DAIKIN

Single and Multi-Zone Systems Reference Guide

WARNING

Only personnel that have been trained to install, adjust, service or repair (hereinafter, “service”) the equipment specified in this manual should service the equipment. The manufacturer will not be responsible for any injury or property damage arising from improper service or service procedures. If you service this unit, you assume responsibility for any injury or property damage which may result. In addition, in jurisdictions that require one or more licenses to service the equipment specified in this manual, only licensed personnel should servise the equipment. Improper installation, adjustment, servicing or repair of the equipment specified in this manual, or attempting to install, adjust, service or repair the equipment specified in this manual without proper training may result in product damage, property damage, personal injury or death.

WARRANTY OVERVIEW

Single and Multi-Zone Systems		*SkyAir*††
17 series† NV series†† LV 30/36††	19 series†, Daikin *EMURA*† Daikin *AURORA*†, LV series†, FDMQ† *QUATERNITY*†, Daikin *VISTA*†, RMXS† / MXS series†	All products
		

* Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 10-Year Parts Limited Warranty or 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration and some of the additional requirements are not required in California or Québec.

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

†† Limited warranty registration not required for residential or commercial installations.

Proper sizing and installation of equipment is critical to achieving 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

Not all models are **ENERGY STAR** certified. Refer to specification sheets for further details.

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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SPECIFICATIONS & ACCESSORIES

DESIGN AND INSTALLATION

SINGLE AND MULTI-ZONE SYSTEM BENEFITS

Features	Benefits
INVERTER-DRIVEN COMPRESSORS	Energy savings* by using only the system capacity needed to heat or cool a space
TOTAL ZONE CONTROL	Cool and heat only rooms needing indoor comfort
INDIVIDUAL COMFORT	Personal comfort control in each room or zone
EASY INSTALLATION	Quick and easy installation, often within a day's work
YEAR-ROUND COMFORT	Heat in extreme climates, down to -13°F WB, without the need of supplemental heat (select models).
QUIET OPERATION	Operating sound levels as low as 19** dB(A) for undisturbed home comfort.

*Compared to 14 SEER Unitary System
**On SL fan speed in cooling mode

INVERTER – THE ♥ OF THE DAIKIN SYSTEM

The inverter compressor is the heart of a Daikin system and maximizes energy savings* and provides absolute comfort while only providing the energy needed to heat or cool a space.

USING

30%

LESS ENERGY CONSUMPTION*
WITH AN INVERTER COMPRESSOR
& FAN MOTOR TECHNOLOGY

WORKS BY CONTROLLING A
COMPRESSOR LIKE A THROTTLE
PEDAL CONTROLS A CAR ENGINE

ACHIEVING EFFICIENT PART LOAD PERFORMANCE WITH AN AVERAGE OF **75%** OF TOTAL OPERATING HOURS AT **LESS THAN 70% OF FULL CAPACITY**

GENERATES THE SAME AMOUNT
OF HEAT OUTPUT AS ELECTRIC
BOOSTER HEAT WITHOUT THE
EXTRA ENERGY

LONGER COMPRESSOR LIFE WITH FEWER STARTS AND LESS WEAR AND TEAR VS. NON-INVERTER SYSTEMS

REFRIGERANT FLOW DELIVERED=
REFRIGERANT REQUIRED FOR SPACE

*Compared to 14 SEER Unitary System

PRODUCT

Wall-Mounted

Single Zone Models

17 series | FTXB/FTKB | 9,000- 24,000 BTU/h *(Heat Pump or Cooling Only)*

See pages 42-43 for more info

- 17 SEER | 9 HSPF
- Cooling Range 50 - 115°F
- Heating Range 5 - 65°F
- Indoor Sound Pressure as low as 22* dB(A)
- Titanium Apatite Photocatalytic Air Purifying Filter for improved indoor air quality.

NEW 19 Series | FTX/FTK | 9,000- 24,000 BTU/h *(Heat Pump or Cooling Only)*

See pages 44-45 for more info

- Up to 19 SEER | Up to 10 HSPF
- Cooling Range 50 - 115°F (Extended operation to -4 - 115°F with facility setting and optional Air Adjustment Grille)
- Indoor Sound Pressure as low as 19* dB(A)
- Titanium Apatite Photocatalytic Air Purifying Filter for improved indoor air quality.
- Compatible with Daikin Comfort App or DKN Cloud App (adaptor required)

Daikin *AURORA* Wall-Mounted | FTX | 9,000- 24,000 BTU/h *(Heat Pump)*

See pages 50-51 for more info

- Up to 20.3 SEER | Up to 12.5 HSPF
- Up to 100% rated cooling capacity at 104°F DB, up to 100% rated heating capacity at 5°F WB
- Cooling Range 50 - 115°F (Extended operation to -4 - 115°F with facility setting and optional Air Adjustment Grille)
- Heating Range -13 - 60°F
- Indoor Sound Pressure as Low as 19* dB(A)
- Titanium Apatite Photocatalytic Air Purifying Filter for improved indoor air quality.
- Comfort Mode – 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 – Prevents cold draft when heating starts, or when unit changes from cooling to heating.
- Compatible with Daikin Comfort App or DKN Cloud App (adaptor required)

*On SL fan speed in cooling mode

Wall-Mounted

Single Zone Models

QUATERNITY **| FTXG |** 9,000 - 15,000 BTU/h (*Heat Pump*)

See page 61 for more info

- Up to 26.1 SEER | Up to 11.0 HSPF
- Cooling Range 14° - 109°F
- Heating Range -4 - 75°F
- Indoor Sound Pressure as low as 26 dB(A)
- Dehumidifying to a preset relative humidity setting
- Flash Streamer air cleaner
- 3-D Airflow combines vertical and horizontal auto-swing to circulate cool/ warm air to the corners of large spaces
- Available on Single Zone Systems only

LV series | FTXS | 9,000 - 24,000 BTU/h *(Heat Pump)*

See pages 60-61for more info

- Up to 24.5 SEER | Up to 12.5 HSPF
- Cooling Range 14 - 115°F (Extended operation to 0 - 115°F with facility setting and optional Air Adjustment Grille)
- Heating Range 5 - 65°F
- Indoor Sound Pressure as low as 22* dB(A)
- Intelligent Eye infrared sensor with the ability to sense movement in the room and change temperature conditions during unoccupied periods
- 3-D Airflow combines vertical and horizontal auto-swing to circulate cool/ warm air to the corners of large spaces
- Titanium Apatite Photocatalytic Air Purifying Filter for improved indoor air quality.
- Compatible with Daikin Comfort App or DKN Cloud App (adaptor required)

*On SL fan speed in cooling mode

Wall-Mounted

Single and Multi-Zone Models

Daikin *EMURA* Wall-Mounted | CTXG/FTXR | 9,000 - 18,000 BTU/h *(Heat Pump)*

See pages 48-49 for more info

- Up to 18 SEER | Up to 10 HSPF
- Indoor Sound Pressure as low as 19* dB(A)
- Stylish silver or pure matte white finish
- 2-Area Intelligent Eye infrared sensor with the ability to sense movement in the room and change temperature conditions during unoccupied periods. The intelligent eye also directs air flow away from people in the room to avoid cold drafts.
- 3-D Airflow combines vertical and horizontal auto-swing to circulate cool/warm air to the corners of large spaces
- Comfort Mode – 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.
- Titanium Apatite Photocatalytic Air Purifying Filter for improved indoor air quality.
- Compatible with Daikin Comfort App or DKN Cloud App (adaptor required)

*On SL fan speed in cooling mode

Wall-Mounted

Single Zone Models

NV & LV 30/36 | FTX/FTXS | 30,000 – 36,000 BTU/h *(Heat Pump or Cooling Only)*

See page 64-65 for more info

- Up to 17.5 SEER | Up to 9.3 HSPF
- Cooling range 50 - 115°F
- Low ambient cooling down to -22°F on FTX cooling only system with facility settings and air adjustment grille
- Optional Ultra Low Ambient Year Round Cooling Kit, down to -40°F on FTXS cooling only system
- Indoor sound pressure as low as 37* dB(A)
- Intelligent Eye infrared sensor with the ability to sense movement in the room and change temperature conditions during unoccupied periods
- 3-D airflow combines vertical and horizontal auto-swing to circulate cool/warm air to the corners of large spaces
- Comfort Mode – 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.
- Titanium Apatite Photocatalytic Air Purifying Filter for improved indoor air quality.
- Compatible with Daikin Comfort App or DKN Cloud App (adaptor required)

***SkyAir* Wall Mount | FAQ |** 18,000 - 24,000 BTU/h *(Heat Pump or Cooling Only)*

See page 75 for more info

- Up to 17.6 SEER | Up to 8.4 HSPF
- Cooling Range 23 - 122°F (Extended operation to 0°F with optional Air Adjustment Grille)
- Heating Range -4 - 60°F
- Indoor Sound Pressure as low as 37 dB(A)
- Vertical auto-swing function & wide angle louvers ensure efficient air distribution & comfortable airflow.
- Front panel can be removed for easy cleaning.

*On SL fan speed in cooling mode

Ceiling-Mount and Floor-Standing

Single and Multi-Zone Models

Daikin *VISTA* Ceiling Cassette | FFQ | 9,000 – 18,000 BTU/h *(Heat Pump)*

See pages 62-63 for more info

- » Up to 20.9 SEER | Up to 11.7 HSPF
- » Cooling range 5 - 115°F
- » Heating range 5 - 65°F
- » Indoor sound pressure as low as 29 dB(A)
- » 2x2 for seamless integration into ceiling tiles
- » 2, 3 or 4-way airflow pattern
- » Built-in condensate pump (up to 22")
- » Fresh air intake knockout
- » Presence and floor sensor (optional)

SkyAir Round Flow Sensing Cassette | FCQ | 18,000 – 48,000 BTU/h

(Heat Pump or Cooling Only)

See pages 78-79 for more info

- » Up to 18.6 SEER | Up to 10.2 HSPF
- » Cooling range 23 - 122°F (Extended operation to 0°F with optional Air Adjustment Grille)
- » Heating range -4 - 60°F
- » Indoor sound pressure as low as 28 dB(A)
- » 23 configurable airflow patterns ensure ideal airflow distribution
- » 360° airflow reduces draft

SkyAir Ceiling-Suspended | FHQ | 18,000 – 42,000 BTU/h *(Heat Pump or Cooling Only)*

See pages 80-81 for more info

- » Up to 16.6 SEER | Up to 9.3 HSPF
- » Cooling range 23 - 122°F (Extended operation to 0°F with optional Air Adjustment Grille)
- » Heating range -4 - 60°F
- » Auto-swing capability with 100° airflow pattern for comfortable distribution
- » Lateral servicing space allows installation in corners, narrow spaces, walls, and ceilings
- » Innovative stream fan technology

Daikin *AURORA* Floor-Mounted | FVXS | 9,000 – 15,000 BTU/h *(Heat Pump)*

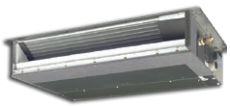
See page 52-53 for more info

- » Up to 20.0 SEER | Up to 11.7 HSPF
- » Up to 100% rated cooling capacity at 104°F DB, up to 100% rated heating capacity at 5°F WB
- » Cooling range 50 - 115°F (extended operation to -4 - 115°F with facility setting and optional air adjustment grille)
- » Heating range -13 - 60°F
- » Indoor sound pressure as low as 23* dB(A)
- » Mounted in various configurations, including partially or completely concealed

*On SL fan speed in cooling mode

Ducted Models

Slim-Duct | FDXS / CDXS | 9,000 – 24,000 BTU/h *(Heat Pump)*



See pages 72 for more info

- Up to 15.5 SEER | Up to 10.4 HSPF
- Static capability up to 0.16 in. w.g.
- Cooling range 14 - 115°F
- Heating range 5 - 65°F
- Indoor sound pressure as low as 31 dB(A)
- Compact design (7-7/8" in height)
- Rear or bottom return
- CDXS models compatible with multi-zone outdoor models only

FDMQ Ducted Concealed | FDMQ | 9,000 - 24,000 BTU/h *(Heat Pump)*

See pages 58-59 for more info

- Up to 20.2 SEER | Up to 10.6 HSPF
- Cooling Range 50 - 115°F (Extended operation to -4 - 115°F with facility setting and optional Air Adjustment Grille)
- Heating Range 5 - 65°F
- Indoor Sound Pressure as low as 32 dB(A)
- Capable of providing external static pressures up to 0.6 in. w.g. on all models

Daikin *AURORA* Ducted Concealed | FDMQ | 12,000 - 24,000 BTU/h *(Heat Pump)*

See pages 54-55 for more info

- Up to 19.4 SEER | Up to 10.8 HSPF
- Up to 100% rated cooling capacity at 104°F DB, up to 100% rated heating capacity at 5°F WB
- Cooling range 50 - 115°F (Extended operation to -4 - 115°F with facility setting and optional Air Adjustment Grille)
- Heating Range -13 - 65°F
- Indoor Sound Pressure as low as 33 dB(A)
- Capable of providing external static pressures up to 0.6 in. w.g. on all models

Ducted Models

SkyAir DC Duct Concealed | FBQ | 18,000 – 48,000 BTU/h *(Heat Pump or Cooling Only)*

See pages 76-77 for more info

- Up to 16.7 SEER | Up to 9.7 HSPF
- Cooling range 23 - 122°F (Extended operation to 0°F with optional Air Adjustment Grille)
- Heating range -4 - 60°F
- Indoor sound pressure as low as 37 dB(A)
- Medium external static pressure (ESP) capabilities up to 0.8" W.G.
- Three user selected fan speeds available plus fan “Auto” logic
- Built-in condensate pump
- Bottom access for easy service

SkyAir Air Handling Unit | FTQ | 18,000 – 48,000 BTU/h *(Heat Pump)*

See pages 82-83 for more info

- Up to 16.0 SEER | Up to 10.4 HSPF
- Cooling range 23 - 122°F (Extended operation to 0°F with optional Air Adjustment Grille)
- Heating range -4 - 60°F
- Indoor sound pressure as low as 38 dB(A)
- Upflow, downflow, horizontal left or horizontal right configurations
- Field-installed electric heat options available from 3 kW to 19 kW
- Designed for zero clearance on three sides and only 24" clearance on the front for service.
- Factory installed disconnect switch

Outdoor Units

Single Zone MODELS

RK, RKB, RKS *(Cooling Only)*
RX, RXB, RXS, RXG, RXL *(Heat Pump)*
9,000 – 24,000 BTU/h

» Up to 26.1 SEER
» Slim, compact design
» Anti-corrosion coating on heat exchanger
» For rooms up to 1,600 SF

RZQ *(Heat Pump)* **RZR** *(Cooling Only)*
18,000 – 48,000 BTU/h

» Up to 18.6 SEER
» Choose from 5 indoor ducted and non-ducted indoor model types
» Up to 230 ft. total piping length
» Heating operation down to -4°F (Heat pump only)
» User-friendly, intelligent controls

MULTI-ZONE MODELS

MXL, MXS, RMXS *(Heat Pump)*
18,000 – 48,000 BTU/h

» Up to 21.7 SEER and up to 12.5 HSPF
» Mix and match indoor unit flexibility
» Up to 130% connection ratio
» Long piping lengths up to 433 ft. total
» Connect 2-8 indoor units to one outdoor unit

See pages 62-64 for more info

** RMXS48LVJU requires at least one branch port unit. Refer to Engineering Guide for details.*

Infrared Remote Controller

Comfort control at your fingertips

Want to make your room comfortable at the touch of a single button? No problem. Wall-mounted and slim-ducted units come with a user-friendly remote control featuring a minimalistic, modern design in a matte crystal-white finish that forms a perfect match with the indoor unit.

