



DAIKIN *OTERRA* SINGLE ZONE HEATING AND COOLING SYSTEMS

WALL-MOUNTED UNITS

Up to 20 SEER2 / Up to 10.0 HSPF2 / Up to 12.5 EER2
INVERTER (VARIABLE-SPEED) COMPRESSOR



Today, the air is perfect. Perfect temperature. Perfect humidity. Perfectly clean and fresh, like just after a rainstorm. And the only thing more perfect than this outdoor scenario is that it's all happening inside. Because that's where we work. That's where we play, where we sleep, where we truly live.

And that's why at Daikin, we aim to make the air inside as refreshing as the outside. Better comfort. Better control and efficiency. Better quality. So you can create your own unique ecosystem. And everyday is perfect. **Inside and out.**

Single Zone Wall-Mounted Heat Pump and Cooling Only INVERTER (VARIABLE-SPEED) COMPRESSOR



Perfecting The Air We Share

A better understanding of how people inhabit their living spaces has led to products designed to create indoor environments that help use energy resources more effectively. Heat pumps extract or reject heat from the outside air, even in cold weather. They use an electrically powered compressor and are extremely effective at

heating and cooling an apartment or a house. Daikin heat pumps are quiet and discreet, and use state-of-the-art technology to keep your energy bills low. With a Daikin heat pump, a large portion of the energy used to heat or cool your home comes from the outside air, a free and infinitely renewable resource.




Comfort

We offer a wide range of products, and always provide you with the ideal solution, whether for an apartment, condo or a house. Our units are whisper quiet and, with their specially designed airflow pattern, they create your ideal indoor climate.

Daikin units are designed to include features that let you create your own unique ecosystem. From the wide angle louver design to the auto-swing and comfortable mode controller settings, effective heating and cooling is ensured throughout the space.

Smart inverter technology

 Integrated with an inverter (variable-speed) compressor, Daikin 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.

Energy efficiency

Our products are designed to be highly efficient all year round, and their low energy consumption is reflected in low energy bills for you.

Control

Our expertise makes life easier for you, allowing you to control your system via a user-friendly remote control.

Reliability

Daikin products are renowned for their reliability. And you can rely on outstanding limited warranties* to match.



* Complete warranty details available from your local dealer/contractor or at www.daikincomfort.com. To receive the 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec. If product installed in a commercial application, limited warranty period is 5 years. The duration of warranty coverages in Texas differs in some cases.

Daikin *OTERRA*

Discreet wall-mounted unit providing high efficiency and comfort.

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.

Premium comfort features:

- » **Energy Efficient** – Up to 20 SEER2 / 10.0 HSPF2 / 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 - 115°F DB (10°C DB- 46°C DB). Extended operation to -4°F DB- 115°F DB (-20°C DB- 46°C DB) with facility setting and wind baffle.
- » **Heating Range:** 5°F WB- 65°F WB (-15°C WB- 18°C WB)

Ideal solution 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

Outdoor unit features:



Anti-Corrosion Treatment on Heat Exchanger



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.



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.



WALL-MOUNTED UNITS

Up to 20 SEER2 / Up to 10.0 HSPF2 / Up to 12.5 EER2
INVERTER (VARIABLE-SPEED) COMPRESSOR

Wall-mounted units provide high efficiency and comfort.

Wall-mounted units are simple to install. The flexible design blends discretely with any home décor and is ideal for single room enhancements, spaces requiring additional heating or cooling, and additions. The air direction and flow rate are adjusted so that the air will not blow directly at people in the room.

Cooling operation



Heating operation



Indoor unit features:



Daikin Comfort App – Easily control your system from anywhere in the world or the comfort of your living room.



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).

Knowledge is power

The new minimum efficiency standards are based upon new metrics (SEER2/EER2/HSPF2) derived from a new test procedure (M1) rather than the historical metrics (SEER/EER/HSPF) from the old test procedure (M).

Testing procedures and requirements for developing efficiency ratings will now be more stringent with the new 2023 DOE regulations. The prior M testing procedure is being replaced by the M1 testing procedure for 2023 compliance.

Why is COP important?

The COP of a heat pump is the ratio of: $COP = \frac{\text{energy out}}{\text{energy in}}$
 When the COP is >1, the result is a system providing more heating energy than energy consumed. As the COP2 increases, the higher the efficiency — resulting in lower utility costs.

