refrigerant	Type		R-32									
	Charge	Lbs (kg)	1.74 (0.79)		1.74 (0.79)		3.04 (1.38)		3.04 (1.38)		3.04 (1.38)	
Airflow Rate	H	cfm (m^3/min)	1,126 (31.9)		1,126 (31.9)		2,383 (67.5)		2,383 (67.5)		2,383 (67.5)	
	SL		-	-	-	-	-	-	-	-	-	-
Dimensions		in.	21-15/16 × 26-9/16 × 11-3/16		21-15/16 × 26-9/16 × 11-3/16		29-1/2 × 34-1/4 × 12-5/8		29-1/2 × 34-1/4 × 12-5/8		29-1/2 × 34-1/4 × 12-5/8	
(H × W × D)		(mm)	(557 × 675 × 284)		(557 × 675 × 284)		(750 × 870 × 320)		(750 × 870 × 320)		(750 × 870 × 320)	
Weight		Lbs (kg)	72 (33)		72 (33)		127(58)		127(58)		127(58)	
Sound Pressure Level	H	dB(A)	50	52	50	52	55	57	55	57	55	57
ENERGY STAR® Certified			NO		NO		Yes		Yes		Yes	

*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
FDMA09AVJU9	RXP09AVJU9	60 - 208 60 - 230	Min. 187 V Max. 253 V	11.6	15	9	0.52
FDMA12AVJU9	RXP12AVJU9	60 - 208 60 - 230	Min. 187 V Max. 253 V	14.6	15	11.4	0.61
FDMA15AVJU9	RXP15AVJU9	60 - 230 60 - 230	Min. 187 V Max. 253 V	16.1	20	12.7	0.87
FDMA18AVJU9	RXP18AVJU9	60 - 230 60 - 230	Min. 187 V Max. 253 V	21.4	25	17.4	1.12
FDMA24AVJU9	RXP24AVJU9	60 - 230 60 - 230	Min. 187 V Max. 253 V	21.6	25	17.6	1.24

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		Btu/h	31,400	34,400
(Min. ~ Max.)			(10,200 ~ 31,400)	(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		ft. (m)	98-1/2 (29.8)	
Max. Interunit Height Difference			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		°F DB	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	
Indoor Unit			**FTXV30AVJU9**	**FTXV36AVJU9**
Airflow Rate	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
Outdoor Unit			**RKV30AVJU9**	**RKV36AVJU9**
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)	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	dB(A)	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 60 - 230	Min. 187 V Max. 253 V	21.8	25	17.5	0.39
FTXV36AVJU9	RKV36AVJU9	60 - 208 60 - 230	Min. 187 V Max. 253 V	21.9	25	17.6	0.39

Daikin *POLARA*

Wall-Mounted Heat Pump

Up to 19 SEER2 | Up to 8.1 HSPF2

R32



Heat Pump System

Model			FTXV30AVJU9		FTXV36AVJU9	
Indoor Unit / 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		ft. (m)	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		°F DB	50° -114.8°F			
Operating Range - Enhanced Cooling**			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 × 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 / 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 × 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	dB(A)	57	60	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 60 - 230	Min. 187 V Max. 253 V	22	25	17.6	0.39
FTXV36AVJU9	RXV36AVJU9	60 - 208 60 - 230	Min. 187 V Max. 253 V	22	25	17.6	0.39



Daikin *ATMOSPHERA*

Single Zone Heating and Cooling System
Up to 27.4 SEER2 | Up to 11.2 HSPF2

R32



The Daikin *ATMOSPHERA* Single Zone System is ideal for spot cooling and heating needs in residential and commercial spaces that require heating and cooling even in extreme ambient temperatures. In addition, Daikin *ATMOSPHERA* is an effective source of heat to offset old, inefficient furnaces or boiler systems.

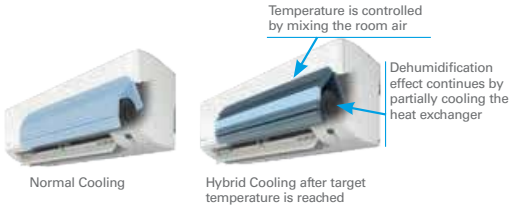
Standard Features

» Energy Efficient – Up to 27.4 SEER2 / Up to 11.2 HSPF2 / Up to 16.3 EER for ultra-efficient cooling and heating operation and reduced operating costs compared to conventional lower-efficiency systems.