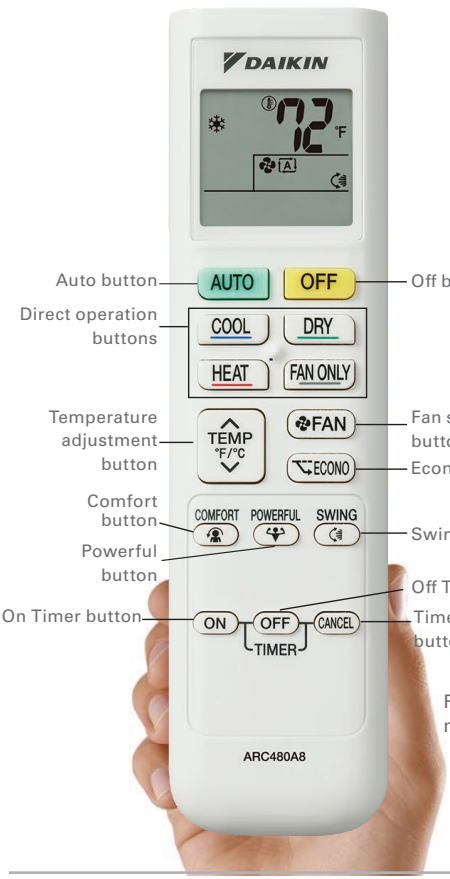
CONTROLLER FEATURES INCLUDE:

- **FAN**: Fan speed adjustment
- **POWERFUL**: System boost for 20 minutes in current operating mode
- **MODE**: HEAT, COOL, AUTO, DRY
- **TEMP**: Set-point adjustment
- **COMFORT***: Adjusts louver position based on mode
- **SENSOR***: Intelligent Eye occupancy sensor
- **SWING***: Automatic vertical and horizontal auto-swing
- **WEEKLY***: 7-day programmable schedule
- **TIMER**: Timer and clock adjustment

**Available on Select Systems*

Wireless Remote Controller

Optional wall-mounted wired controller (BRC944B2) available (requires KRP adaptor on the FTX09, 12, 15 AURORA models).



FTX09, 12, 15 *AURORA* model shown. Models vary.

Daikin Comfort Control App and Wireless Interface Adaptor for Single & Multi-Zone Systems

BRP072A43

App functionality requires that a **BRP072A43** wireless Interface Adaptor be connected to an approved Daikin system.

Daikin Comfort Control App Screen Shots

Control individual units or groups of units conveniently

Select mode of operation and temperature setting

Compatibility

SERIES	MODELS
19	FTX(K)_NMVJU FTX(K)_AXVJU
Daikin *AURORA*	FTX_NMVJU FVXS_NMVJU, FTX_UVJU
LV	FTXS_LVJU FDXS_LVJU
NV	FTX_NVJU
MXS/ Daikin *AURORA* MXL	CTXG_QVJUW/S, FTXR_TVJUW/S, CTXS_LVJU, FTXS_LVJU, FVXS_NMVJU, FDXS_LVJU, CDXS_LVJU
Daikin *EMURA*	FTXR_TVJUW/S

Functions accessible via the Daikin Comfort Control App

Auto Mode — Your Daikin system will change between cooling or heating to maintain the desired temperature range.

Fan Mode — The indoor unit fan will run to circulate the air in the space without cooling or heating

Heating Mode — Your Daikin system will only run in heating mode to maintain the desired heating temperature

Cooling Mode — Your Daikin system will only run in cooling mode to maintain the desired cooling temperature

Dry Mode — Your Daikin system will continually work to dry the air without affecting the temperature in the space

Schedule — Adjust or set a schedule remotely

DKN Cloud Wi-Fi Adaptor

» Remote control of indoor units from iOS/ Android smartphone app

» Features
- On/Off
- Mode
- Set-point
- Fan speed
- Room temperature
- Error alert
- Leveled user authority

DKN Cloud Wi-Fi Adaptor

DKN

Google play

Available on the App Store

works with the Google Assistant

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WI-FI ADAPTOR PART #	INDOOR UNIT	MODELS
AZAI6WSZDKA	Daikin *VISTA*	FFQ_Q2VJU
	FDMQ Ducted Concealed	FDMQ_RVJU
	SkyAir	FAQ_PVJU, FAQ_TAVJU, FBQ_PVJU, FCQ_PAVJU, FCQ_TAVJU, FHQ_MVJU, FHQ_PVJU, FTQ_PBVJU, FTQ_TAVJUD/A
AZAI6WSZDKB	Residential Single and Multi-Zone (S21)	CDXS, CTXS, FDXS, FTK*, FTX*, FTXG, FTXR, FTXS, FVXS

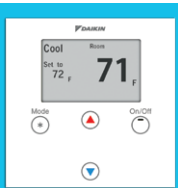
*additional adaptor required for some models. Check engineering manual for details.

BRC1E73 *Navigation* Remote Controller

Advanced, configurable comfort.

The *Navigation* Controller provides advanced comfort with as little or as much control as your home or business desires. Choose from an advanced or simplified display or one of the available optional face decals for comfort in a minimal, sleek design.

Advanced Display



Simplified Display

Optional Face Decals

Single Setpoint Face Decals for Simplified Display

BRC1E73RM

BRC1E73RF

BRC1E73RMF

Dual Setpoint Face Decals for Simplified Display

BRC1E73RM2

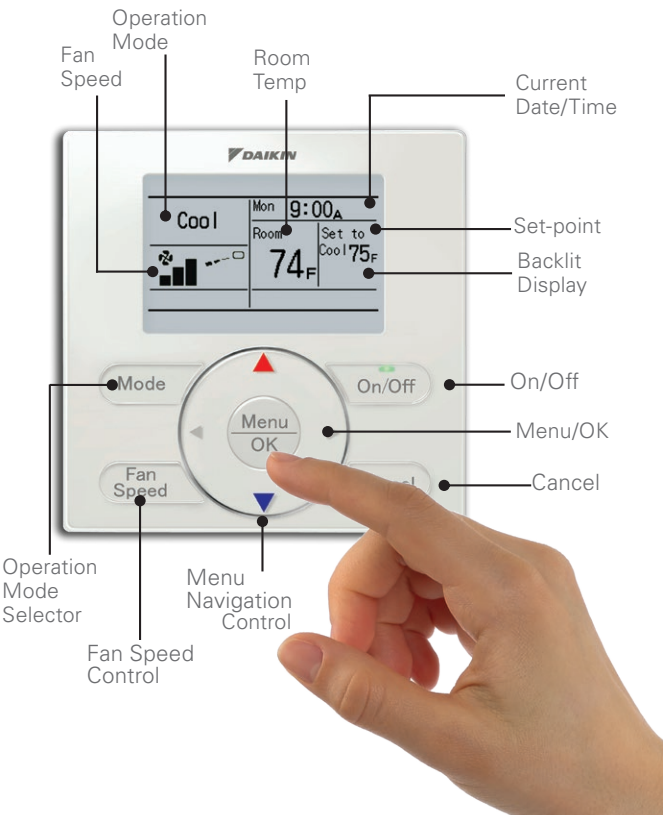
BRC1E73RF2

BRC1E73RMF2

Note: Not available with all products.

Features & Functions:

Basic Operation	Function
Operation Mode	Configurable Display
Set-Points	Auto-Changeover
Fan Speed, Airflow Direction	Weekly Schedule
Auto On/Off Timer	Independent Cooling and Heating Set-Points and Setback for unoccupied periods



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, AZAI6WSCDKB or AZAI6WSPDKC (model dependent).

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 Daikin *One* home app, *Google*, and *Amazon* voice assistants. Learn more at www.daikinone.com.

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

works with the Google Assistant

JUST ASK alexa

Daikin *Madoka* Remote Controller

Daikin is pleased to introduce the *Madoka* remote controller for the North American FDMQ, FFQ & *SkyAir* indoor units. The *Madoka* features a sleek and stylish design with an intuitive interface including touch button control. It retains advanced functions for indoor unit control. It can be commissioned and managed with ease through a Bluetooth® configuration app or via the onboard menus. The *Madoka* provides 3 configurable display modes: Text (default), Icon, and Scale to help meet project and occupant needs. Learn more at www.daikinac.com.

Award-winning design. *Madoka* earned an IF design award and Red Dot Product Design Award for its innovative design.

DESIGN AWARD 2018

reddot award 2018 winner

DAIKIN

***Madoka* Quick Set App**
Available for download on iOS and *Android* devices.

GET IT ON Google Play

Download on the App Store

New! Daikin *Adaptive Touch Controller*

The Daikin *Adaptive Touch Controller* (ATC) is used to control FDMQ, FFQ *& SkyAir* indoor units with advanced and configurable control logic. The *ATC* comes in 4 different models with a built-in temperature sensor, humidity sensor, CO_2 sensor, and occupancy sensor. The *ATC* will also provide analog input, analog output, digital input, and digital output terminals to monitor auxiliary sensors and control auxiliary equipment. The built-in sensors can be combined with advanced logic to create actionable tasks based upon the sensor values. The *ATC* controller can be integrated with a compatible building management system (BMS) using BACnet™ MS/TP.

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 Single, Multi & *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.daikinac.com.

Download on the App Store GET IT ON Google Play

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.

DAIKIN

SELLING TIPS

Single and Multi-Zone Selling Tips

Look for opportunities to sell Daikin single and multi-zone systems on EVERY call.

1. Discover homeowner problems and needs.

Ask questions and have customers fill out a comfort survey prior to or during the visit.

- ☐ Lifestyle – age of home, family members in home, kids, aging parents, main living areas (bedroom, living room), remodeling, etc.
- ☐ Comfort – airflow issues, hot or cold rooms, noise issues, air quality, etc.
- ☐ Energy – average energy bills, expected utility trends, energy improvements to home, etc.

2. Look for additional comfort and energy saving opportunities throughout the home.

- ☐ Areas with heavy or low sunlight
- ☐ Empty rooms
- ☐ Space heaters or portable air conditioners
- ☐ Air filtration devices
- ☐ Sun rooms, porches, basements, attics, additions

3. Introduce Daikin single and multi-zone systems features and benefits.

- ☐ Next generation heating and cooling
- ☐ Single and multi-zone systems and ducted system options for individual rooms or entire homes
- ☐ Energy efficiency
- ☐ Heat and cool only the rooms you use
- ☐ Individual room comfort control
- ☐ Long-life, washable filters
- ☐ Quick and easy installation
- ☐ High quality, reliable products with outstanding limited warranties*

4. Introduce the benefits of the Daikin Comfort Control App† or DKN Cloud App††

- ☐ Control remotely from anywhere using PC, smart phone or tablet
- ☐ Traditional thermostat functionality
- ☐ Set a schedule

DKN

† Requires installation of BRP072A43 Wi-Fi adaptor

†† Requires installation of AZAI6WSCDKA, AZAI6WSCDKB or AZAI6WSPDKC (model dependent)

5. Include Daikin single and multi-zone system options with your proposal and differentiate from the competition.

- ☐ Go beyond traditional single and multi-zone systems and offer more comfort choices
- ☐ Recommend an option that includes a Daikin system
- ☐ Provide your customers with superior comfort, control and efficiency

* Complete warranty details available from your Daikin distributor or at www.daikincomfort.com or www.daikinac.com

Single and Multi-Zone System Installation Best Practices

Outdoor Unit (Compressor)

» Locate the outdoor unit on a stable level surface solid enough to bear the weight and potential vibration of the unit.

» Use adjustment risers to place the unit off the ground to minimize debris and snow buildup and improve drainage. Do not place anything under the unit which must be kept away from moisture.

» Secure outdoor units to pads, risers and/or surface using bolts and/or adhesives.

Condensate Drain

» Install with a downhill slope. Drain may be routed with line set and run to a proper termination point so long as it is away from crawl spaces and walkways.

Refrigerant Charge

» Ensure the system has the proper refrigerant charge. Many installations may not require adjustments.

» Gauges to verify refrigerant levels are only needed when adjustments are necessary. A scale must be used to ensure a proper charge when adding or removing refrigerant.

Properly installed Daikin systems can provide:

» Reduced callbacks and improved profitability

» Valuable energy savings for your customers*

» Improved customer satisfaction

» Increased referrals and future sales

*Compared to 14 SEER Unitary System

Attend a Daikin University course for more information. Register online at www.DaikinCity.com

Line Set Insulation and Protection

» Cover the entire line set length with insulation to avoid condensation. Refer to installation manual for proper insulation dimensions.

» Use separate thermal insulation pipes for gas and liquid refrigerant pipes.

» Use line cover to protect the outdoor portion of the insulated line set to avoid premature insulation damage.

» Add UV tape as needed on areas without line cover to ensure protection of the entire line set length.

Cold Climate Efficiency and Installation Tips

Indoors

» Furnaces or Zonal Electric Heat – Set back at the thermostat or shut off at the breaker for furnace or zonal heat so that it does not compete with the Daikin system.

» Temperature Set Back – Set programmable thermostat to HEAT with the fan in ON position for air distribution and set the temperature 4°F below the Daikin system.

Outdoors

» Increase clearance under the outdoor unit to promote easy drainage and reduce snow and ice buildup.

» Consider wall-mount brackets to increase outdoor unit clearance.

» Use a pan heater to avoid defrost discharge freezing inside the condenser in extreme climates.

Homeowner Education

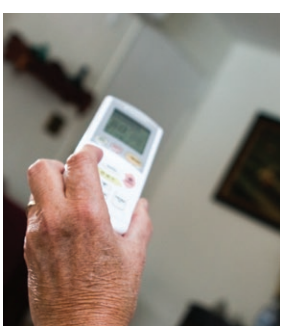
» Use Daikin systems as the primary heating and cooling system to increase comfort and efficiency. Secondary heating and cooling systems can remain off until needed as a supplement.

» Regular washing and cleaning of the filters can maintain performance and efficiency of Daikin single and multi-zone systems.

» Familiarize customers with all features provided on the Remote functionality, please see the Controller Quick User Guides:

- BRC944B2 Controller Quick User Guide
- ARC447A3 *QUATERNITY* Controller Quick User Guide
- Daikin *One+* Smart Thermostat Homeowner Guide

continued on next page

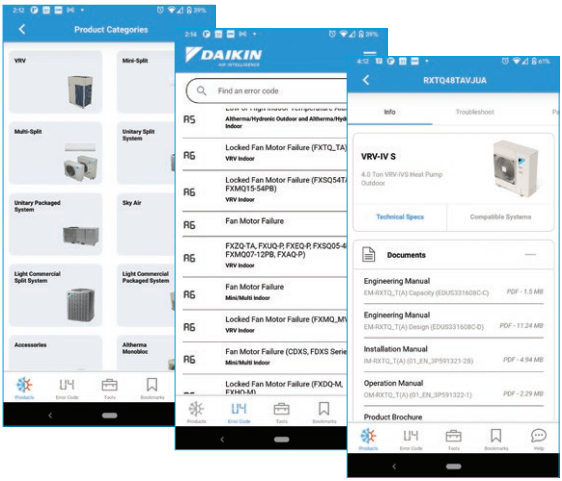


» Introduce the features of the Daikin Comfort Control App or DKN Cloud app
  - Wi-Fi set-up
  - Smart phone and tablet control
  - System control and scheduling
» Explain temperature control from remote controller, set temperature set-points that provide the desired comfort level for heat and cool operations.
» Select and set the priority zone setting (Multi-Zone).

Recommended Single and Multi-Zone System Maintenance Performed by an HVAC Technician

» Check and clean air filters
» Wash outdoor coil on a regular bi-annual (twice a year) schedule
» Wash out float reservoir for condensate pumps (spring or fall)
» Check and replace hand-held Remote Controller batteries annually
» Check all electrical connections
» Check flare connections for oil (presence of oil can indicate a refrigerant leak)
» Clean debris (leaves – grass – dirt) from base pan of outdoor unit to ensure condensate drainage in heating season

NEW! Daikin *Tech Hub* App



Streamlined Product and Technical Guidance - enhance the way you do business with the new Daikin *Tech Hub* app.

Why wait for service support? With the new Daikin *Tech Hub* app, you no longer have to. Daikin *Tech Hub* is developed to assist in your daily work by providing Daikin product technical and service information through an easy to use mobile app platform.

- Hub of Daikin technical information available at your fingertips
- Swiftly access the correct service details
- Reduce downtime and delays in servicing equipment
- Improve productivity
- Available on iOS and *Android* devices

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To learn more, scan or visit www.daikinac.com/content/resources/software-tools

Resources

The Daikin website offers instant access to brochures, manuals and other commonly used resources.