Up to	
20 SEER2	12.5 EER2
10 HSPF2	4.06 COP <small>(Coefficient of Performance)</small>
Single Zone Heat Pump Efficiency Ratings	

COP	 .85	 .95	 1.00	Daikin OTERRA Up to 4.06 <small>(Wall Mount Unit)</small>
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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 DKN App, you are always in control. You can use your tablet or smart-phone to access your Daikin system via the internet*.

*Requires purchase and installation of adapter (AZAI6WSCDKB).

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>.



SPECIFICATIONS

Heat Pump Specifications

Unit Size	Indoor Unit Model # / Dimensions (HxWxD)	Outdoor Unit Model # / Dimensions (HxWxD)	Efficiency Rating	Lowest Sound Level (dB(A))		Weight (lbs)		AHRI #
				Indoor*	Outdoor	Indoor	Outdoor	
9,000	FTX09BXVJU	RX09BXVJU	20 SEER2 / 12.5 EER2 / 10 HSPF2	19	46	20.3	55	211291633
	11-1/3 X 30-29/32 X 9-27/32	21-11/16 X 26-1/2 X 11-3/16						
12,000	FTX12BXVJU	RX12BXVJU	20 SEER2 / 12.5 EER2 / 10 HSPF2	19	49	21.4	62	211291634
	11-1/3 X 30-29/32 X 9-27/32	21-11/16 X 26-1/2 X 11-3/16						
18,000	FTX18BXVJU	RX18BXVJU	20 SEER2 / 12.5 EER2 / 9 HSPF2	33	54	31	97	211697900
	11-11/16 X 39-1/2 X 11-1/3	27-13/32 X 36-5/8 X 13-13/16						
24,000	FTX24BXVJU	RX24BXVJU	19 SEER2 / 12.2 EER2 / 9 HSPF2	34	55	31	104	211697901
	11-11/16 X 39-1/2 X 11-1/3	27-13/32 X 36-5/8 X 13-13/16						

*When quiet operation is engaged

Cooling Only Specifications

Unit Size	Indoor Unit Model # / Dimensions (HxWxD)	Outdoor Unit Model # / Dimensions (HxWxD)	Efficiency Rating	Lowest Sound Level (dB(A))		Weight (lbs)		AHRI #
				Indoor*	Outdoor	Indoor	Outdoor	
9,000	FTK09BXVJU	RK09BXVJU	20 SEER2 / 12.5 EER2	19	46	20.3	53	211257568
	11-1/3 X 30-29/32 X 9-27/32	21-11/16 X 26-1/2 X 11-3/16						
12,000	FTK12BXVJU	RK12BXVJU	20 SEER2 / 12.5 EER2	19	49	21.4	60	211257615
	11-1/3 X 30-29/32 X 9-27/32	21-11/16 X 26-1/2 X 11-3/16						
18,000	FTK18BXVJU	RK18BXVJU	20 SEER2 / 12.5 EER2	33	54	31	95	211697898
	11-11/16 X 39-1/2 X 11-1/3	27-13/32 X 36-5/8 X 13-13/16						
24,000	FTK24BXVJU	RK24BXVJU	20 SEER2 / 12.2 EER2	34	55	31	101	211697899
	11-11/16 X 39-1/2 X 11-1/3	27-13/32 X 36-5/8 X 13-13/16						

*When quiet operation is engaged

About Daikin:

Daikin Industries, Ltd. (DIL) is a global Fortune 1000 company and is recognized as one of the largest HVAC (Heating, Ventilation, Air Conditioning) manufacturers in the world. Founded in 1924, Daikin is approaching 100 years of HVAC worldwide leadership. DIL is primarily engaged in developing indoor comfort systems and refrigeration products for residential, commercial, and industrial applications. Its consistent success is derived, in part, from a focus on innovative, energy-efficient, and premium quality indoor climate and comfort management solutions.

WARNINGS:

- » Always use a licensed installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- » Use only those parts and accessories supplied or specified by Daikin. Ask a licensed contractor to install those parts and accessories. Use of unauthorized parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- » Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.
- » For any inquiries, contact your local Daikin sales office.



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Google Play and the Google Play logo are
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ADDITIONAL INFORMATION

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer.

