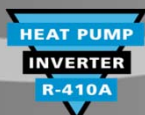




SkyAir
FTQ



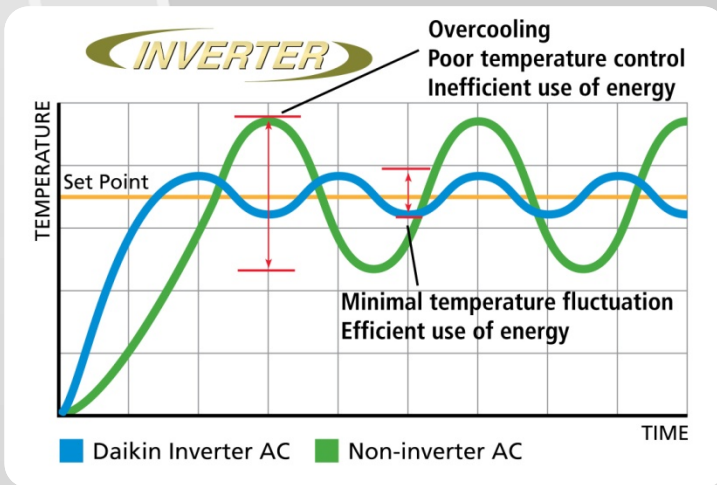
Daikin Inverter Ducted Heat Pump



A TRADITIONAL CENTRAL-AIR SYSTEM MADE BETTER WITH DAIKIN CONSTANT COMFORT INVERTER TECHNOLOGY.

The Daikin Inverter Ducted Heat Pump line is a cost-effective alternative to traditional high-efficiency gas furnace/AC systems. These new Daikin products provide more comfort due to Daikin Constant Comfort inverter technology. Daikin Inverter Ducted systems offer up to 100% heating capacity when the outside temperature is as low as 14°F (systems can operate in heating mode down to 0°F), making them cheaper to run than traditional heat-pump systems in most climates. They are also more compact and quieter than traditional units.

ENERGY EFFICIENCY – UP TO SEER 20 AND HSPF 12



Integrated with an inverter “variable speed” compressor, systems deliver the capacity required to maintain desired room conditions, reducing energy consumption by 30% compared to traditional fixed speed systems. This technology minimizes temperature fluctuations and provides continuous cooling and heating comfort with maximum energy savings.

Daikin Inverter Ducted systems are also energy efficient:

- Up to SEER 20, and HSPF 12
- CEE Tier II rated (42MBH is rated Tier 1)

INDIVIDUAL COMFORT AND CONTROL

The Navigation remote controller option has a configurable display that offers 3 options with an advanced display great for residential applications. The infra-red wireless remote controller option features fan speed control, temperature settings and program dry operation. The systems combine superior comfort control with lifestyle convenience all at the touch of a button.



BUILT-IN RELIABILITY



All major components are engineered and manufactured by Daikin, ensuring maximum performance, reliability and efficiency.

The standard warranty provides a solid level of protection on the SkyAir Series systems. Systems installed by an authorized Daikin 3D Dealer who has completed Daikin’s advanced training can take advantage of Warranty Plus – the best warranty in the industry.

Find a Daikin Dealer near you at www.daikinac.com.



ADVANCED FEATURES THAT MAKE A DIFFERENCE



Combination of FTQ18/24/30/36PBVJU with RZQ18/24/30/36PVJU9 qualify for the Energy Tax Extenders of The American Taxpayers Relief Act of 2012.