Installation Manuals

Service Manuals

For more information:

Sales and Technical Support:
1-855-DAIKIN1 (1-855-324-5461)

www.daikinac.com

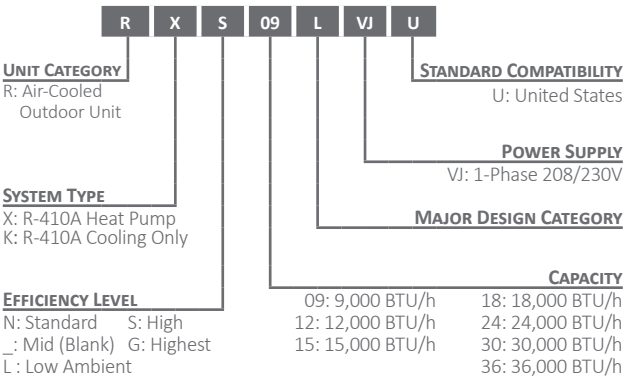
Scan to visit www.daikinac.com

SPECIFICATIONS & ACCESSORIES

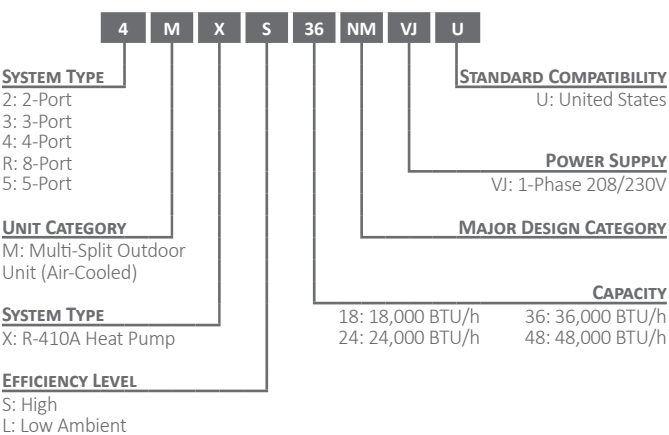
Nomenclature

How to Read Model Numbers – Outdoor Units

Single Zone

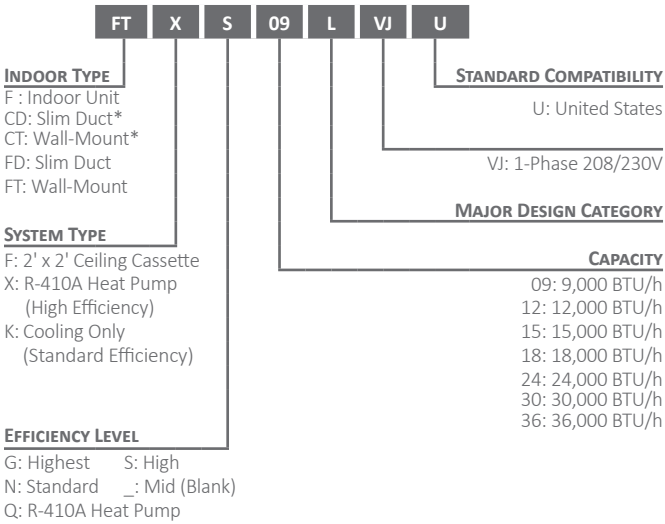


Multi-Zone



Nomenclature

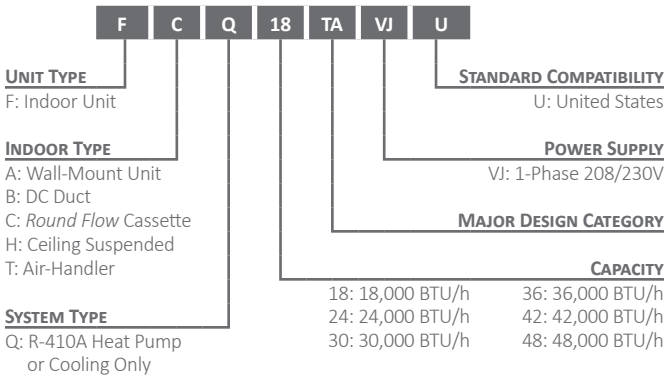
How to Read Model Numbers – Indoor Units

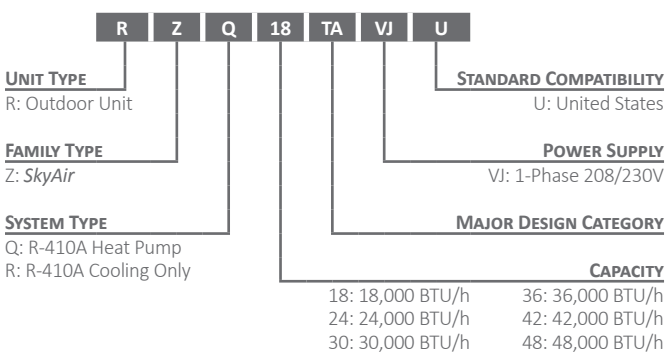


*Compatible with multi-split MXS outdoor units only

Nomenclature

How to Read Model Numbers





17 series Wall-Mounted Specs

Single Zone Heat Pump or Cooling Only

Nominal Tons			**.75 Ton**
Indoor Models	Heat Pump		**FTXB09AXVJU**
Outdoor Models	Heat Pump		**RXB09AXVJU**
Indoor Models	Cooling Only		**FTKB09AXVJU**
Outdoor Models	Cooling Only		**RKB09AXVJU**
Cooling Capacity (Rated)		BTU/h	8,800
Cooling Capacity (Min – Max)		BTU/h	4,400 - 10,200
Heating Capacity (Rated)*		BTU/h	9,400
Heating Capacity (Min – Max)*		BTU/h	4,400 - 13,600
SEER / HSPF			17 / 9
COP* / EER			3.6 / 11
Power Supply			208-230V / 1 Ph
Minimum Circuit Amps Heat Pump		A	6.95
Minimum Circuit Amps Cooling Only		A	6.95
Maximum Overcurrent Protection		A	15
Liquid Piping Connections (O.D.)		in.	¼
Gas Piping Connections (O.D.)		in.	⅜
Condensate Drain		in.	¾
Max. Piping Length		ft.	65.6
Max. Piping Height		ft.	32.8
Indoor Dimensions (H x W x D)		in.	$11^{11}/_{16}$ x $35^{1}/_{16}$ x 8¼
Outdoor Dimensions (H x W x D)		in.	21⅝ x $25^{15}/_{16}$ x 10¾
Operating Range - Cooling		°F DB	50 - 115
Operating Range - Heating*		°F WB	5 - 65

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

1.0 Ton	1.5 Ton	2.0 Ton
FTXB12AXVJU	FTXB18AXVJU	FTXB24AXVJU
RXB12AXVJU	RXB18AXVJU	RXB24AXVJU
FTKB12AXVJU	FTKB18AXVJU	FTKB24AXVJU
RKB12AXVJU	RKB18AXVJU	RKB24AXVJU
11,000	18,000	21,200
4,400 - 13,000	4,300 - 21,200	6,000 - 22,200
11,300	17,900	21,200
4,400 - 16,200	4,000 - 22,500	4,100 - 27,300
17 / 9	17 / 9	17 / 9
3.3 / 8.5	3.3 / 10.5	3.7 / 11
208-230V / 1 Ph	208-230V / 1 Ph	208-230V / 1 Ph
7.95	16.2	16.2
7.7	13.2	13.2
15	20	20
¼	¼	¼
⅜	½	⅝
¾	¾	¾
65.6	98.4	98.4
32.8	32.8	32.8
11 11/16 x 35 1/16 x 8¼	12⅝ x 46⅛ x 9½	12⅝ x 46⅛ x 9½
21⅝ x 25 15/16 x 10¾	25 11/16 x 33 11/16 x 12 15/16	25 11/16 x 33 11/16 x 12 15/16
50 - 115	50 - 115	50 - 115
5 - 65	5 - 65	5 - 65

19 series Wall-Mounted Specs

Single Zone Heat Pump or Cooling Only

ENERGY STAR® CERTIFIED			**YES**
NOMINAL TONS			**0.75 TON**
INDOOR MODELS	Heat Pump		**FTX09AXVJU**
OUTDOOR MODELS	Heat Pump		**RX09AXVJU**
INDOOR MODELS	Cooling Only		**FTK09AXVJU**
OUTDOOR MODELS	Cooling Only		**RK09AXVJU**
Cooling Capacity (Rated)		BTU/h	8,900
Cooling Capacity (Min – Max)		BTU/h	4,400-10,200
Heating Capacity (Rated)*		BTU/h	10,000
Heating Capacity (Min – Max)*		BTU/h	4,400-13,000
SEER / HSPF*			19 / 10.0
COP* / EER			4.06 / 12.5
Power Supply			208-230V / 1 Ph
Minimum Circuit Amps Heat Pump		A	8.7
Minimum Circuit Amps Cooling Only			7
Maximum Overcurrent Protection		A	15
Liquid Piping Connections (O.D.)		in.	¼
Gas Piping Connections (O.D.)		in.	⅜
Condensate Drain		in.	⅝
Max. Piping Length		ft.	65.6
Max. Piping Height		ft.	49.2
Indoor Dimensions (H x W x D)		in.	$11^{1}/_{3} \times 30^{29}/_{32} \times 9^{27}/_{32}$
Outdoor Dimensions (H x W x D)		in.	$21^{11}/_{16}$ X 26½ X $11^{3}/_{16}$
Operating Range - Cooling		°F DB	50 - 115
Operating Range - Low-Ambient Cooling**		°F DB	5 - 115
Operating Range - Cooling w/ Optional Air Adjustment Grille**		°F DB	-4 - 115
Operating Range - Heating*		°F WB	5 - 65

* 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.

ENERGY STAR PARTNER

YES	YES	NO
1.0 TON	**1.5 TON**	**2.0 TON**
FTX12AXVJU	**FTX18AXVJU**	**FTX24AXVJU**
RX12AXVJU	**RX18AXVJU**	**RX24AXVJU**
FTK12AXVJU	**FTK18AXVJU**	**FTK24AXVJU**
RK12AXVJU	**RK18AXVJU**	**RK24AXVJU**
10,900	18,000	21,200
4,400-13,300	5,500-20,000	5,500 - 24,000
13,500	21,600	23,600
4,400-16,400	5,500-24,000	5,800-27,600
19 / 10.0	18.5 / 9.0	19 / 9.0
3.8 / 12.5	3.6 / 12.5	3.45 / 12.2
208-230V / 1 Ph	208-230V / 1 Ph	208-230V / 1 Ph
8.7	16.4	16.4
7.8	13.4	13.4
15	20	20
½	¼	¼
⅜	¼	⅝
⅝	⅝	⅝
65.6	98.4	98.4
49.2	65.6	65.6
11⅓ × 30$^{29}/_{32}$ × 9$^{27}/_{32}$	11$^{11}/_{16}$ X 39½ X 11⅛	11$^{11}/_{16}$ X 39½ X 11⅛
21$^{11}/_{16}$ X 26½ X 11$^{3}/_{16}$	27$^{13}/_{32}$ X 36⅝ X 13$^{13}/_{16}$	27$^{13}/_{32}$ X 36⅝ X 13$^{13}/_{16}$
50 - 115	50 - 115	50 - 115
5 - 115	5 - 115	5 - 115
-4 - 115	-4 - 115	-4 - 115
5 - 65	5 - 65	5 - 65

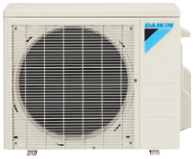
^Proper sizing and installation of equipment is critical to achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet **ENERGY STAR®** criteria. Ask your contractor for details or visit www.energystar.gov.

Daikin *EMURA* Wall-Mounted Specs

Single Zone Heat Pump

ENERGY STAR® CERTIFIED			**NO**
NOMINAL TONS			**0.75 TON**
INDOOR MODELS	Heat Pump		**FTXR09TVJUW/S**
OUTDOOR MODELS	Heat Pump		**RX09RMVJU9**
Cooling Capacity (Rated)		BTU/h	9,000
Cooling Capacity (Min – Max)		BTU/h	4,500 - 10,600
Heating Capacity (Rated)		BTU/h	10,000
Heating Capacity (Min – Max)		BTU/h	4,100 - 14,600
SEER / HSPF			18 / 9.3
COP / EER			4 / 11
Power Supply			208-230V / 1 Ph
Minimum Circuit Amps		A	9
Maximum Overcurrent Protection		A	15
Liquid Piping Connections (O.D.)		in.	¼
Gas Piping Connections (O.D.)		in.	⅜
Condensate Drain		in.	$^{11}/_{16}$
Max. Piping Length		ft.	65.6
Max. Piping Height		ft.	49.2
Indoor Dimensions (H x W x D)		in.	$11^{15}/_{16}$ x $39^{5}/_{16}$ x 8⅜
Outdoor Dimensions (H x W x D)		in.	$21^{5}/_{8}$ x $26^{9}/_{16}$ x $11^{3}/_{16}$
Operating Range - Cooling		°F DB	50 - 115
Operating Range - Low-Ambient Cooling*		°F DB	14 - 115
Operating Range - Cooling w/ Optional Air Adjustment Grille*		°F DB	-4 - 115
Operating Range - Heating †		°F WB	5 - 65

* Cutting a jumper or a dipswitch setting is required. Refer to installation manual.



No	No
1.0 Ton	**1.5 Ton**
FTXR12TVJUW/S	**FTXR18TVJUW/S**
RX12RMVJU9	**RX18RMVJU9(A)**
12,000	18,000
4,500-12,800	5,100-18,500
13,500	20,000
4,100 - 15,800	5,800 - 21,200
17 / 10	14.5 / 9.8
3.58 / 11	3.34 / 9.6
208-230V / 1 Ph	208-230V / 1 Ph
9.1	12.8
15	15
¼	¼
⅜	½
11/16	11/16
65.6	98.4
49.2	65.6
11 15/16 x 39 5/16 x 8⅜	11 15/16 x 39 5/16 x 8⅜
21⅜ x 26 9/16 x 11 3/16	28 15/16 x 34¼ x 12⅝
50 - 115	50 - 115
14 - 115	14 - 115
-4 - 115	-4 - 115
5 - 65	5 - 65

Daikin *AURORA* Wall-Mounted Specs

Enhanced-Capacity Single Zone Heat Pump

ENERGY STAR® CERTIFIED			**YES**
NOMINAL TONS			**0.75 TON**
INDOOR MODELS	Heat Pump		**FTX09NMVJU**
OUTDOOR MODELS	Heat Pump		**RXL09QMVJU**
Cooling Capacity (Rated)		BTU/h	9,000
Cooling Capacity (Min – Max)		BTU/h	4,400 - 10,900
Heating Capacity (Rated)		BTU/h	10,900
Heating Capacity (Min – Max)		BTU/h	4,400 - 16,000
SEER / HSPF			20 / 12.5
COP / EER			4.2 / 12.5
Power Supply			208-230V / 1 Ph
Minimum Circuit Amps		A	9.5
Maximum Overcurrent Protection		A	15
Liquid Piping Connections (O.D.)		in.	Ø ¼
Gas Piping Connections (O.D.)		in.	Ø ⅜
Condensate Drain		in.	Ø ⅝
Max. Piping Length		ft.	65.6
Max. Piping Height		ft.	49.2
Indoor Dimensions (H x W x D)		in.	11¼ x 30 5/16 x 8¾
Outdoor Dimensions (H x W x D)		in.	21⅝ x 26 9/16 x 11 3/16
Operating Range - Cooling		°F DB	50 - 115
Operating Range - Low-Ambient Cooling*		°F DB	5 - 115
Operating Range - Cooling w/ Optional Air Adjustment Grille*		°F DB	-4 - 115
Operating Range - Heating†		°F WB	-13 - 60

* 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 temperatures may fall below 5°F (-15 °C) or in areas of heavy snowfall or high levels of winter time humidity.

YES	YES	NO	NO
1.0 TON	**1.25 TON**	**1.5 TON**	**2.0 TON**
FTX12NMVJU	**FTX15NMVJU**	**FTX18UVJU**	**FTX24UVJU**
RXL12QMVJU9	**RXL15QMVJU(A)**	**RXL18UMVJU(A)**	**RXL24UMVJU(A)**
10,600	15,000	18,000	21,200
4,400-13,300	5,800-18,400	9,000-21,600	9,000-25,800
13,400	18,300	21,600	24,000
4,400 - 18,800	5,800 - 24,600	9,000-28,000	9,000-32,000
20 / 12	20 / 12.5	20.3 / 10.3	20 / 10.3
3.9/ 12.5	4.0/ 13.0	3.5 / 12.5	3.3 / 12.5
208-230V / 1 Ph	208-230V / 1 Ph	208-230V / 1 Ph	208-230V / 1 Ph
13.0	13.0	18.7	18.9
15	15	20	20
Ø ¼	Ø ¼	Ø ¼	Ø ¼
Ø ⅜	Ø ½	Ø ½	Ø ⅝
Ø ⅝	Ø ⅝	Ø ⅝	Ø ⅝
65.6	98.4	98.4	98.4
49.2	65.6	65.6	65.6
11¼ x 30 5/16 x 8¾	11⅜ x 39 x 10⅜	13⅜ × 41 5/16 × 10¼	13⅜ × 41 5/16 × 10¼
21⅝ x 26 9/16 x 11 3/16	28 15/16 x 34¼ x 12⅝	28 15/16 x 34¼ x 12⅝	28 15/16 x 34¼ x 12⅝
50 - 115	50 - 115	50 - 115	50 - 115
5 - 115	5 - 115	5 - 115	5 - 115
-4 - 115	-4 - 115	-4 - 115	-4 - 115
-13 - 65	-13 - 60	-13 - 65	-13 - 65

*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.

