

# DAIKIN *AURORA* SINGLE-ZONE INVERTER HEAT PUMP SYSTEMS

FDMS DUCTED CONCEALED UNITS  
Up to 19.4 SEER / Up to 10.8 HSPF / Up to 12.7 EER  
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.**

## Daikin *AURORA* Single-Zone FDMQ Ducted Concealed Heat Pump INVERTER, VARIABLE-SPEED COMPRESSOR



### **AIR INTELLIGENCE** built-inside

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 smartphone app or a user-friendly remote control.

## Reliability

Daikin products are renowned for their reliability. And you can rely on service to match, with industry leading warranties.\*



\* Complete warranty details available from your local dealer/contractor or at [www.daikincomfort.com](http://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 Quebec.

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**Concealed Comfort and Enhanced Flexibility.**

Daikin FDMQ ducted concealed units deliver heating and cooling comfort for the entire home, without distracting from the décor. Easily incorporate longer duct runs and high MERV filters with available external static pressures of up to 0.6.

**Indoor unit features:**



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



**Program dry function.** This gives priority to reducing the level of humidity in the room rather than room temperature.

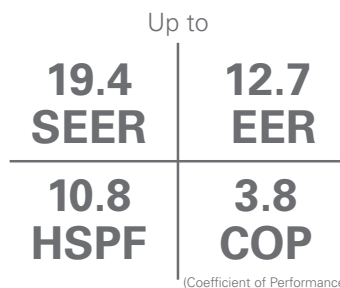


- » Increases the flexibility of the *AURORA* systems in both residential and commercial applications by adding a Zoning Box to an indoor unit fan coil
- » Allows several separate ducts to supply air to different individually-controlled zones.
- » The DZK *BACnet*™ Interface will work with any *BACnet*™/IP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



**Knowledge is power.**

In general, system performance is measured by a higher Seasonal Energy Efficiency Ratio (SEER) and Energy Efficiency Ratio (EER). Higher ratings mean lower operating costs. Similarly, a higher rated Heating Seasonal Performance Factor (HSPF) and Coefficient of Performance (COP) means a more efficient air-source heat pump.



**Why is it 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 COP increases, the higher the efficiency — resulting in lower utility costs.

Daikin *AURORA* Single-Zone Heat Pump Efficiency Ratings



**You're always in control.**

**Individual comfort and control**

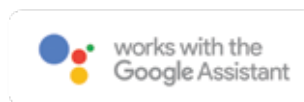
Daikin systems have an available infrared remote controller allowing you to access all functions at the click of a button.

**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 AZAI6WSCDKA wi-fi adaptor.



# Daikin *AURORA* Single-Zone Inverter Heat Pump Systems

## Designed for living: Solutions for hot and cold climates.

Total indoor climate control means having the ability to select a desirable temperature for each space in a house and to have that temperature maintained no matter what the temperature outside — from -13°F / -25°C to 114.8°F / 46°C, ensuring all year round comfort. For the all regions, the outdoor units of this Single-Zone Daikin *AURORA* heat pump system have been redesigned to withstand extreme weather conditions with excellent energy efficiency ratings.

## Premium comfort features:


- » **Energy Efficient** – Up to 19.4 SEER / Up to 10.8 HSPF / Up to 12.7 EER for ultra-efficient cooling and heating operation and reduced operating costs compared to conventional lower-efficiency systems.
- » **Enhanced Capacity** – Up to 100% Heating Capacity at 5°F (-15°C) and confirmed continuous operation as low as -13°F (-25°C) ambient temperature.
- » Up to 95% rated cooling capacity at 104°F (46°C)

## Ideal solution 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

## Outdoor unit features:

 **Anti-Corrosion Treatment on Heat Exchanger**

 **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.

 **Outdoor Unit Quiet Operation**



Unit Size Btu's	Indoor Unit Model # / Dimensions (HxWxD)	Outdoor Unit Model # / Dimensions (HxWxD)	Efficiency Rating	Lowest Sound Level (dB(A))		Weight (lbs)		AHRI #
				Indoor	Outdoor	Indoor	Outdoor	
12,000	FDMQ12RVJU	RXL12QMJJU9	18 SEER / 11.7 EER / 10.8 HSPF	33	50	64	70	204717990
	9-5/8 x 27-9/16 x 31-1/2	21-5/8 x 26-9/16 x 11-3/16						
18,000	FDMQ18RVJU	RXL18UMVJU	19.4 SEER / 12.7 EER / 10.3 HSPF	35	54	82	130	204717991
	9-5/8 x 39-3/8 x 31-1/2	28-15/16 x 34-1/4 x 12-5/8						
24,000	FDMQ24RVJU	RXL24UMVJU	18.6 SEER / 12.5 EER / 10 HSPF	40	55	82	130	204718024
	9-5/8 x 39-3/8 x 31-1/2	28-15/16 x 34-1/4 x 12-5/8						



Use of the AHRI Certified™ mark indicates a manufacturer's participation in the certification program. For verification of certification for individual products, go to [www.ahridirectory.org](http://www.ahridirectory.org)

## Why choose Daikin?

Daikin is the world leader when it comes to heating and cooling. Thanks to our constant innovation in comfort, energy efficiency, control and reliability, we define the benchmarks for quality within the industry.

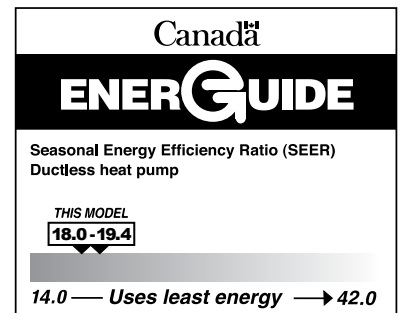
## Expert reviews from our most important critics.

Daikin offers a wide selection of choices for energy-efficient indoor comfort. As a worldwide leader in heating and cooling technology, Daikin is also a highly-rated brand. See for yourself at [www.daikincomfort.com/reviews](http://www.daikincomfort.com/reviews).

### 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.

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Our continuing commitment to quality products may mean a change in specifications without notice.

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CB-AURSZDCSTH 11-19