Feel the Difference

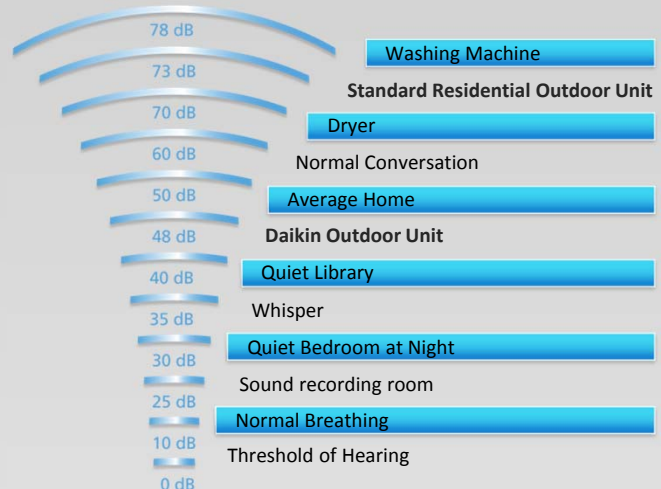


Designed for superior heating capacity in low-ambient conditions and absolute comfort, Daikin Inverter Ducted units provide comfortable heating down to 0°F, with up to 100% capacity available at temperatures as low as 14°F. With the ability to operate in cooling mode from 23°F to 115°F, this makes installation easier in most climates since additional supplemental electric heater is not required.

Hear the Difference

Daikin Inverter Ducted systems have sound reducing features such as compressor sound attenuators, but they're also quieter than conventional systems because they have fewer moving parts and rarely run at full speed. Utilizing inverter technology to maintain comfort settings, Daikin systems most often operate at low speeds with outdoor sound levels in the mid to high 50s dB(A).

Sound levels as low as:

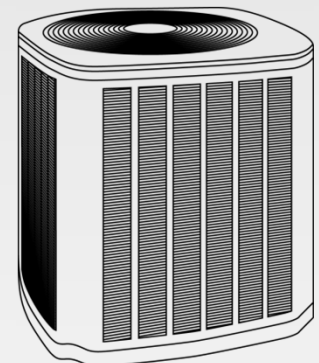


Easy Installation

A Daikin Inverter Ducted outdoor unit is not as large and bulky as the outdoor unit on a conventional system. More than one of the compact and lightweight units can be fitted in the bed of a standard pickup truck.



- Reduced installation time with integrated electronic expansion valve and printed circuit boards
- Volt-free float switch integration option
- Corrosion-resistant coating on outdoor unit heat exchanger
- Indoor fan coil unit with up flow or horizontal right configurations
- Heating and Cooling Fan Auto mode can be configured separately
- Dual-voltage 208-230V/1/60 Hz power supply
- Optional electric resistance heat
- Gravity-fed drain connection



LEADING TECHNICAL PERFORMANCE

| System Performance | | | | | | |
|--------------------------------|---------|----------------|----------------|-----------------|-----------------|-----------------|
| Model Name | Indoor | FTQ18PBVJU | FTQ24PBVJU | FTQ30PBVJU | FTQ36PBVJU | FTQ42PBVJU |
| | Outdoor | RZQ18PVJU9 | RZQ24PVJU9 | RZQ30PVJU9 | RZQ36PVJU9 | RZQ42PVJU9 |
| Cooling Capacity (Rated) | Btu/h | 18,000 | 24,000 | 30,000 | 36,000 | 40,000 |
| Cooling Capacity (Min - Max) | Btu/h | 9,000 - 18,000 | 9,000 - 24,000 | 12,000 - 30,000 | 12,000 - 36,000 | 12,000 - 42,000 |
| Heating Capacity (Rated) | Btu/h | 20,000 | 27,000 | 34,000 | 40,000 | 47,000 |
| Heating Capacity (Min - Max) | Btu/h | 9,000 - 20,000 | 9,000 - 27,000 | 12,000 - 34,000 | 12,000 - 40,000 | 12,000 - 47,000 |
| SEER | | 20.0 | 19.0 | 19.5 | 18.0 | 17.0 |
| EER | | 14.5 | 13.5 | 13.5 | 12.5 | 12.0 |
| HSPF | | 12.0 | 11.5 | 10.0 | 9.5 | 9.0 |
| Power Supply | V/ph/Hz | 208-230/1/60 | | | | |
| Minimum Circuit Amps | A | 16.5 | | 27.0 | | |
| Maximum Overcurrent Protection | A | 20.0 | | 30.0 | | |
| Power Consumption - Cooling | kW | 1.19 | 1.68 | 2.06 | 2.65 | 3.05 |
| Power Consumption - Heating | kW | 1.41 | 1.98 | 2.53 | 3.03 | 4.02 |
| Operating Current - Cooling | A | 1.2 | 1.3 | 1.8 | 2.2 | 2.8 |
| Operating Current - Heating | A | 1.2 | 1.3 | 1.8 | 2.2 | 2.8 |