Daikin *AURORA* Floor-Standing Specs

Enhanced-Capacity Single Zone Heat Pumps

ENERGY STAR® CERTIFIED			**YES**
NOMINAL TONS			**0.75 TON**
INDOOR MODELS	Heat Pump		**FVXS09NVJU**
OUTDOOR MODELS	Heat Pump		**RXL09QMVJU**
Cooling Capacity (Rated)		BTU/h	9,000
Cooling Capacity (Min – Max)		BTU/h	4,400-10,200
Heating Capacity (Rated)		BTU/h	10,100
Heating Capacity (Min – Max)		BTU/h	4,400 - 14,300
SEER / HSPF			20 / 11.7
COP / EER			4.1/ 12.5
Power Supply			208-230V / 1 Ph
Minimum Circuit Amps		A	9.5
Maximum Overcurrent Protection		A	15
Liquid Piping Connections (O.D.)		in.	Ø ¼
Gas Piping Connections (O.D.)		in.	Ø ⅜
Condensate Drain		in.	Ø 13/16
Max. Piping Length		ft.	65.6
Max. Piping Height		ft.	49.2
Indoor Dimensions (H x W x D)		in.	23⅜ x 27 9/16 x 8¼
Outdoor Dimensions (H x W x D)		in.	21⅝ x 26 9/16 x 11 3/16
Operating Range - Cooling		°F DB	50 - 115
Operating Range - Low-Ambient Cooling*		°F DB	5 - 115
Operating Range - Cooling w/ Optional Air Adjustment Grille*		°F DB	-4 - 115
Operating Range - Heating†		°F WB	-13 - 60

* 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 temperatures may fall below 5°F (-15 °C) or in areas of heavy snowfall or high levels of winter time humidity.

NO	YES[1]
1.0 TON	**1.25 TON**
FVXS12NVJU	**FVXS15NVJU**
RXL12QMVJU9	**RXL15QMVJU** **RXL15QMVJUA[1]**
10,200	15,000
4,400 - 12,300	5,800 - 17,100
13,000	18,000
4,400 - 17,100	5,800 - 24,000
20 / 11.4	20 / 11.3
4.0 / 12.0	3.76 / 12.5
208-230V / 1 Ph	208-230V / 1 Ph
13.0	13.0
15	15
Ø ¼	Ø ¼
Ø ⅜	Ø ½
Ø 13/16	Ø 13/16
65.6	98.4
49.2	65.6
23⅜ x 27 9/16 x 8¼	23⅜ x 27 9/16 x 8¼
21⅝ x 26 9/16 x 11 3/16	28 15/16 x 34¼ x 12⅝
50 - 115	50 - 115
5 - 115	5 - 115
-4 - 115	-4 - 115
-13 - 65	-13 - 60

[1]FVXS15NVJURXL15QMVJUA is not ENERGY STAR® Certified.

^ 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.

Daikin *AURORA* FDMQ Specs

Enhanced-Capacity Single Zone Heat Pump

ENERGY STAR® CERTIFIED		**NO**
NOMINAL TONS		**1.0 TON**
INDOOR MODELS		**FDMQ12RVJU**
OUTDOOR MODELS		**RXL12QMVJU9**
Cooling Capacity (Rated)	BTU/h	10,800
Cooling Capacity (Min – Max)	BTU/h	6,500 - 13,200
Heating Capacity (Rated)	BTU/h	13,600
Heating Capacity (Min – Max)	BTU/h	6,300 - 17,000
SEER / HSPF		18 / 10.8
COP / EER		3.7 / 11.7
External Static Pressure	in. Wg (Pa)	0.6 (150)
Power Supply	V/PH	208/230V/1 Ph
Minimum Circuit Amps	A	13
Maximum Overcurrent Protection	A	15
Liquid Piping Connections (O.D.)	in.	Ø 1/4
Gas Piping Connections (O.D.)	in.	Ø 3/8
Condensate Drain	in.	Ø 1
Max. Piping Length	ft.	65.6
Max. Piping Height	ft.	49.2
Indoor Dimensions (H x W x D)	in.	9⅝ x 27 9/16 x 31½
Outdoor Dimensions (H x W x D)	in.	21⅝ x 26 9/16 x 11 3/16
Operating Range - Cooling	°F DB	50 - 115
Operating Range - Low-Ambient Cooling*	°F DB	5 - 115
Operating Range - Cooling w/ Optional Air Adjustment Grille*	°F DB	-4 - 115
Operating Range - Heating†	°F WB	-13 - 65

* 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 temperatures may fall below 5°F (-15 °C) or in areas of heavy snowfall or high levels of winter time humidity.

No	No
1.5 Ton	**2.0 Ton**
FDMQ18RVJU	**FDMQ24RVJU**
RXL18UMVJU(A)	**RXL24UMVJU(A)**
17,600	21,200
9,000 - 20,200	9,000 - 24,000
21,600	24,000
9,000 - 25,000	9,000 - 27,600
19.4 / 10.3	18.6 / 10
3.8 / 12.7	3.8 / 12.5
0.6 (150)	0.6 (150)
208/230V/1 Ph	208/230V/1 Ph
19.5	19.8
20	20
Ø 1/4	Ø 1/4
Ø 1/2	Ø 5/8
Ø 1	Ø 1
98.4	98.4
65.6	65.6
9⅝ x 39⅜ x 31½	9⅝ x 39⅜ x 31½
$28^{5}/_{16}$ x 34¼ x 12⅝	$28^{5}/_{16}$ x 34¼ x 12⅝
50 - 115	50 - 115
5 - 115	5 - 115
-4 - 115	-4 - 115
-13 - 65	-13 - 65

LV series Wall-Mount Specs

Single Zone Heat Pump

ENERGY STAR® CERTIFIED		**YES**
NOMINAL TONS		**0.75 TON**
INDOOR MODELS		**FTXS09LVJU**
OUTDOOR MODELS		**RXS09LVJU**
Cooling Capacity (Rated)	BTU/h	9,000
Cooling Capacity (Min – Max)	BTU/h	4,400 – 9,000
Heating Capacity (Rated)	BTU/h	12,000
Heating Capacity (Min – Max)	BTU/h	4,400 – 12,000
SEER / HSPF		24.5 / 12.5
COP / EER		4.46 / 15.3
Power Supply		208/230V/1 Ph
Minimum Circuit Amps	A	8.00
Maximum Overcurrent Protection	A	15
Liquid Piping Connections (O.D.)	in.	Ø ¼
Gas Piping Connections (O.D.)	in.	Ø ⅜
Condensate Drain	in.	Ø ⅝
Max. Piping Length	ft.	65.6
Max. Piping Height	ft.	49.2
Indoor Dimensions (H x W x D)	in.	11⅝ x 31½ x 8$^{7}/_{16}$
Outdoor Dimensions (H x W x D)	in.	21⅝ x 30⅛ x 11¼
Operating Range - Cooling	°F DB	50 - 115
Operating Range - Low-Ambient Cooling*	°F DB	14 - 115
Operating Range - Cooling w/ Optional Air Adjustment Grille*	°F DB	0 - 115
Operating Range - Heating	°F WB	5 - 65

* Cutting a jumper or a dipswitch setting is required. Refer to installation manual.

ENERGY STAR PARTNER ^

YES	YES	YES	YES
1.0 TON	**1.25 TON**	**1.5 TON**	**2.0 TON**
FTXS12LVJU	**FTXS15LVJU**	**FTXS18LVJU**	**FTXS24LVJU**
RXS12LVJU	**RXS15LVJU**	**RXS18LVJU**	**RXS24LVJU**
12,000	15,000	18,000	21,500
4,800 – 12,000	5,800 – 15,000	5,800 – 18,000	7,800 – 21,500
14,400	18,000	21,600	25,400
4,800 – 14,400	5,800 – 18,000	5,800 – 21,600	7,800 – 25,400
23 / 12.5	20.6 / 11.6	20.3 / 11	20.0 / 10.6
4.35 / 12.8	4.00 / 14.4	3.70 / 12.7	3.37 / 12.5
208/230V/1 Ph	208/230V/1 Ph	208/230V/1 Ph	208/230V/1 Ph
8.75	13.75	13.75	17.50
15	20	20	20
Ø ¼	Ø ¼	Ø ¼	Ø ¼
Ø ⅜	Ø ½	Ø ½	Ø ⅝
Ø ⅝	Ø ⅝	Ø ⅝	Ø ⅝
65.6	98.4	98.4	98.4
49.2	65.6	65.6	65.6
11⅜ x 31½ x 8 7/16	13⅜ x 41 5/16 x 9¾	13⅜ x 41 5/16 x 9¾	13⅜ x 41 5/16 x 9¾
21⅜ x 30⅛ x 11¼	28 15/16 x 32½ x 11 13/16	28 15/16 x 32½ x 11 13/16	30 5/16 x 35 7/16 x 12⅝
50 - 115	50 - 115	50 - 115	50 - 115
14 - 115	14 - 115	14 - 115	14 - 115
0 - 115	0 - 115	0 - 115	0 - 115
5 - 65	5 - 65	5 - 65	5 - 65

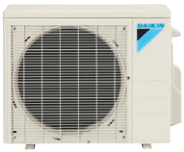
^Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet **ENERGY STAR®** criteria. Ask your contractor for details or visit www.energystar.gov.

FDMQ Specs

Ducted Concealed Heat Pump

ENERGY STAR® Certified		No	No
Nominal Tons		0.75 Ton	1.0 Ton
Indoor Models		FDMQ09RVJU	FDMQ12RVJU
Outdoor Models		RX09RMVJU9	RX12RMVJU9
Cooling Capacity (Rated)	BTU/h	9,000	10,800
Cooling Capacity (Min – Max)	BTU/h	3,900 - 10,700	4,000 - 12,800
Heating Capacity (Rated)	BTU/h	10,900	13,600
Heating Capacity (Min – Max)	BTU/h	3,900 - 14,000	3,900 - 16,100
SEER / HSPF		17.8 / 10.3	19.4 / 10.6
COP / EER		4.1 / 11.1	3.7 / 11.6
External Static Pressure	in. Wg (Pa)	0.6 (150)	0.6 (150)
Power Supply	V/PH	208/230V/1 Ph	208/230V/1 Ph
Minimum Circuit Amps	A	9	9.1
Maximum Overcurrent Protection	A	15	15
Liquid Piping Connections (O.D.)	in.	Ø ¼	Ø ¼
Gas Piping Connections (O.D.)	in.	Ø ⅜	Ø ⅜
Condensate Drain	in.	Ø 1	Ø 1
Max. Piping Length	ft.	65.6	65.6
Max. Piping Height	ft.	49.2	49.2
Indoor Dimensions (H x W x D)	in.	9⅝ x 27 9/16 x 31½	9⅝ x 27 9/16 x 31½
Outdoor Dimensions (H x W x D)	in.	21⅝ x 26 9/16 x 11 3/16	21⅝ x 26 9/16 x 11 3/16
Operating Range - Cooling	°F DB	50 - 115	50 - 115
Operating Range - Low-Ambient Cooling*	°F DB	14 - 115	14 - 115
Operating Range - Cooling w/ Optional Air Adjustment Grille*	°F DB	-4 - 115	-4 - 115
Operating Range - Heating	°F WB	5 - 65	5 - 65

* Cutting a jumper or a dipswitch setting is required. Refer to installation manual.



ENERGY STAR PARTNER^

DKN

YES	YES	YES
1.25 TON	**1.5 TON**	**2.0 TON**
FDMQ15RVJU	**FDMQ18RVJU**	**FDMQ24RVJU**
RX15RMVJU(A)	**RX18RMVJU9(A)**	**RX24RMVJU(A)**
14,400	17,600	21,800
5,100 - 17,400	5,100 - 19,600	5,500 - 24,000
18,000	21,600	24,000
5,600 - 18,500	5,700 - 23,000	6,400 - 27,600
20.2 / 10.3	18.5 / 10.3	18.6 / 10
3.8 / 12.7	3.8 / 12.5	3.8 / 12.5
0.6 (150)	0.6 (150)	0.6 (150)
208/230V/1 Ph	208/230V/1 Ph	208/230V/1 Ph
9.7	12.8	16.9
15	15	20
Ø ¼	Ø ¼	Ø ¼
Ø ½	Ø ½	Ø ⅝
Ø 1	Ø 1	Ø 1
98.4	98.4	98.4
65.6	65.6	65.6
9⅝ x 39⅜ x 31½	9⅝ x 39⅜ x 31½	9⅝ x 39⅜ x 31½
28 5/16 x 34¼ x 12⅝	28 5/16 x 34¼ x 12⅝	28 5/16 x 34¼ x 12⅝
50 - 115	50 - 115	50 - 115
14 - 115	14 - 115	14 - 115
-4 - 115	-4 - 115	-4 - 115
5 - 65	5 - 65	5 - 65

* Cutting a jumper or a dipswitch setting is required. Refer to installation manual.

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LV series specs

Slim-Duct Heat Pump

ENERGY STAR® CERTIFIED		NO	NO
NOMINAL TONS		0.75 TON	1.0 TON
INDOOR MODELS		FDXS09LVJU	FDXS12LVJU
OUTDOOR MODELS		RXS09LVJU	RXS12LVJU
Cooling Capacity (Rated)	BTU/h	8,500	11,500
Cooling Capacity (Min – Max)	BTU/h	4,400 – 8,500	4,800 – 11,500
Heating Capacity (Rated)	BTU/h	10,000	11,500
Heating Capacity (Min – Max)	BTU/h	4,400 – 10,000	4,800 – 11,500
SEER / HSPF		15.1 / 10.3	15.5 / 10.4
COP / EER		3.45 / 11.2	3.51 / 9.1
External Static Pressure	in. Wg (Pa)	0.12 (30)	0.12 (30)
Power Supply	V/PH	208/230V/1 Ph	208/230V/1 Ph
Minimum Circuit Amps	A	8.00	8.75
Maximum Overcurrent Protection	A	15	15
Liquid Piping Connections (O.D.)	in.	Ø 1/4	Ø 1/4
Gas Piping Connections (O.D.)	in.	Ø 3/8	Ø 3/8
Condensate Drain	in.	Ø 25/32	Ø 25/32
Max. Piping Length	ft.	65.6	65.6
Max. Piping Height	ft.	49.2	49.2
Indoor Dimensions (H x W x D)	in.	7⅞ x 27 9/16 x 24 7/16	7⅞ x 27 9/16 x 24 7/16
Outdoor Dimensions (H x W x D)	in.	21⅝ x 30⅛ x 11¼	21⅝ x 30⅛ x 11¼
Operating Range - Cooling	°F DB	50 - 115	50 - 115
Operating Range - Low-Ambient Cooling*	°F DB	14 - 115	14 - 115
Operating Range - Cooling w/ Optional Air Adjustment Grille*	°F DB	0 - 115	0 - 115
Operating Range - Heating	°F WB	5 - 65	5 - 65

* Cutting a jumper or a dipswitch setting is required. Refer to installation manual.