» Enhanced Capacity –
- 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
- Up to 100% rated cooling capacity at 115°F (46°C)

» Aligning with Goals of –
- Decarbonization and Electrification moving towards clean energy: An effective source of heat to comfortably offset older or inefficient sources of heat using fossil fuels
- Lower GWP refrigerant reduce emissions at the source: Utilizing a refrigerant with lower Global Warming Potential (GWP) compared to conventional refrigerants

Hybrid Cooling – Dehumidifies efficiently even in low cooling loads, and maintains dehumidification effect after the target temperature is reached.



CLEAN Operation – The CLEAN function dries the interior of the indoor unit to reduce the amount of condensation present. When COOL or DRY operation is performed, condensation may occur inside the air conditioner. It is recommended to dry the inside of the air conditioner using CLEAN operation.

Daikin *ATMOSPHERA* 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.

Daikin Comfort Control – With the Daikin Comfort Control app you are always in control. You can use your tablet or smart-phone to access your Daikin *ATMOSPHERA* system via the internet, no adaptor required.

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

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

Powerful Operation – 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.

Intelligent Eye – An infrared sensor with the ability to sense movement in the room. If the room is empty for 20 minutes, it changes the set point to start saving energy.

Increased Factory Charge and piping allowances.– Daikin *ATMOSPHERA* is pre-charged to serve piping lengths up to 49 ft. (15m), a 50% increase in pre-charge coverage compared to previous models.

Hot Start – When the heating operation starts or when the unit changes from cooling to heating there is no cold draft released into the room.

IDEAL SOLUTIONS FOR:

» Primary living areas (for example,master bedrooms and living rooms)

» Hot or cold rooms

» Rooms with poor air flow





Part Number	Optional accessories for Indoor Unit	Part Number	Optional Accessories for Outdoor Unit
BRC944B2-A08*	Wired Remote Controller kit	DACA-WB-1	Powder-Coated Wall-Mounted Bracket
BRCW901A08	Wired Remote Controller Cord - 8m	KPW937F4E	Air Direction Adjustment Grille (09 & 12)
DACA-BRCW901P10	Remote Controller Cable, Plenum Rated, 10 ft	KPW063B4	Air Direction Adjustment Grille (18 & 24)
DACA-BRCW901P25	Remote Controller Cable, Plenum Rated, 25 ft	KEH094A41E	Drain Pan Heater Small (09 & 12)
KAF970A46	Titanium Apatite Deodorizing filter (without frame)	KEH063A4E(A)	Daikin BML Drain Pan Heater Large (18 & 24)
83930	Silent Plus Mini White Pump	KKG020A41	Back Protection Wire Net (09 & 12)
DACA-CP1-1	Inline Condensate Pump	KKG063A42	Back Protection Wire Net (18 & 24)
DTST-ONE-ADA-A*	Daikin *ONE+* smart thermostat	KPS034A41	Snow hood (intake side plate) (09 & 12)
KER087A41	S21 Conversion Connector	KPS063A41	Snow hood (intake side plate) (18 &24)
AZAI6WSCDKB*	DKN Residential Cloud Wi-Fi Adaptor	KPS034D42	Snow hood (intake rear plate) (09 & 12)
AZAI6WSPDKC*	Daikin *DKN Plus* Interface	KPS063A44	Snow hood (intake rear plate) (18 & 24)
DTST-LTE-LA-A*	Daikin *ONE* Lite smart thermostat	KPS034A43	Snow hood (outlet) (09 & 12)
DTST-TOU-ADA-A*	Daikin *ONE* Touch smart thermostat Combo Pack	KPS063A47	Snow hood (outlet) (18& 24)
		KKP937A4	Drain Plug

* requires KER087A41 s21 conversion connector

Model		Indoor Unit	FTXM09WVJU9		FTXM12WVJU9		FTXM18WVJU9		FTXM24WVJU9	
		Outdoor Unit	RXM09WVJU9		RXM12WVJU9		RXM18WVJU9		RXM24WVJU9	
			Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity Rated (Min. ~ Max.)		Btu/h	9,000 (4,400 ~ 12,500)	11,000 (4,400 ~ 19,500)	12,000 (4,800 ~ 16,000)	13,600 (4,800 ~ 22,600)	18,000 (9,000 ~ 22,000)	21,600 (9,000 ~ 30,200)	21,600 (9,000 ~ 26,000)	24,000 (9,000 ~ 32,200)
Max Heating Capacity at 5°F (-15°C)			-	11,000	-	13,600	-	21,600	-	24,000
Max Heating Capacity at -13°F (-25°C)			-	10,000	-	10,700	-	16,200	-	18,000
COP Rated			4.6		4.4		3.6		3.54	
COP at 5°F (-15°C)			2		2		1.8		1.8	
EER2 Rated			16.3		13.2		12.5		12	
SEER2			27.4		25.2		22.7		22	
HSPF2			11.2		10.7		10			
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)	82 (25)				98-1/2 (30)			
Max. Interunit Height Difference			65-5/8 (20)				82 (25)			
Chargeless			49-1/4 (15)							
Amount of Additional Charge of Refrigerant		oz/ft (g/m)	0.22 (20)							
Operating Range - Cooling		°F DB (°C DB)	50 ° - 114.8 °F (10 ° - 46 °C)							
Operating Range - Low-Ambient Cooling*			14 ° - 114.8 °F (-10 ° - 46 °C)							
Operating Range - Cooling with Optional Air Adjustment Grille*			-4 ° - 114.8 °F (-20 ° - 46 °C)							
Operating Range - Heating†		°F WB (°C WB)	-13 ° - 64.4 °F (-25 °C - 18 °C)							