| Indoor Units - FTQ Unitary | | | | | | |
|----------------------------|------------------|------------------|-------------|------------------|-----------------|-----------------|
| Model Name | | FTQ18PBVJU | FTQ24PBVJU | FTQ30PBVJU | FTQ36PBVJU | FTQ42PBVJU |
| External Static Pressure | "W.G. | Up to 0.50 | | | | |
| Airflow (H/M/L) | CFM | 600/510/420 | 800/680/560 | 1,000/850/700 | 1,200/1,020/840 | 1,400/1,190/980 |
| Piping Connections | Liquid (O.D.) | in. | Ø 3/8 | Ø 3/8 | Ø 3/8 | Ø 3/8 |
| | Gas (O.D.) | in. | Ø 5/8 | Ø 5/8 | Ø 5/8 | Ø 5/8 |
| | Condensate Drain | in. | Ø 1 | Ø 1 | Ø 1 | Ø 1 |
| Dimensions (H x W x D) | in. | 48-1/8 x 22 x 26 | | 58-1/4 x 22 x 26 | | |
| Net Weight | lbs. | 150.0 | | 192.0 | 203.0 | |

| Outdoor Units - RZQ_PVJU9 Heat Pump | | | | | | |
|--|-------|----------------------------|------------|-----------------------------|------------|------------|
| Model Name | | RZQ18PVJU9 | RZQ24PVJU9 | RZQ30PVJU9 | RZQ36PVJU9 | RZQ42PVJU9 |
| Sound Pressure Level - Cooling/Heating | dB(A) | 49/49 | 49/49 | 49/49 | 58/58 | 58/58 |
| Operating Range - Cooling | °F DB | 23 - 115 | 23 - 115 | 23 - 115 | 23 - 115 | 23 - 115 |
| Operating Range - Heating | °F DB | 0 - 77 | 0 - 77 | 0 - 77 | 0 - 77 | 0 - 77 |
| Operating Range - Heating | °F WB | 0 - 60 | 0 - 60 | 0 - 60 | 0 - 60 | 0 - 60 |
| Max. Piping Length | ft. | 98.0 | | 230.0 | | |
| Max. Piping Height | ft. | 98.0 | | 164.0 | | |
| Dimensions (H x W x D) | in. | 30-5/16 x 35-7/16 x 12-5/8 | | 52-15/16 x 35-7/16 x 12-5/8 | | |
| Net Weight | lbs. | 150.0 | | 283.0 | | |

| Options | Part Number |
|---|--|
| Navigation Remote Controller (Option) | BRC1E72 |
| Wireless Remote Controller (Option) | BRC4C82 |
| Remote sensor | KRCS01-4B |
| Heat Pump Mode Lock Out Kit (for RZQ18/24PVJU9) | DACA-BRP4A81 |
| Electric Heater Connection Kit | KER26A60 |
| Electric Heater Kits | HKR-03, HKR-05C, HKR-06, HKR-08C, HKR-10C, HKR-15C |
| Remodeling wiring adaptor | KRP1C75 *1 |
| Group control adaptor | KRP4A74 *2 |
| Fixing box for options | KRP1B101 *3 |
| External control adaptor for outdoor unit | DTA104A53 *2 |

*1 Need 24V AC power supply

*2 Need 16V DC power supply

*3 Fixing box is installed beside the unit

TIME-SAVING INSTALLATION AND EASE

To ensure continuous heating in the harshest climates, Daikin provides electric heater options with the capacities as follow. This represents Daikin's free of mind guarantee to ensure full compatibility within the total system offered and top performance.