QUATERNITY Specs

Wall-Mounted Single Zone Heat Pump

ENERGY STAR PARTNER

ENERGY STAR® CERTIFIED		YES	YES	YES
NOMINAL TONS		0.75 TON	1.0 TON	1.25 TONS
INDOOR MODELS		FTXG09HVJU	FTXG12HVJU	FTXG15HVJU
OUTDOOR MODELS		RXG09HVJU	RXG12HVJU	RXG15HVJU
Cooling Capacity (Rated)	BTU/h	9,000	12,000	15,000
Cooling Capacity (Min – Max)	BTU/h	5,300 – 12,300	5,300 – 15,700	5,300 – 18,000
Heating Capacity (Rated)	BTU/h	12,000	16,000	18,000
Heating Capacity (Min – Max)	BTU/h	4,400 – 18,000	4,400 – 19,100	4,400 – 21,200
SEER / HSPF		26.1 / 11.0	24.2 / 10.6	21.0 / 10.0
COP / EER		4.51 / 15.8	4.04 / 14.0	3.99 / 12.9
Power Supply (1 Ph)		208/230V	208/230V	208/230V
Minimum Circuit Amps	A	14.5	14.5	14.5
MOP	A	15	15	15
Liquid Piping Connections (O.D.)	in.	Ø 1/4	Ø 1/4	Ø 1/4
Gas Piping Connections (O.D.)	in.	Ø 3/8	Ø3/8	Ø 3/8
Condensate Drain	in.	Ø 11/16	Ø 11/16	Ø 11/16
Max. Piping Length	ft.	32.8	32.8	32.8
Max. Piping Height	ft.	26.2	26.2	26.2
Indoor Dimensions (H x W x D)	in.	12 x 35 1/16 x 8 1/4	12 x 35 1/16 x 8 1/4	12 x 35 1/16 x 8 1/4
Outdoor Dimensions (H x W x D)	in.	22 3/8 x 31 5/16 x 11 1/4	22 3/8 x 31 5/16 x 11 1/4	22 3/8 x 31 5/16 x 11 1/4
Operating Range - Cooling	°F DB	14 - 109	14 - 109	14 - 109
Operating Range - Heating	°F WB	-4 - 75	-4 - 75	-4 - 75

^ 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.

Daikin *VISTA* Specs

Ceiling Cassette Heat Pump
Up to 20.9 SEER | 11.7 HSPF

ENERGY STAR® CERTIFIED		**YES**
NOMINAL TONS		**0.75 TON**
INDOOR MODELS		**FFQ09Q2VJU**
OUTDOOR MODELS		**RX09RMVJU9**
Cooling Capacity (Rated)	BTU/h	9,100
Cooling Capacity (Min – Max)	BTU/h	4,600 – 11,000
Heating Capacity (Rated)	BTU/h	10,000
Heating Capacity (Min – Max)	BTU/h	4,600 – 14,000
SEER / HSPF		20.9 / 11.7
COP / EER		4.58 / 13
Power Supply		208/230V/1/60
Minimum Circuit Amps	A	9.0
Maximum Overcurrent Protection	A	15
Liquid Piping Connections (O.D.)	in.	Ø 1/4
Gas Piping Connections (O.D.)	in.	Ø 3/8
Condensate Drain	in.	Ø 1 1/32
Max. Piping Length	ft.	65.6
Max. Piping Height	ft.	49.2
Indoor Dimensions (H x W x D)	in.	10¼ x 22⅝ x 22⅝
Outdoor Dimensions (H x W x D)	in.	21⅝ x 26 9/16 x 11 3/16
Operating Range - Cooling	°F DB	50 - 115
Operating Range -Low-Ambient Cooling*	°F DB	14 - 115
Operating Range - Cooling w/ Optional Air Adjustment Grille*	°F DB	-4 - 115
Operating Range - Heating	°F WB	5 - 65

* Cutting a jumper or a dipswitch setting is required. Refer to installation manual.

Shown with decoration panel BYFQ60C2W1S

Shown with decoration panel BYFQ60C2W1W

ENERGY STAR PARTNER

DKN

YES	YES[1]	YES[2]
1.0 TON	**1.25 TONS**	**1.5 TONS**
FFQ12Q2VJU	**FFQ15Q2VJU**	**FFQ18Q2VJU**
RX12RMVJU9	**RX15RMVJU** **RX15RMVJUA[1]**	**RX18RMVJU9** **RX18RMVJU9A[2]**
10,800	14,400	17,400
4,600 – 13,300	5,100 – 16,200	5,100 – 18,800
13,500	16,200	21,600
4,600 – 16,800	5,200 – 16,300	5,400 – 21,800
20.2 / 11.2	20.7 / 11.0	19.3 / 10.1
4.02 / 12.5	3.86 / 12.5	3.36 / 12.5
208-230/1/60	208-230/1/60	208-230/1/60
9.1	9.7	12.8
15	15	15
Ø ¼	Ø ¼	Ø ¼
Ø ⅜	Ø ½	Ø ½
Ø $1^{1}/_{32}$	Ø $1^{1}/_{32}$	Ø $1^{1}/_{32}$
65.6	98.4	98.4
49.2	65.6	65.6
10¼ x 22⅝ x 22⅝	10¼ x 22⅝ x 22⅝	10¼ x 22⅝ x 22⅝
21⅝ x $26^{9}/_{16}$ x $11^{3}/_{16}$	$28^{15}/_{16}$ x 34¼ x 12⅝	$28^{15}/_{16}$ x 34¼ x 12⅝
50 - 115	50 - 115	50 - 115
14 - 115	14 - 115	14 - 115
-4 - 115	-4 - 115	-4 - 115
5 - 65	5 - 65	5 - 65

Optional occupancy sensor kits are available: White BRYQ60A2W Silver BRYQ60A2S

[1] FFQ15Q2VJURX15RMVJUA is not ENERGY STAR® Certified.

[2] FFQ18Q2VJURX18RMVJU9A is not ENERGY STAR® Certified.

^ 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.

NV series Specs

Wall-Mounted Single Zone
Heat Pump or Cooling Only Units

ENERGY STAR® CERTIFIED			NO	NO
NOMINAL TONS			2.5 TON	3 TON
INDOOR MODELS	COOLING ONLY AND HEAT PUMP		FTX30NVJU	FTX36NVJU
OUTDOOR MODELS	HEAT PUMP		RX30NMVJU(A)	RX36NMVJU(A)
OUTDOOR MODELS	COOLING ONLY		RK30NMVJU(A)	RK36NMVJU(A)
Cooling Capacity (Rated)	BTU/h	208V	31,400	33,200
		230V	31,400	34,400
Cooling Capacity (Min – Max)	BTU/h	208V	10,200 - 31,400	10,200 - 33,200
		230V	10,200 - 31,400	10,200 - 34,400
Heating Capacity (Rated)+	BTU/h	208V	34,800	35,200
		230V	34,800	36,000
Heating Capacity (Min – Max)+	BTU/h	208V	10,200 - 34,800	10,200 - 35,200
		230V	10,200 - 34,800	10,200 - 36,000
SEER / HSPF			17.5 / 9.3	15.9 / 9.2
COP+ / EER		208V	2.92 / 9.85	2.80 / 9.6
		230V	2.92 / 9.85	2.78 / 9.1
Power Supply			208-230V / 1 Ph	208-230V / 1 Ph
Minimum Circuit Amps (RK)	A		17	17
Minimum Circuit Amps (RX)	A		19.8	19.8
Maximum Overcurrent Protection	A		20	20
Liquid Piping Connections (O.D.)	in.		Ø ¼	Ø ¼
Gas Piping Connections (O.D.)	in.		Ø ⅝	Ø ⅝
Condensate Drain	in.		Ø ⅝	Ø ⅝
Max. Piping Length	ft.		98.4	98.4
Max. Piping Height	ft.		65.625	65.625
Indoor Dimensions (H x W x D)	in.		13⅜ x 47¼x $10^{3}/_{16}$	13⅜ x 47¼x $10^{3}/_{16}$
Outdoor Dimensions (H x W x D)	in.		$28^{15}/_{16}$ x 34¼ x 12⅝	$28^{15}/_{16}$ x 34¼ x 12⅝
Operating Range - Cooling - RX/RK	°F DB		50 - 115	50 - 115
Operating Range - Enhanced Cooling - RX/RK*	°F DB		14 - 115	14 - 115
Operating Range - Low Ambient Cooling - RX/RK**	°F DB		-4 - 115	-4 - 115
Operating Range - Ultra Low Ambient Cooling - RK Only***	°F DB		-22 - 115	-22 - 115
Operating Range - Heating+	°F WB		5 - 65	5 - 65

* Activated with a dipswitch setting. Refer to installation manual for more details
** Activated with a dipswitch setting and use of air direction adjustment grille
Refer to installation manual for more details.
*** Activated with additional dipswitch setting and notes per **. Refer to installation manual for more details.
+ Applicable to heat pump models only.

LV 30/36 Wall-Mounted series Specs

Single Zone Cooling Only Units

ENERGY STAR® CERTIFIED		NO	NO
NOMINAL TONS		2.5 TONS	3.0 TONS
INDOOR MODELS		FTXS30LVJU	FTXS36LVJU
OUTDOOR MODELS COOLING ONLY		RKS30LVJU	RKS36LVJU
Cooling Capacity (Rated)	BTU/h	30,000	36,000
Cooling Capacity (Min – Max)	BTU/h	10,200 – 30,000	10,200 – 36,000
SEER		19.3	17.9
EER		10.71	8.37
Power Supply		208/230V/1 PH	208/230V/1 PH
Minimum Circuit Amps	A	19.5	19.5
Maximum Overcurrent Protection	A	20.0	20.0
Liquid Piping Connections O.D.)	in.	Ø ⅜	Ø ⅜
Gas Piping Connections (O.D.)	in.	Ø ⅝	Ø ⅝
Condensate Drain	in.	Ø ⅝	Ø ⅝
Max. Piping Length	ft.	98.4	98.4
Max. Piping Height	ft.	65.6	65.6
Indoor Dimensions (H x W x D)	in.	13⅜ x 47¼ x 9 7/16	13⅜ x 47¼ x 9 7/16
Outdoor Dimensions (H x W x D)	in.	38 15/16 x 37 x 12⅝	38 15/16 x 37 x 12⅝
Cooling Operation Range	°F DB	50 – 115	50 – 115
Cooling Range w/ Air Adjustment Grille*	°F DB	0 – 115	0 – 115
Operating Range - Cooling with Air Adjustment Grille and Low Ambient Kit	°F DB	-40 – 115	-40 – 115

* Cutting a jumper or a dipswitch setting is required. Refer to installation manual.

Daikin *AURORA* (MXL) Specs

High-Capacity, Low-Ambient
Multi-Zone Outdoor Unit

ENERGY STAR® CERTIFIED		YES	YES[1]	YES
NOMINAL TONS		1.5 TONS	2.0 TONS	3.0 TONS
OUTDOOR MODELS		2MXL18QMVJU(A)	3MXL24RMVJU 3MXL24RMVJUA[1]	4MXL36TVJU
Nominal Capacity	BTU/h	18,000	24,000	36,000
Cooling Capacity (Rated)	BTU/h	18,000	24,000	34,400
Cooling Capacity (Min-Max)	BTU/h	9,000 - 24,000	10,100 - 30,000	8,300 - 40,500
Cooling Capacity @ 115°F	BTU/h	19,500	23,100	36,350
Heating Capacity (Rated)	BTU/h	18,900	24,100	36,600
Heating Capacity (Min-Max)	BTU/h	7,700 - 36,000	7,900 - 41,000	6,600 - 54,500
Heating Capacity @ 5°F	BTU/h	18,900	21,600	36,600
SEER/ EER/ HSPF	Non-Ducted	17/12.7/10.3	18/12.7/12.5	21.7/12.5/11.2
	Mixed	15.5/11.4/9.25	16/11.3/10.35	19.3/11.75/10.15
	Ducted	14/10.1/8.2	14.0/9.9/8.2	16.9/11/9.1
Power Supply	V/ϕ/Hz	208-230V/1	208-230V/1	208-230V/1
Minimum Circuit Amps	A	17.1	22.6	32.5
Max Overcurrent Protection	A	20	25	35
Power Consumption - Cooling	kW	1.42	1.89	2.75
Power Consumption - Heating	kW	1.32	1.54	2.52
Sound Pressure Level - Cooling/Heating	dB(A)	50 /51	52 /54	53 / 55
Max Piping Length	ft.	164.0	230	230
Max Piping Height	ft.	49.2	49.2	49.2
Dimensions (HxWxD)	in.	28 15/16 x 34 1/4 x 12 5/8		34 1/4 x 43 5/16 x 18 1/8
Operating Range - Cooling	°F DB	14 - 115	14 - 115	14 - 115
Operating Range - Heating	°F WB	-13 - 60	-13 - 60	-13 - 60

[1]3MXL24RMVJUA multi-zone systems are not ENERGY STAR® Certified.

^ Proper sizing and installation of equipment is critical to achieving 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.

		2MXL18QMVJU(A)	3MXL24RMVJU(A)	4MXL36TVJU
Wall-Mounted	CTXS07LVJU	x	x	x
	FTXS12LVJU	x	x	x
	FTXS15LVJU	x	x	x
	FTXS18LVJU		x	x
	FTXS24LVJU			x
	FTXR09TVJU(W/S)	x	x	x
	CTXG09QVJU(W/S)	x	x	x
	FTXR12TVJU(W/S)	x	x	x
	CTXG12QVJU(W/S)	x	x	x
	FTXR18TVJU(W/S)		x	x
	CTXG18QVJU(W/S)		x	x
2x2 Cassette	FFQ09Q2VJU	x	x	x
	FFQ12Q2VJU	x	x	x
	FFQ15Q2VJU	x	x	x
	FFQ18Q2VJU		x	x
Floor-Standing	FVXS09NVJU	x	x	x
	FVXS12NVJU	x	x	x
	FVXS15NVJU	x	x	x
	FVXS18NVJU		x	x
Slim-Duct	FDXS09LVJU	x	x	x
	FDXS12LVJU	x	x	x
	CDXS15LVJU	x	x	x
	CDXS18LVJU		x	x
	CDXS24LVJU			x
FDMQ Ducted Concealed	FDMQ09RVJU	x	x	x
	FDMQ12RVJU	x	x	x
	FDMQ15RVJU	x	x	x
	FDMQ18RVJU		x	x
	FDMQ24RVJU			x

MXS Specs

Multi-Zone Outdoor Unit

ENERGY STAR® CERTIFIED		YES	YES[1]
NOMINAL TONS		1.5 TON	2.0 TONS
OUTDOOR MODELS		2MXS18NMVJU(A)	3MXS24RMVJUA[1] 3MXS24RMVJU
Nominal Capacity		18,000	24,000
Cooling Capacity (Rated)	BTU/h	18,000	24,000
Cooling Capacity (Min-Max)	BTU/h	4,900 - 21,000	10,000 - 30,000
Heating Capacity (Rated)	BTU/h	18,900	24,000
Heating Capacity (Min-Max)	BTU/h	4,900 - 25,000	8,500 - 36,000
SEER/ EER/ HSPF	Non-Ducted	18.9/12.5/10.7	18.0/12.7/12.5
	Mixed	16.5/11.0/9.5	16/11.2/10.35
	Ducted	14.0/9.5/8.2	14.0/9.7/8.2
Power Supply	V / Ø / Hz	208-230V / 1 Ph / 60	208-230V / 1 Ph / 60
Minimum Circuit Amps	A	15.8	18.7
Maximum Overcurrent Protection	A	20	25
Power Consumption - Cooling	kW	1.44	1.78
Power Consumption - Heating	kW	1.26	1.53
Sound Pressure Level - Cooling/Heating	dB(A)	50/51	52/54
Max Piping Length	ft.	164.0	229.6
Max Piping Height	ft.	49.2	49.2
Dimensions	HxWxD	28 15/16 x 34¼ x 12⅝	28 15/16 x 34¼ x 12⅝
Operating Range - Cooling	°F DB	14 - 115	14 - 115
Operating Range - Heating	°F WB	5 - 60	5 - 60

[1] 3MXS24RMVJUA multi-zone systems are not ENERGY STAR® Certified.

		2MXS18NMVJU(A)	3MXS24RMVJU(A)	4MXS36RMVJU(A)	5MXS48TVJU	RMXS48LVJU
WALL-MOUNTED	CTXS07LVJU	x	x	x	x	x
	FTXS09LVJU	x	x	x	x	x
	FTXS12LVJU	x	x	x	x	x
	FTXS15LVJU	x	x	x	x	x
	FTXS18LVJU		x	x	x	x
	FTXS24LVJU			x	x	x
	FTXR09TVJU(W/S)	x	x	x	x	x
	CTXG09QVJU(W/S)	x	x	x	x	x
	FTXR12TVJU(W/S)	x	x	x	x	x
	CTXG12QVJU(W/S)	x	x	x	x	x
	FTXR18TVJU(W/S)		x	x	x	x
	CTXG18QVJU(W/S)		x	x	x	x

^ 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.