Indoor Unit			FTXM09WVJU9		FTXM12WVJU9		FTXM18WVJU9		FTXM24WVJU9	
Airflow Rate	H	cfm (m^3/min)	516 (14.6)	516 (14.6)	558 (15.8)	558 (15.8)	777 (22.0)	777 (22.0)	844 (23.9)	844 (23.9)
	M		339 (9.6)	371 (10.5)	395 (11.2)	413 (11.7)	583 (16.5)	558 (15.8)	653 (18.5)	607 (17.2)
	L		251 (7.1)	304 (8.6)	293 (8.3)	339 (9.6)	484 (13.7)	466 (13.2)	498 (14.1)	498 (14.1)
	SL		219 (6.2)	251 (7.1)	226 (6.4)	254 (7.2)	427 (12.1)	413 (11.7)	452 (12.8)	452 (12.8)
Fan	Speed	Steps	5 Steps, Quiet, Auto							
Air Direction Control			Right, Left, Horizontal, Downward							
Air Filter			Removable, Washable							
Dimensions (H × W × D)		in. (mm)	11-3/4 × 36-1/4 × 10-13/16 (299 × 920 × 275)				11-3/4 × 43-5/16 × 10-13/16 (299 × 1,100 × 275)			
Weight		Lbs (kg)	29 (13)				33 (15)			
Sound Pressure Level (H / M / L / SL)		dB(A)	43 / 33 / 25 / 22	43 / 35 / 30 / 25	45 / 37 / 29 / 23	45 / 39 / 32 / 26	49 / 41 / 36 / 33	49 / 40 / 35 / 32	51 / 44 / 37 / 34	51 / 42 / 37 / 34

Outdoor Unit			RXM09WVJU9		RXM12WVJU9		RXM18WVJU9		RXM24WVJU9	
Refrigerant	Type		R-32							
	Charge	Lbs (kg)	2.16 (0.98)				2.98 (1.35)			
Airflow Rate	H	cfm (m^3/min)	1,317 (37.3)	1,296 (36.7)	1,487 (42.1)	1,487 (42.1)	2,119 (60.0)	2,062 (58.4)	2,179 (61.7)	2,119 (60.0)
	SL		1,183 (33.5)	922 (26.1)	1,317 (37.3)	922 (26.1)	1,833 (51.9)	1,773 (50.2)	1,833 (51.9)	1,833 (51.9)
Dimensions (H × W × D)		in. (mm)	23-7/16 × 33-1/4 × 11-13/16 (595 × 845 × 300)				28-15/16 × 34-1/4 × 12-5/8 (735 × 870 × 320)			
Weight		Lbs (kg)	96 (44)				132 (60)			
Sound Pressure Level	H	dB(A)	47	49	49	52	54	55	55	56

* 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				Compressor	OFM		IFM	
Indoor Unit	Outdoor Unit	Hz - Volts	Voltage Range	MCA	MOCP	RLA	W	FLA	W	FLA
FTXM09WVJU9	RXM09WVJU9	60 - 208 60 - 230	Min. 187 V Max. 253 V	12.3	15	12	37	0.31	27	0.25
FTXM12WVJU9	RXM12WVJU9	60 - 208 60 - 230	Min. 187 V Max. 253 V	12.3	15	12	37	0.31	27	0.25
FTXM18WVJU9	RXM18WVJU9	60 - 208 60 - 230	Min. 187 V Max. 253 V	18.8	20	18.25	123	0.58	61	0.46
FTXM24WVJU9	RXM24WVJU9	60 - 208 60 - 208	Min. 187 V Max. 253 V	19.8	19.25	18.25	123	0.58	61	0.46

• Daikin *ATMOSPHERA* not available in all markets. Contact your local distributor for regional needs and authorized sales of this product.