| Model name | Electrical heater capacity | | | | | |
|------------------------------------|----------------------------|-------------------------------|-----|-----|---------------|------|
| | 3kW | 5kW | 6kW | 8kW | 10kW | 15kW |
| FTQ18PBVJU | ⊙ | ○ | ○ | × | × | × |
| FTQ24PBVJU | ⊙ | ○ | ○ | ○ | ○ | × |
| FTQ30PBVJU | ⊙ | ⊙ | ○ | ○ | ○ | × |
| FTQ36PBVJU | ⊙ | ⊙ | ○ | ○ | ○ | × |
| FTQ42PBVJU | ⊙ | ⊙ | ⊙ | ⊙ | ○ | ○※ |
| ⊙ Operation with Heat Pump Allowed | | ○ Electric Heater Option Only | | | × Not Allowed | |

EASE OF INSTALLATION

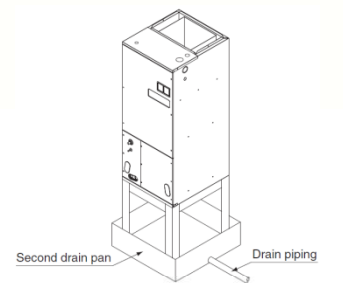
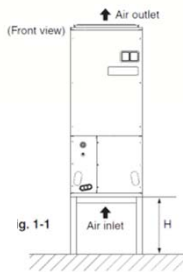
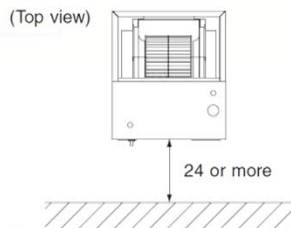
Connected by a pair of refrigerant lines, few electrical connections, and little to no ductwork, indoor and outdoor units can be easily installed in existing spaces with minor disruption and often in a single day's work. The compact and lightweight designs combined with flexible piping and minimal wiring allow installation with minimal time and costs.

For FTQ18/24/30/36/42PBVJU

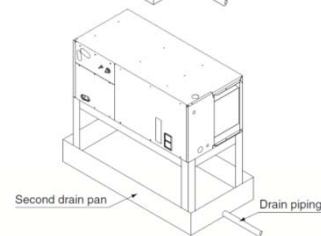
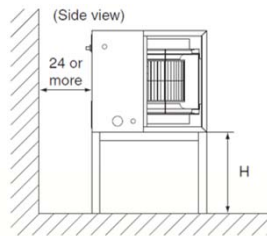
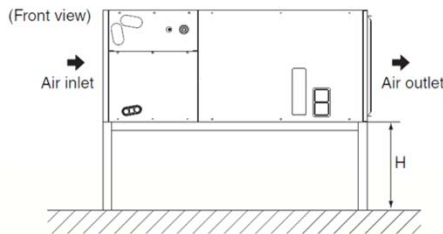
Space required for installation (in.)
H = 19" 1/8

The installation of a secondary drain pan is necessary as shown below.
Always refer to installation manuals for details.

If installed vertically



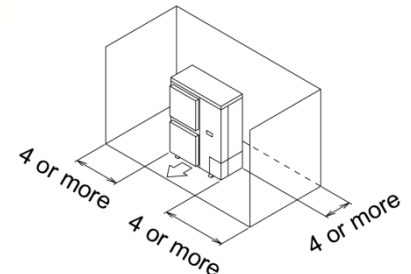
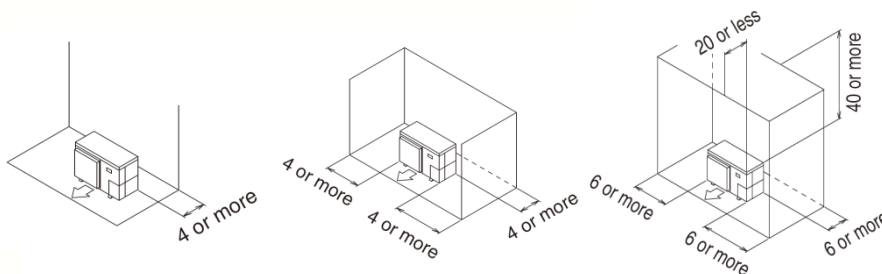
If installed horizontally



For RZQ18/24/30/36/42PVJU9

Space required for installation (in.)

For double-fan outdoor modules, the requirements are similar in some cases.
Always refer to installation manuals for details.



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.



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

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