No	No	No
3.0 Tons	4.0 Tons	4.0 Tons
4MXS36RMVJU(A)	5MXS48TVJU	RMXS48LVJU
36,000	48,000	48,000
36,000	47,000	48,000
10,100 - 38,000	8,300 - 48,200	17,000 - 52,600
36,000	48,500	54,000
9,100 - 43,000	6,700 - 58,000	16,500 - 56,000
17.7/9.2/12.2	20.2/10.5/11.1	18.8/10.3/11.3
15.85/8.5/10.2	17.75/9.55/9.85	NA
14.0/7.9/8.2	15.3/8.6/8.6	14.1/9.3/9.6
208-230V / 1 Ph	208-230V / 1 Ph	208-230V / 1 Ph
19.75	33.2	27.0
25	35	30
3.28	4.47	4.64
49.2	3.64	3.98
54/57	53/55	57/58
229.6	262	NA
49.2	49.2	NA
28 15/16 x 34 1/4 x 12 3/8	34 1/4 x 43 5/16 x 18 1/8	52 15/16 x 35 7/16 x 12 3/8
14 - 115	14 - 115	23 - 115
5 - 60	5 - 60	5 - 60

RMXS48LVJU requires at least one branch port unit. Two sizes are available: two-port and three-port. Refer to the installation manual for full refrigerant piping lengths and requirements.

		2MXS18NMVJU(A)	3MXS24RMVJU(A)	4MXS36RMVJU(A)	5MXS48TVJU	RMXS48LVJU
2x2 Cassette	FFQ09Q2VJU	x	x	x	x	x
	FFQ12Q2VJU	x	x	x	x	x
	FFQ15Q2VJU	x	x	x	x	x
	FFQ18Q2VJU		x	x	x	x
Floor-Standing	FVXS09NVJU	x	x	x	x	x
	FVXS12NVJU	x	x	x	x	x
	FVXS15NVJU	x	x	x	x	x
	FVXS18NVJU		x	x	x	x
Slim-Duct	CDXS07LVJU		x			
	FDXS09LVJU	x	x	x	x	x
	FDXS12LVJU	x	x	x	x	x
	CDXS15LVJU	x	x	x	x	x
	CDXS18LVJU		x	x	x	x
	CDXS24LVJU			x	x	x
FDMQ Ducted Concealed	FDMQ09RVJU	x	x	x	x	x
	FDMQ12RVJU	x	x	x	x	x
	FDMQ15RVJU	x	x	x	x	x
	FDMQ18RVJU		x	x	x	x
	FDMQ24RVJU			x	x	x

Daikin *AURORA* (MXL) Specs / MXS Specs

Indoor Units

Nominal Tons		.5 Ton	.75 Ton
Wall-Mounted Units			
Indoor Models			**FTXR09TVJU(W/S) CTXG09QVJU(W/S)**
Cooling Capacity (Nominal)	BTU/h		9,000
Liquid Piping Connection (O.D.)	in.		Ø ¼
Gas Piping Connection (O.D.)	in.		Ø ⅜
Condensate Drain	in.		Ø 11/16
Indoor Dimensions (H x W x D)	in.		11 15/16 x 39 5/16 x 8⅜

Indoor Models		CTXS07LVJU	FTXS09LVJU
Rated Capacity Class	BTU/h	7,000	9,000
Liquid Piping Connection (O.D.)	in.	Ø ¼	Ø ¼
Gas Piping Connection (O.D.)	in.	Ø ⅜	Ø ⅜
Condensate Drain	in.	Ø ⅝	Ø⅝
Indoor Dimensions (H x W x D)	in.	11⅝ x 31½ x 8 7/16	11⅝ x 31½ x 8 7/16

2' x 2' Ceiling Cassette Units			
Indoor Models			**FFQ09Q2VJU**
Rated Capacity Class	BTU/h		9,500
Liquid Piping Connection (O.D.)	in.		Ø ¼
Gas Piping Connection (O.D.)	in.		Ø ⅜
Condensate Drain	in.		Ø 1/32
Indoor Dimensions (H x W x D)	in.		11¼ x 22⅝ x 22⅝

CTXS/FTXS

FTXR / CTXG

FFQ
Shown with decoration panel BYFQ60C2W1W

1 Ton	1.25 Tons	1.5 Tons
FTXR12TVJU(W/S) CTXG12QVJU(W/S)		**FTXR18TVJU(W/S) CTXG18QVJU(W/S)**
12,000		18,000
Ø ¼		Ø ¼
Ø ⅜		Ø ½
Ø 11/16		Ø 11/16
11 15/16 x 39 5/16 x 8⅜		11 15/16 x 39 5/16 x 8⅜

FTXS12LVJU	FTXS15LVJU	FTXS18LVJU	FTXS24LVJU
12,000	15,000	18,000	24,000
Ø ¼	Ø ¼	Ø ¼	Ø ¼
Ø ⅜	Ø ½	Ø ½	Ø ⅝
Ø ⅝	Ø ⅝	Ø ⅝	Ø ⅝
11 7/16 x 31½ x 9¾	13⅜ x 41 5/16 x 9¾	13⅜ x 41 5/16 x 9¾	13⅜ x 41 5/16 x 9¾

FFQ12Q2VJU	**FFQ15Q2VJU**	**FFQ18Q2VJU**
12,000	15,000	18,000
Ø ¼	Ø ¼	Ø ¼
Ø ⅜	Ø ½	Ø ½
Ø 1 1/32	Ø 1 1/32	Ø 1 1/32
10¼ x 22⅝ x 22⅝	10¼ x 22⅝ x 22⅝	10¼ x 22⅝ x 22⅝

Daikin Multi-Zone System Specs

Indoor Units

Nominal Tons		.5 Ton	.75 Ton
Slim-Duct Units			
Indoor Models		**CDXS07LVJU**	**FDXS09LVJU**
Rated Capacity Class	BTU/h	7,000	9,000
External Static Pressure	in. Wg	0.12	0.12
Liquid Piping Connection (O.D.)	in.	Ø ¼	Ø ¼
Gas Piping Connection (O.D.)	in.	Ø ⅜	Ø ⅜
Condensate Drain	in.	Ø 25/32	Ø 25/32
Indoor Dimensions (H x W x D)	in.	7⅞ x 27 9/16 x 24 7/16	7⅞ x 27 9/16 x 24 7/16
FDMQ Ducted Concealed Units			
Indoor Models			**FDMQ09RVJU**
Rated Capacity Class	BTU/h		9,000
External Static Pressure	in. Wg		0.6 (150)
Liquid Piping Connection (O.D.)	in.		Ø ¼
Gas Piping Connection (O.D.)	in.		Ø ⅜
Condensate Drain	in.		Ø 1
Indoor Dimensions (H x W x D)	in.		9-5/8 x 27-9/16 x 31-1/2

Floor-Standing Units		
Indoor Models		**FVXS09LVJU**
Rated Capacity Class	BTU/h	9,000
Liquid Piping Connection (O.D.)	in.	Ø ¼
Gas Piping Connection (O.D.)	in.	Ø ⅜
Condensate Drain	in.	13/16
Indoor Dimensions (H x W x D)	in.	23⅝ x 27 9/16 x 8¼

FDMQ

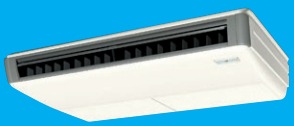
FDXS/CDXS

FVXS

1.0 Ton	1.25 Ton	1.5 Ton	2.0 Ton
FDXS12LVJU	**CDXS15LVJU**	**CDXS18LVJU**	**CDXS24LVJU**
12,000	15,000	18,000	24,000
0.12	0.16	0.16	0.16
Ø ¼	Ø ¼	Ø ¼	Ø ¼
Ø ⅜	Ø ½	Ø ½	Ø ⅝
Ø 25/32	Ø 25/32	Ø 25/32	Ø 25/32
7⅞ x 27 9/16 x 24 7/16	7⅞ x 35 7/16 x 24 7/16	7⅞ x 35 7/16 x 24 7/16	7⅞ x 43 5/16 x 24 7/16
FDMQ12RVJU	**FDMQ15RVJU**	**FDMQ18RVJU**	**FDMQ24RVJU**
12,000	15,000	18,000	24,000
0.6 (150)	0.6 (150)	0.6 (150)	0.6 (150)
Ø ¼	Ø ¼	Ø ¼	Ø ¼
Ø ⅜	Ø ½	Ø ½	Ø ⅝
Ø 1	Ø 1	Ø 1	Ø 1
9⅝ x 27 9/1 x 31½	9⅝ x 39⅜ x 31½	9⅝ x 39⅜ x 31½	9⅝ x 39⅜ x 31½

FVXS12NVJU	**FVXS15NVJU**	**FVXS18NVJU**
12,000	15,000	18,000
Ø ¼	Ø ¼	Ø ¼
Ø ⅜	Ø ½	Ø ½
Ø 13/16	Ø 13/16	Ø 13/16
23⅜ x 27 9/16 x 8¼	23⅜ x 27 9/16 x 8¼	23⅜ x 27 9/16 x 8¼

SkyAir
SYSTEMS



FAQ series Specs

Wall-Mounted Single Zone Heat Pump or Cooling Only Units

ENERGY STAR® CERTIFIED		NO	NO
NOMINAL TONS		1.5 TONS	2.0 TONS
INDOOR MODELS		FAQ18TAVJU	FAQ24TAVJU
OUTDOOR MODELS COOLING ONLY		RZR18TAVJU(A)	RZR24TAVJU(A)
OUTDOOR MODELS HEAT PUMP		RZQ18TAVJU(A)	RZQ24TAVJU(A)
Cooling Capacity (Rated)	BTU/h	18,000	24,000
Heating Capacity (Rated)*	BTU/h	20,000	27,000
SEER		17	17.6
EER		11.9	10.2
HSPF*		8.2	8.4
Power Supply		208/230V/1 Ph	208/230V/1 Ph
Liquid Piping Connections (O.D.	in.	Ø ⅜	Ø ⅜
Gas Piping Connections (O.D.)	in.	Ø ⅝	Ø ⅝
Condensate Drain	in.	Ø ½	Ø ½
Net Weight	lbs.	31	31
Max. Piping Length	ft.	164.0	164.0
Max. Piping Height	ft.	98.0	98.0
Indoor Dimensions (H x W x D)	in.	11⅜ x 41⅜ x 9¼	11⅜ x 41⅜ x 9¼
Outdoor Dimensions (H x W x D)	in.	39 x 37 x 12⅝	39 x 37 x 12⅝
Operating Range - Cooling	°F DB	23 - 122	23 - 122
Cooling Range w/ Air Adjustment Grille	°F DB	0 - 122	0 - 122
Operating Range - Heating*	°F DB	-4 - 60	-4 - 60

* Available on Heat Pump models only

FBQ series Specs

DC Duct Heat Pump or Cooling Only

ENERGY STAR PARTNER ^

ENERGY STAR® CERTIFIED		YES	NO	NO
NOMINAL TONS		1.5 TONS	2.0 TONS	2.5 TONS
INDOOR MODELS		FBQ18PVJU	FBQ24PVJU	FBQ30PVJU
OUTDOOR MODELS COOLING ONLY		RZR18TAVJU(A)	RZR24TAVJU(A)	RZR30TAVJU(A)
OUTDOOR MODELS HEAT PUMP		RZQ18TAVJU(A)	RZQ24TAVJU(A)	RZQ30TAVJU(A)
Cooling Capacity (Rated)	BTU/h	18,000	24,000	30,000
Heating Capacity (Rated)*	BTU/h	20,000	27,000	34,000
SEER		16.7	16.5	16.0
EER		13	12.0	10.5
HSPF*		9.5	9.7	9.2
Power Supply		208/230V/1 Ph	208/230V/1 Ph	208/230V/1 Ph
External Static Pressure	"W.G	Standard 0.40 (0.80 – 0.20)	Standard 0.40 (0.80 - 0.20)	Standard 0.40 (0.80 - 0.20)
Liquid Piping Connections (O.D.	in.	Ø ⅜	Ø ⅜	Ø ⅜
Gas Piping Connections (O.D.)	in.	Ø ⅝	Ø ⅝	Ø ⅝
Condensate Drain	in.	Ø 1	Ø 1	Ø 1
Max. Piping Length	ft.	164.0	164.0	229.6
Max. Piping Height	ft.	98.4	98.4	98.4
Indoor Dimensions (H x W x D)	in.	$11^{13}/_{16}$ x 39⅜ x $27^{9}/_{16}$	$11^{13}/_{16}$ x 39⅜ x $27^{9}/_{16}$	$11^{13}/_{16}$ x 39⅜ x $27^{9}/_{16}$
Outdoor Dimensions (H x W x D)	in.	39 x 37 x 12⅝	39 x 37 x 12⅝	$52^{15}/_{16}$ x $35^{7}/_{16}$ x 12⅝
Operating Range - Cooling	°F DB	23-122	23-122	23-122
Cooling Range w/ Air Adjustment Grille	°F DB	0 - 122	0 - 122	0 - 122
Operating Range - Heating*	°F DB	-4 - 60	-4 - 60	-4 - 60

* Available on Heat Pump models only

^ 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.

		No	No	No
Nominal Tons		**3.0 Tons**	**3.5 Tons**	**4.0 Tons**
Indoor Models		**FBQ36PVJU**	**FBQ42PVJU**	**FBQ48PVJU**
Outdoor Models Cooling Only		**RZR36TAVJU(A)**	**RZR42TAVJU(A)**	**RZR48TAVJU(A)**
Outdoor Models Heat Pump		**RZQ36TAVJU(A)**	**RZQ42TAVJU(A)**	**RZQ48TAVJU(A)**
Cooling Capacity (Rated)	BTU/h	36,000	40,500	48,000
Heating Capacity (Rated)*	BTU/h	40,000	47,000	54,000
SEER		17.5	16.0	14.0
EER		11.1	10.1	8.6
HSPF*		9.1	8.8	8.4
Power Supply		208/230V/1 Ph	208/230V/1 Ph	208/230V/1 Ph
External Static Pressure	"W.G	Standard 0.40 (0.80 - 0.20)	Standard 0.40 (0.80 - 0.20)	Standard 0.40 (0.80 - 0.20)
Liquid Piping Connections (O.D.	in.	Ø ⅜	Ø ⅜	Ø ⅜
Gas Piping Connections (O.D.)	in.	Ø ⅝	Ø ⅝	Ø ⅝
Condensate Drain	in.	Ø 1	Ø 1	Ø 1
Max. Piping Length	ft.	229.6	229.6	229.6
Max. Piping Height	ft.	98.4	98.4	98.4
Indoor Dimensions (H x W x D)	in.	$11^{13}/_{16}$ x 55⅛ x $27^{9}/_{16}$	$11^{13}/_{16}$ x 55⅛ x $27^{9}/_{16}$	$11^{13}/_{16}$ x 55⅛ x $27^{9}/_{16}$
Outdoor Dimensions (H x W x D)	in.	$52^{15}/_{16}$ x $35^{7}/_{16}$ x 12⅝	$52^{15}/_{16}$ x $35^{7}/_{16}$ x 12⅝	$52^{15}/_{16}$ x $35^{7}/_{16}$ x 12⅝
Operating Range - Cooling	°F DB	23-122	23-122	23-122
Cooling Range w/ Air Adjustment Grille	°F DB	0 - 122	0 - 122	0 - 122
Operating Range - Heating*	°F DB	-4 - 60	-4 - 60	-4 - 60

* Available on Heat Pump models only

FCQ series Specs

Round Flow **Sensing Ceiling Cassette Heat Pump or Cooling Only**

ENERGY STAR® Certified		No	No
Nominal Tons		1.5 Tons	2.0 Tons
Indoor Models		FCQ18TAVJU	FCQ24TAVJU
Outdoor Models Cooling Only		RZR18TAVJU(A)	RZR24TAVJU(A)
Outdoor Models Heat Pump		RZQ18TAVJU(A)	RZQ24TAVJU(A)
Cooling Capacity (Rated)	BTU/h	18,000	24,000
Heating Capacity (Rated)*	BTU/h	20,000	27,000
SEER		18.6	18.5
EER		13.0	12.0
HSPF*		10.1	10.2
Power Supply		208/230V/1 Ph	208/230V/1 Ph
Liquid Piping Connections (O.D.)	in.	Ø ⅜	Ø ⅜
Gas Piping Connections (O.D.)	in.	Ø ⅝	Ø ⅝
Condensate Drain	in.	Ø 1	Ø 1
Max. Piping Length	ft.	164.0	164.0
Max. Piping Height	ft.	98.4	98.4
Indoor Dimensions (H x W x D)	in.	10 1/16 x 33 1/16 x 33 1/16	10 1/16 x 33 1/16 x 33 1/16
Outdoor Dimensions (H x W x D)	in.	39 x 37 x 12⅝	39 x 37 x 12⅝
Operating Range - Cooling	°F DB	23 - 122	23 - 122
Cooling Range w/ Air Adjustment Grille	°F DB	0 - 122	0 - 122
Operating Range - Heating*	°F DB	-4 - 60	-4 - 60

