



# SKYAIR SERIES SINGLE-ZONE HEATING AND COOLING SYSTEMS

Up to 21 SEER2 / Up to 10.3 HSPF2 / Up to 13 EER2  
INVERTER (VARIABLE-SPEED) COMPRESSOR






## 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.

## Flexibility

With space saving design, wide operation range and long pipe lengths you have maximum flexibility in your design to suit your needs.

## 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 or at [www.daikincomfort.com](http://www.daikincomfort.com). The duration of warranty coverages in Texas differs in some cases.

Daikin's *SkyAir* system provides comfortable heating and cooling in a one-to-one application. With the ability to combine a quiet outdoor unit with a variety of sleek indoor units, *SkyAir* systems are ideal ducted and non-ducted solutions for large residential or light commercial projects.

### Feel the difference

Designed for absolute comfort, Daikin's *SkyAir* units are equipped with comfort control features such as the powerful dual air flaps, vertical auto swing functions, 360° airflow and additional optional air filters. Integrated into a high energy efficient system, *SkyAir* delivers absolute comfort with energy-saving capabilities.

### Hear the difference

Utilizing inverter technology to maintain comfort settings, Daikin systems most often operate at low speeds with indoor sound levels as low as 28 decibels (dB) and outdoor sound levels as low as 57 dB.

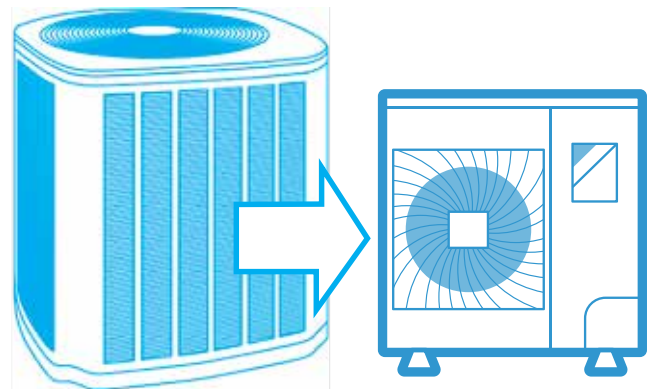
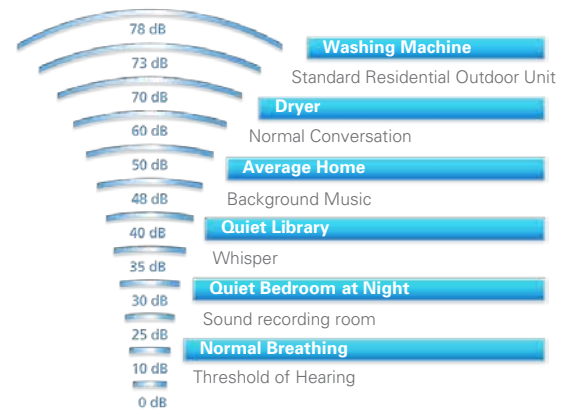
### See the difference

A Daikin inverter-ducted system is designed for installation where space is limited, such as with zero lot lines, or limited to roof, wall or terrace areas. The compact and lightweight design, when compared to traditional solutions allows the Daikin inverter-ducted system to be used in homes with the strictest of limitations with relative ease.

### Advanced water-shedding drain pan

Engineered with multiple drain holes and channels providing effective water shedding.

Sound levels as low as:



Single fan drain pan



Double fan drain pan

## FAQ Series Wall-Mount

18,000 – 24,000 BTU/h

*(Heat Pump or Cooling Only)*

- » Up to 17.3 SEER2 | Up to 7.8 HSPF2
- » Vertical auto-swing function ensures efficient air distribution
- » Removable front panel for easy cleaning
- » Mold-resistant, washable filters