* Available on Heat Pump models only

Shown with decoration panel BYCQ125B-W1

No	No	No	No
2.5 Tons	3.0 Tons	3.5 Tons	4.0 Tons
FCQ30TAVJU	FCQ36TAVJU	FCQ42TAVJU	FCQ48TAVJU
RZR30TAVJU(A)	RZR36TAVJU(A)	RZR42TAVJU(A)	RZR48TAVJU(A)
RZQ30TAVJU(A)	RZQ36TAVJU(A)	RZQ42TAVJU(A)	RZQ48TAVJU(A)
30,000	36,000	42,000	48,000
34,000	40,000	47,000	54,000
17.2	17.6	17	17
9.3	11.4	10.3	9
10.2	9	8.6	9.3
208/230V/1 Ph	208/230V/1 Ph	208/230V/1 Ph	208/230V/1 Ph
Ø 3/8	Ø 3/8	Ø 3/8	Ø 3/8
Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8
Ø 1	Ø 1	Ø 1	Ø 1
229.6	229.6	229.6	229.6
98.4	98.4	98.4	98.4
$11^{23}/_{32}$ x $33^{1}/_{16}$ x $33^{1}/_{16}$	$11^{23}/_{32}$ x $33^{1}/_{16}$ x $33^{1}/_{16}$	$11^{23}/_{32}$ x $33^{1}/_{16}$ x $33^{1}/_{16}$	$11^{23}/_{32}$ x $33^{1}/_{16}$ x $33^{1}/_{16}$
$52^{15}/_{16}$ x $35^{7}/_{16}$ x $12^{5}/_{8}$	$52^{15}/_{16}$ x $35^{7}/_{16}$ x $12^{5}/_{8}$	$52^{15}/_{16}$ x $35^{7}/_{16}$ x $12^{5}/_{8}$	$52^{15}/_{16}$ x $35^{7}/_{16}$ x $12^{5}/_{8}$
23 - 122	23 - 122	23 - 122	23 - 122
0 - 122	0 - 122	0 - 122	0 - 122
-4 - 60	-4 - 60	-4 - 60	-4 - 60

FHQ series Specs

Ceiling Suspended Single Zone Heat Pump or Cooling Only

ENERGY STAR® CERTIFIED		**NO**
NOMINAL TONS		**1.5 TONS**
INDOOR MODELS		**FHQ18PVJU**
OUTDOOR MODELS COOLING ONLY		**RZR18TAVJU(A)**
OUTDOOR MODELS HEAT PUMP		**RZQ18TAVJU(A)**
Cooling Capacity (Rated)	BTU/h	18,000
Heating Capacity (Rated)*	BTU/h	20,000
SEER		16.3
EER		12.9
HSPF*		9.1
Power Supply		208/230V/1 Ph
Liquid Piping Connections (O.D.)	in.	Ø ⅜
Gas Piping Connections (O.D.)	in.	Ø ⅝
Condensate Drain	in.	Ø ¾
Max. Piping Length	ft.	164.0
Max. Piping Height	ft.	98.4
Indoor Dimensions (H x W x D)	in.	7 11/16 x 62⅝ x 26¾
Outdoor Dimensions (H x W x D)	in.	39 x 37 x 12⅝
Operating Range - Cooling	°F DB	23 - 122
Cooling Range w/ Air Adjustment Grille	°F DB	0 - 122
Operating Range - Heating*	°F DB	-4 - 60

* Available on Heat Pump models only

No	No	No	No
2.0 Tons	2.5. Tons	3.0 Tons	3.5 Tons
FHQ24PVJU	FHQ30PVJU	FHQ36MVJU	FHQ42MVJU
RZR24TAVJU(A)	RZR30TAVJU(A)	RZR36TAVJU(A)	RZR42TAVJU(A)
RZQ24TAVJU(A)	RZQ30TAVJU(A)	RZQ36TAVJU(A)	RZQ42TAVJU(A)
24,000	30,000	36,000	40,500
27,000	34,000	40,000	40,000
16.6	16	14	14
11.3	10.5	9.5	8.8
9.3	8.4	8.2	8.2
208/230V/1 Ph	208/230V/1 Ph	208/230V/1 Ph	208/230V/1 Ph
Ø ⅜	Ø ⅜	Ø ⅜	Ø ⅜
Ø ⅝	Ø ⅝	Ø ⅝	Ø ⅝
Ø ¾	Ø ¾	Ø ¾	Ø ¾
164.0	229.6	229.6	229.6
98.4	98.4	98.4	98.4
$7^{11}/_{16}$ x 62⅝ x 26¾	$7^{11}/_{16}$ x 62⅝ x 26¾	$7^{11}/_{16}$ x 62⅝ x 26¾	$7^{11}/_{16}$ x 62⅝ x 26¾
39 x 37 x 12⅝	$52^{15}/_{16}$ x $35^{7}/_{16}$ x 12⅝	$52^{15}/_{16}$ x $35^{7}/_{16}$ x 12⅝	$52^{15}/_{16}$ x $35^{7}/_{16}$ x 12⅝
23 – 122	23 – 122	23 – 122	23 – 122
0 - 122	0 - 122	0 - 122	0 - 122
-4 - 60	-4 - 60	-4 - 60	-4 - 60

FTQ series Specs

Inverter Ducted Heat Pump

ENERGY STAR® CERTIFIED		YES	NO
NOMINAL TONS		1.5 TONS	2.0 TONS
INDOOR MODELS		FTQ18TAVJUD/A	FTQ24TAVJUD/A
OUTDOOR MODELS COOLING ONLY		RZR18TAVJU(A)	RZR24TAVJU(A)
OUTDOOR MODELS HEAT PUMP		RZQ18TAVJU(A)	RZQ24TAVJU(A)
Cooling Capacity (Rated)	BTU/h	18,000	24,000
Heating Capacity (Rated)*	BTU/h	20,000	27,000
SEER		15.5	15.2
EER		12.5	10.3
HSPF*		8.6	9.4
Power Supply		208/230V/1 Ph	208/230V/1 Ph
External Static Pressure	in. Wg	Up to 0.90	Up to 0.90
Liquid Piping Connections (O.D.)	in.	Ø ⅜	Ø ⅜
Gas Piping Connections (O.D.)	ft.	Ø ⅝	Ø ⅝
Condensate Drain	in.	Ø ¾	Ø ¾
Max. Piping Length	ft.	164.0	164.0
Max. Piping Height	ft.	98.4	98.4
Indoor Dimensions (H x W x D)	in.	45 x 17½ x 21	45 x 17½ x 21
Outdoor Dimensions (H x W x D)	in.	39 x 37 x 12⅝	39 x 37 x 12⅝
Operating Range - Cooling	°F DB	23 - 122	23 - 122
Cooling Range w/ Air Adjustment Grille	°F DB	0 - 122	0 - 122
Operating Range - Heating*	°F WB	-4 - 60	-4 - 60

* Available on Heat Pump models only

^ 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.

YES	NO	NO	NO
2.5 TONS	3.0 TONS	3.5 TONS	4 TONS
FTQ30TAVJUD/A	FTQ36TAVJUD/A	FTQ42TAVJUD/A	FTQ48TAVJUD/A
RZR30TAVJU(A)	RZR36TAVJU(A)	RZR42TAVJU(A)	RZR48TAVJU(A)
RZQ30TAVJU(A)	RZQ36TAVJU(A)	RZQ42TAVJU(A)	RZQ48TAVJU(A)
30,000	36,000	42,000	48,000
34,000	40,000	47,000	54,000
16	15.3	16	14.8
12.5	11.3	11	9.5
10.4	9.5	9	9
208/230V/1 Ph	208/230V/1 Ph	208/230V/1 Ph	208/230V/1 Ph
Up to 0.90	Up to 0.90	Up to 0.90	Up to 0.90
Ø ⅜	Ø ⅜	Ø ⅜	Ø ⅜
Ø ⅝	Ø ⅝	Ø ⅝	Ø ⅝
Ø ¾	Ø ¾	Ø ¾	Ø ¾
229.6	229.6	229.6	229.6
98.4	98.4	98.4	98.4
45 x 17½x 21	45 x 17½ x 21	53¼ x 21 x 21	53¼ x 21 x 21
$52^{15}/_{16}$ x $35^{7}/_{16}$ x 12⅝	$52^{15}/_{16}$ x $35^{7}/_{16}$ x 12⅝	$52^{15}/_{16}$ x $35^{7}/_{16}$ x 12⅝	$52^{15}/_{16}$ x $35^{7}/_{16}$ x 12⅝
23 - 122	23 - 122	23 - 122	23 - 122
0 - 122	0 - 122	0 - 122	0 - 122
-4 - 60	-4 - 60	-4 - 60	-4 - 60

Accessories

Item #	Item Description
	Controller Options
DTST-ONE-ADA-A	Daikin *One*+ Smart Thermostat
AZAI6WSCDKB	S21 DKN Cloud Wi-Fi Adaptor
AZAI6WSPDKC	DKN Plus Interface
BACRC-T-P01	ATC with Temperature Sensor
BACRC-TH-P01	ATC with Temperature/Humidity Sensor
BACRC-THO-P01	ATC with Temperature/Humidity/Occupancy Sensor
BACRC-THOC-P01	ATC with Temperature/Humidity/Occupancy/CO_2 Sensor
KRCSH2018-01	Button Sensor Kit
BRC4C82, BRC7E83, BRC7E818, BRC082A_	Wireless Remote Control Kit
BRC944B2	Wired Remote Controller
BRCW901A03	Wired Controller Cord - 10 ft.
BRP072A43	Wi-Fi Adaptor
DACA-BRCW901P10	Remote Controller Cable, Plenum Rated, 10 ft.
DACA-BRCW901P25	Remote Controller Cable, Plenum Rated, 25 ft.
KRP067A41E	Interface Adaptor for BRC944B2 (Required for FTX/K09/12NMVJU)
KRP980B2E	Interface Adaptor for BRC944B2 (Required for FTX/K15/18/24NMVJU)
AZAI6WSCDKA	DKN Cloud Wi-Fi Adaptor
BRC1E73	Navigation Remote Controller
BRC2A71	Simplified Wired Controller
BRC1H71W	Madoka Wired Controller
KRCS01-4B	Remote Sensor Kit, 4-pin
	Drain Pan Heaters
KEHO67A41E	Heater for sizes 09 & 12
KEH063A4EA	Heater for sizes 15, 18, 24, & 2-, 3-, & 4-Port Multi-Split Systems (incl. RX_AXVJU)
KEH063A4E	Heater for sizes 15, 18, 24, & 2-, 3-, & 4-Port Multi-Split Systems (excl. RX_AXVJU)
KEH082A41	Heater for 4MXL and 5MXS
KEHJ5A160E	Heater for RZQ18-48TAVJU
	Filter Replacements
KAF918A44	Air-purifying filter without frame
KAF952B42	Air-purifying filter without frame
KAF974B42S	Air-purifying filter
KAF970A45	Air-purifying filter (19 series models)
KAF970A46	Air-purifying filter (19 series models)
KAF968B42	Air-purifying filter (FVXS floor-standing model)
	Mini-Split Pads - Plastic Pad
EL1838-3	Elite Plastic Pad 18 x 38 x 3
EL2436-3	Elite Plastic Pad 24 x 36 x 3
	Mini-Split Pads - Ultralite - Concrete Based Pad
UC1636-2	Ultralite Pad 16 x 36 x 2
UC2436-2	Ultralite Pad 24 x 36 x 2
UC2436-3	Ultralite Pad 16 x 36 x 3
UC2436-3	Ultralite Pad 24 x 36 x 3
	Mini-Split Pads - Florida Market
H1840-4	N FL Hurricane Pad 18 x 40 x 4 - 150 MPH Zone
H2436-4	N FL Hurricane Pad 24 x 36 x 4 - 150 MPH Zone
HT1840-4	S FL Hurricane Pad 18 x 40 x 4 - 175 MPH Zone
HT2436-4	S FL Hurricane Pad 24 x 36 x 4 - 175 MPH Zone

Accessories (continued)

Item #	Item Description
	Optional Air Adjustment Grille
KPW937F4	RX09-12 / RK09-12 RK09-12 / RXL09-12
KPW063B4	RX15-36NM/RMVJU / RK18-36NM/RMVJU
KPW063B4E	RX18-24AXVJU / RK18-24AXVJU
KPW937C4	RXSO9-12
KPW945B4	RXS15-24
KPW5F80	RZR18-42PVJU8 RZQ18-42PVJU7/8 (2 grilles are required for use with sizes 36, 42 and RZQ30PVJU7) RZR30-48TAVJU, RZQ30-48TAVJU (2 grilles required)
KPW082A41	4MXL / 5MXS
KPW5G112	RZR18-24TAVJU, RZQ18-24TAVJU
	Ultra Low Ambient Cooling Kit
KEHC082A42	RKS36
KEHC082A41	RKS30
	Snow Hoods
KPS067A41 / KPS063A41	Side hood for RXL09-12 / RXL15 & 2MXL, 3MXL
KPS067A42 / KPS063A44	Back hood for RXL09-12 / RXL15 & 2MXL, 3MXL
KPS067A44 / KPS063A47	Discharge hood for RXL09-12 / RXL15 & 2MXL, 3MXL
VRVQA-SH-SF	Snow hood kit for RZR/RZQ18-24TAVJU
VRVQA-SH-DF	Snow hood kit for RZR/RZQ30-48TAVJU
	Snow Visors
KPS00344	Snow visor for RZR/RZQ18-48TAVJU
	Wall-Mount Brackets
DACA-WB-4	Wall Condenser Bracket, Powder coat, 300 lb. Capacity (WBB300 - 87738)
DACA-WB-3	Wall Condenser Bracket, Powder coat, 500 lb. Capacity (WBB500 - 87735)
DACA-WB-2	Wall Brackets Kit w/o Bar - 23⅜ X 16½ - 330 lb. cap — SAU
DACA-WB-1	Adj Wall Bracket w/Support Bar - 17¾ X 16½ X 31½ — 242 lb. cap - SAU
	Installation Tools
DACA-FSG-1	Flare Size Gauge
DACA-RBTC-1	Replacement Tubing Cutter Blade
TLTWSM	Torque Wrench Kit w/Lever (METRIC) (Replaces all DACA-TQW series INDIV torque wrenches)
TLTWSAE	Torque Wrench Kit w/Lever: SAE
TLB410AD	Daikin Custom Tool Kit: 22Pcs + Tool Bag
MT2H7P5	R410a Gauges w/ball valve (Replaces - DACA-R410GS-1)
FT800FN	Flaring Tool: Clutch Type Eccentric (Replaces - DACA-CFK-1)
TLDB	Deburring Tool (Replaces DACA-DT-1)
TCT274	HD Tubing Cutter: ⅛ to 1⅜ (Replaces DACA-TC-1)
AD87	Straight Adaptor: $\frac{5}{16}$ flare to a ¼ flare (Replaces - DACA-SVA-1)
AD87S	Angled Adaptor: 55deg $\frac{5}{16}$ flare to ¼ flare (Replaces DACA-SVA-1)
TLVCS410	Valve Core Remover / Installer Tool w/Side Port
LSFNUT14	Lineset 45Deg Flare Nut: ¼; Pkg 10
LSFNUT38	Lineset 45Deg Flare Nut: ⅜; Pkg 10
LSFNUT12	Lineset 45Deg Flare Nut: ½; Pkg 10
LSFNUT58	Lineset 45Deg Flare Nut: ⅝; Pkg 10

Accessories (continued)