SkyAir FAQ  
Wall Mount

## FTQ Series Multi-Positional Air Handler

18,000 – 48,000 BTU/h

*(Heat Pump or Cooling Only)*

- » Up to 16.4 SEER2 | Up to 9.2 HSPF2
- » Low ambient heat operation down to -4°F
- » Upflow, downflow, horizontal left, or horizontal right configurations
- » Field-installed electric heat options available from 3 kW to 19 kW



SkyAir FTQ  
Multi-Positional  
Air Handling Unit

## FCQ Series Roundflow Sensing Cassette

18,000 – 48,000 BTU/h

*(Heat Pump or Cooling Only)*

- » Up to 21 SEER2 | Up to 10.3 HSPF2
- » 23 configurable airflow patterns ensure ideal airflow distribution
- » 360° airflow reduces draft
- » Optional self-cleaning filter panel



SkyAir FCQ  
Ceiling Cassette

## FBQ Series HSP Concealed Ducted

18,000 – 48,000 BTU/h

*(Heat Pump or Cooling Only)*







- » Up to 16.9 SEER2 | Up to 9.5 HSPF2
- » Drain pan inspection port makes it easy to observe drain pan conditions
- » Built-in condensate pump
- » Optional MERV 13 filter box to help improve IAQ



SkyAir FBQ  
HSP Concealed Ducted

### Quick and easy installation for a broad range of applications

SkyAir is the ultimate ducted and duct free solution for light commercial and residential whole house applications. Ranging from 18,000 Btu/h to 48,000 Btu/h, these innovative systems provide energy efficiency, technological reliability and installation flexibility.

Model	Indoor Unit name	Sizes available (rated Cooling kBTU/h)						Matching Outdoor Units
		18	24	30	36	42	48	
<b>Wall-Mounted Units (FAQ Type)</b>	FAQ_TAVJUA 	■ ■	■ ■					RZR_TBVJUA (Cooling Only) RZQ_TBVJUA(Heat Pump) 
<b>DC Duct Concealed (FBQ Type)</b>	FBQ_TBVJU 	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	RZR_TBVJUA (Cooling Only) RZQ_TBVJUA(Heat Pump) 
<b>Round Flow Sensing Cassette (FCQ Type)</b>	FCQ_AAVJU 	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	RZR_TBVJUA (Cooling Only) RZQ_TBVJUA (Heat Pump) 
<b>Multi-positional Air Handling Unit (FTQ Type)</b>	FTQ_TAVJUD/A 	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	RZR_TBVJUA (Cooling Only) RZQ_TBVJUA (Heat Pump) 

■ Available in Heat Pump  
 ■ Available in Cooling Only

### Wide range of simple and/or intelligent controllers to choose from



# VARIABLE REFRIGERANT TEMPERATURE — VRT

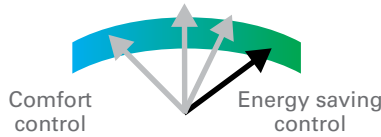
## VRT mode control selection to match user preferences

These charts reflect the operation trend of a *SkyAir* system when in normal operation and under VRT control. Actual energy savings through VRT vary based on the building location, load characteristics, occupancy and system usage conditions.



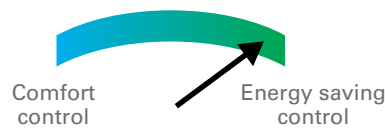
### A view of the various VRT modes of operation:

**Automatic mode (Default setting on *SkyAir*)**



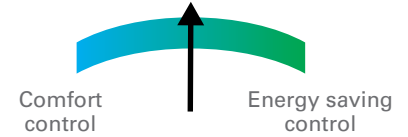
The perfect balance:  
Energy saving control throughout most of the year.  
Maximum comfort control on the hottest and coldest days of the year.

**High sensible mode**



Year round energy saving control.  
Ideal for dryer climates.

**Basic mode (Previous *SkyAir* System)**



Quick reaction to peak load  
to maintain set point.



- » Increases the flexibility of the *SkyAir* systems in both residential and commercial applications by adding a Zoning Box to an FBQ Series 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



## 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.

## 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>.



## 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.



## 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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