Item #	Item Description
Linesets - Non-Flared - White PE Style Rugged Linehide - PDM	
DCTLS14121225	LINESET GEL NF ¼ X ½ X ½, 25ft - NF - White Hide (Replaces LS14121210DMSF, LS14121215DMSF) New
DCTLS14121235	LINESET GEL NF ¼ X ½ X ½, 35ft - NF - White Hide (Replaces LS14121230DMSF) New
DCTLS14121250	LINESET GEL NF ¼ X ½ X ½, 50ft - NF - White Hide (Replaces LS14121250DMSF, LS14121265DMSF, LS141212100DMSF) New
DCTLS14381225	LINESET GEL NF ¼ X ⅜ X ½, 25ft - NF - White Hide
DCTLS14381235	LINESET GEL NF ¼ X ⅜ X ½, 35ft - NF - White Hide
DCTLS14381250	LINESET GEL NF ¼ X ⅜ X ½, 25ft - NF - White Hide
DCTLS14581225	LINESET GEL NF ¼ X ⅝ X ½, 25ft - NF - White Hide
DCTLS14581235	LINESET GEL NF ¼ X ⅝ X ½, 35ft - NF - White Hide
DCTLS14581250	LINESET GEL NF ¼ X ⅝ X ½, 50ft - NF - White Hide
DCTLS38581225	LINESET GEL NF ⅜ X ⅝ X ½, 25ft - NF - White Hide
DCTLS38581235	LINESET GEL NF ⅜ X ⅝ X ½, 35ft - NF - White Hide
DCTLS38581250	LINESET GEL NF ⅜ X ⅝ X ½, 50ft - NF - White Hide
Linesets - Flared - Black Rubber - JMF	
LS14381230DMSF	LS ¼ x ⅜ x ½ x 30 DMS Flared- Black Rubber Insulation
LS14381250DMSF	LS ¼ x ⅜ x ½ x 50 DMS Flared - Black Rubber Insulation
LS14121230DMSF	LS ¼ x ½ x ½ x 30 DMS Flared - Black Rubber Insulation
LS14121250DMSF	LS ¼ x ½ x ½ x 50 DMS Flared - Black Rubber Insulation
LS14121265DMSF	LS ¼ x ½ x ½ x 65 DMS Flared- Black Rubber Insulation
LS14381265DMSF	LS ¼ x ⅜ x ½ x 65 DMS Flared- Black Rubber Insulation
LS14581265DMSF	LS ¼ x ⅝ x ½ x 65 DMS Flared- Black Rubber Insulation
LS38581265DMSF	LS ⅜ x ⅝ x ½ x 65 DMS Flared- Black Rubber Insulation
LS141212100DMSF	LS ¼ x ½ x ½ x 100 DMS Flared- Black Rubber Insulation
LS143812100DMSF	LS ¼ x ⅜ x ½ x 100 DMS Flared- Black Rubber Insulation
LS145812100DMSF	LS ¼ x ⅝ x ½ x 100 DMS Flared- Black Rubber Insulation

Accessories (continued)

Line Sets

Model Number	Size (in.)	Length (ft.)	Insulation (in.)
LS14381210DMSF	¼ x ⅜	10	½
LS14381215DMSF	¼ x ⅜	15	½
LS14381230DMSF	¼ x ⅜	30	½
LS14381250DMSF	¼ x ⅜	50	½
LS14381265DMSF	¼ x ⅜	65	½
LS143812100DMSF	¼ x ⅜	100	½
LS14121210DMSF	¼ x ½	10	½
LS14121215DMSF	¼ x ½	15	½
LS14121230DMSF	¼ x ½	30	½
LS14121250DMSF	¼ x ½	50	½
LS14121265DMSF	¼ x ½	65	½
LS141212100DMSF	¼ x ½	100	½
LS14581210DMSF	¼ x ⅝	10	½
LS14581215DMSF	¼ x ⅝	15	½
LS14581230DMSF	¼ x ⅝	30	½
LS14581250DMSF	¼ x ⅝	50	½
LS14581265DMSF	¼ x ⅝	65	½
LS145812100DMSF	¼ x ⅝	100	½

DESIGN & INSTALLATION

Recommended Installation Tools

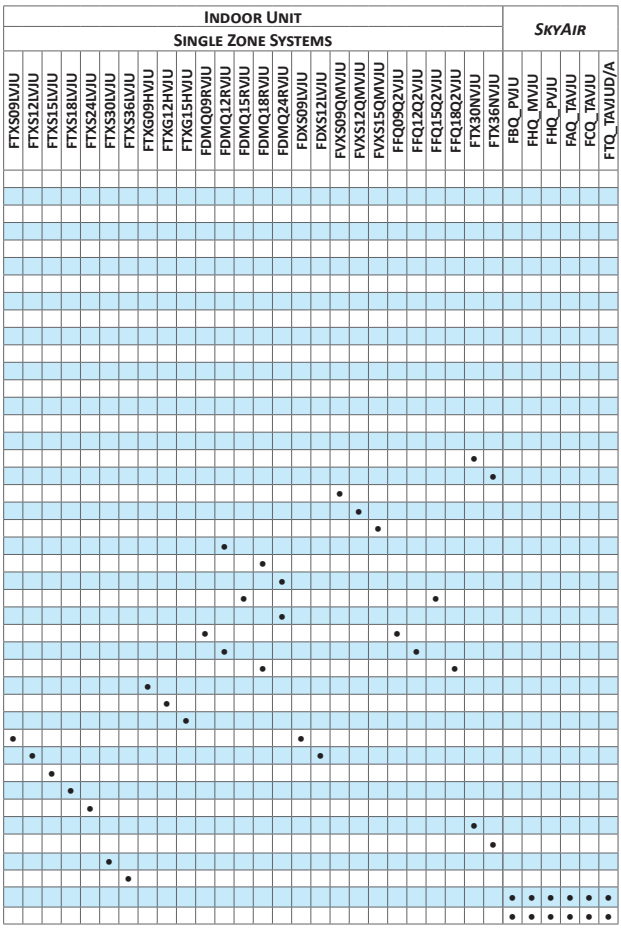
Make sure to use installation tools that are exclusively used for R-410A installations to withstand the pressure and to prevent foreign materials from mixing into the system.

- ☐ Tool Kit : DACA-99STK-2
- ☐ ¼"- ⅝" Torque Wrench*
- ☐ Adjustable Wrenches
- ☐ Charge Hose
- ☐ Deburring Tool*
- ☐ Flare Gauge Set*
- ☐ Flaring Block*
- ☐ Gauge Manifold
- ☐ Nitrogen
- ☐ Phillips Screwdriver
- ☐ Tubing Cutter*
- ☐ Vacuum Pump
- ☐ Micron Gauge

(*included in kit)

Compatibility Matrix

Daikin Single Zone System Compatibility Matrix		Indoor Unit: Single Zone Systems																								
		FTXB09AXVJU	FTXB12AXVJU	FTXB18AXVJU	FTXB24AXVJU	FTKB09AXVJU	FTKB12AXVJU	FTKB18AXVJU	FTKB24AXVJU	FTX09AXVJU	FTX12AXVJU	FTX18AXVJU	FTX24AXVJU	FTK09AXVJU	FTK12AXVJU	FTK18AXVJU	FTK24AXVJU	FTX09NMVJU	FTX12NMVJU	FTX15NMVJU	FTX18UVJU	FTX24UVJU	FTXR09TVJU(W/S)	FTXR12TVJU(W/S)	FTXR18TVJU(W/S)
Outdoor Unit: Single Zone Systems	RXB09AXVJU	•																							
	RXB12AXVJU		•																						
	RXB18AXVJU			•																					
	RXB24AXVJU				•																				
	RKB09AXVJU					•																			
	RKB12AXVJU						•																		
	RKB18AXVJU							•																	
	RKB24AXVJU								•																
	RX09AXVJU									•															
	RX12AXVJU										•														
	RX18AXVJU											•													
	RX24AXVJU												•												
	RK09AXVJU													•											
	RK12AXVJU														•										
	RK18AXVJU															•									
	RK24AXVJU																•								
	RK30NMVJU(A)																								
	RK36NMVJU(A)																								
	RXL09QMVJU																	•							
	RXL12QMVJU																		•						
	RXL15QMVJU(A)																			•					
	RXL12QMVJU9																		•						
	RXL18UMVJU(A)																				•				
	RXL24UMVJU(A)																					•			
	RX15RMVJU(A)																								
	RX24RMVJU(A)																								
	RX09RMVJU9																						•		
	RX12RMVJU9																							•	
	RX18RMVJU9(A)																								•
	RXG09HVJU																								
	RXG12HVJU																								
	RXG15HVJU																								
	RXS09LVJU																								
	RXS12LVJU																								
	RXS15LVJU																								
	RXS18LVJU																								
	RXS24LVJU																								
	RX30NMVJU(A)																								
	RX36NMVJU(A)																								
	RKS30LVJU																								
	RKS36LVJU																								
	RZQ_TAVJU(A)																								
	RZR_TAVJU(A)																								


INDOOR UNIT
SINGLE ZONE SYSTEMS
SKYAIR
FTXS09LV1U
FTXS12LV1U
FTXS15LV1U
FTXS18LV1U
FTXS24LV1U
FTXS30LV1U
FTXS36LV1U
FTXG09HV1U
FTXG12HV1U
FTXG15HV1U
FDMQ09RV1U
FDMQ12RV1U
FDMQ15RV1U
FDMQ18RV1U
FDMQ24RV1U
FDXS09LV1U
FDXS12LV1U
FVXS09QMV1U
FVXS12QMV1U
FVXS15QMV1U
FFQ09Q2V1U
FFQ12Q2V1U
FFQ15Q2V1U
FFQ18Q2V1U
FTX30NV1U
FTX36NV1U
FBQ_PVJU
FHQ_MVJU
FHQ_PVJU
FAQ_TAVJU
FCQ_TAVJU
FTQ_TAVJUD/A

Compatibility Matrix

Daikin Multi-Zone System Compatibility Matrix		Outdoor Unit							
		2MXL18QMVJU(A)	3MXL24RMVJU(A)	4MXL36TVJU	2MXS18NMVJU(A)	3MXS24RMVJU(A)	4MXS36RMVJU(A)	5MXS48TVJU	RMXS48LVJU
Indoor Unit	CDXS07LVJU		●			●			
	CDXS15LVJU	●	●	●	●	●	●	●	●
	CDXS18LVJU		●	●		●	●	●	●
	CDXS24LVJU			●			●	●	●
	CTXG09QVJU(W/S)	●	●	●	●	●	●	●	●
	CTXG12QVJU(W/S)	●	●	●	●	●	●	●	●
	CTXG18QVJU(W/S)		●	●		●	●	●	●
	FTXR09TVJU(W/S)	●	●	●	●	●	●	●	●
	FTXR12TVJU(W/S)	●	●	●	●	●	●	●	●
	FTXR18TVJU(W/S)		●	●		●	●	●	●
	CTXS07LVJU	●	●	●	●	●	●	●	●
	FDMQ09RVJU	●	●	●	●	●	●	●	●
	FDMQ12RVJU	●	●	●	●	●	●	●	●
	FDMQ15RVJU	●	●	●	●	●	●	●	●
	FDMQ18RVJU		●	●		●	●	●	●
	FDMQ24RVJU			●			●	●	●
	FDXS09LVJU	●	●	●	●	●	●	●	●
	FDXS12LVJU	●	●	●	●	●	●	●	●
	FFQ09Q2VJU	●	●	●	●	●	●	●	●
	FFQ12Q2VJU	●	●	●	●	●	●	●	●
	FFQ15Q2VJU	●	●	●	●	●	●	●	●
	FFQ18Q2VJU		●	●		●	●	●	●
	FTXS09LVJU	●	●	●	●	●	●	●	●
	FTXS12LVJU	●	●	●	●	●	●	●	●
	FTXS15LVJU	●	●	●	●	●	●	●	●
	FTXS18LVJU		●	●		●	●	●	●
	FTXS24LVJU			●			●	●	●
	FVXS09NVJU	●	●	●	●	●	●	●	●
	FVXS12NVJU	●	●	●	●	●	●	●	●
	FVXS15NVJU	●	●	●	●	●	●	●	●
	FVXS18NVJU		●	●		●	●	●	●

Multi-Zone Combination Table

Install the indoor unit according to the table below, which shows the relationship between the class of indoor unit and the corresponding port.

The total indoor unit capacity that can be connected to this unit:

2MXL18* – Up to 24,000 Btu/h

2MXS18* – Up to 24,000 Btu/h

3MXL24* – Up to 39,000 Btu/h

3MXS24* – Up to 39,000 Btu/h

4MXL36* – Up to 48,000 Btu/h

4MXS36* – Up to 48,000 Btu/h

5MXS48* – Up to 58,000 Btu/h

The line set piping size is determined by the size of the indoor unit fittings. Reducers are used at the outdoor unit to accommodate the correct gas line pipe size.

Port	2MX*18*	3MX*24*	4MX*36*	5MXS48
A	07, 09, 12	07, 09, 12	07, 09, 12	07, 09, 12
B	# # # 07 09 12 15	# # # 07 09 12 15 18	# # # 07 09 12 15 18	# # # 07 09 12 15 18
C	———	# # # 07 09 12 15 18	# # # 07 09 12 15 18	# # # 07 09 12 15 18
D	———	———	▲ ▲ ▲ ■ ■ 07 09 12 15 18 24	▲ ▲ ▲ ■ ■ 07 09 12 15 18 24
E				▲ ▲ ▲ ■ ■ 07 09 12 15 18 24

●	Use a reducer to connect pipes.
#	Use No. 2 and 4 reducers
▲	Use No. 5 and 6 reducers
■	Use No. 1 and 3 reducers

Controls Compatibility Matrix

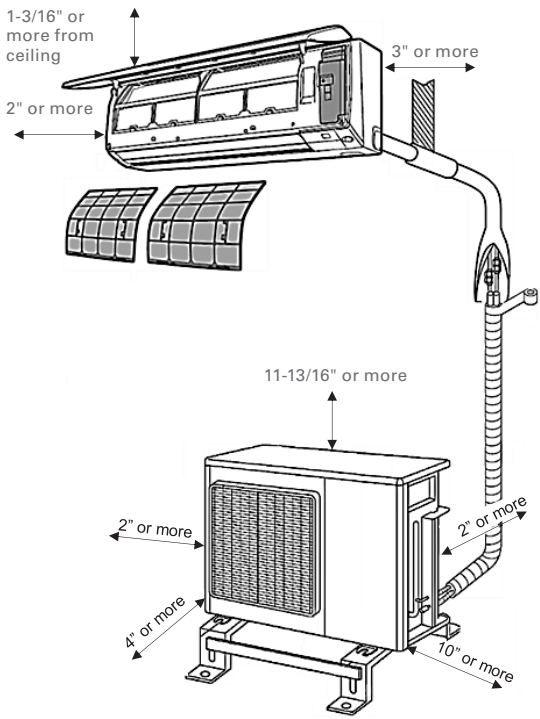
		Included Controls										Optional Controls															
		ARC480A8	ARC480A9	ARC452A21	ARC452A23	ARC447A3	ARC466A21	ARC466A36	ARC466A37	BRC52B63	BRC52B64	BRP072A43	BRC944B2	BRC1E73	BRC2A71	BRC082A43	BRC082A42W	BRC082A42S	BRC7E83	BRC7E818	BRC4C82	AZAI6WSCDKA	AZAI6WSCDKB	AZAI6WSPDKC	KRCS01-4B	BACRC-T	BRC1H71W	DTST-ONE-ADA-A
Single and Multi-Zone Systems	FTXB_AXVJU									●																	
	FTKB_AXVJU										●																
	FTX_AXVJU									●		●	●										●	●				
	FTK_AXVJU										●	●	●										●	●				
	FTX_NMVJU	●										●	●†										●†	●†				●†
	FTK_NMVJU		●									●	●†										●†	●†				●†
	FTX_UVJU								●			●	●										●	●				●
	FDXS_LVJU				●							●	●										●	●				●
	FDMQ_RVJU													●	●	●						●		●		●	●	●
	FTXG_HVJU					●							●											●				●
	FVXS_NVJU						●					●	●										●	●				●
	FFQ_Q2VJU													●	●		●	●				●		●		●	●	●
	CTXG_QVJU(W/S)							●				●	●										●	●				●
	FTXR_TVJU(W/S)							●				●	●										●	●				●
	CTXS_LVJU			●								●	●										●	●				●
	CDXS_LVJU				●							●	●										●	●				●
	FTX_NVJU								●			●	●										●	●				●
	FTXS_LVJU			●								●	●										●	●				●
*Sky*Air Systems	FBQ_PVJU													●	●	●					●	●		●	●	●	●	●
	FHQ_P(M)VJU													●	●				●			●		●	●	●	●	●
	FAQ_TAVJU													●	●					●		●		●		●	●	●
	FCQ_TAVJU													●	●							●		●		●	●	●
	FTQ_TAVJUD/A													●	●						●	●		●		●	●	●

† Requires adaptor: KRP067A41E for sizes 09/12. KRP980B2E for sizes 15/18/24.

System Clearances

Single and Multi-Zone Systems

The **minimum** required system clearances for split systems are shown below. Refer to installation manual for installation patterns and exact minimum clearances by model.



System Clearances

The **minimum** required system clearances for split systems are shown below. Refer to installation manual for installation patterns and exact minimum clearances by model.

FDMQ Ducted Concealed

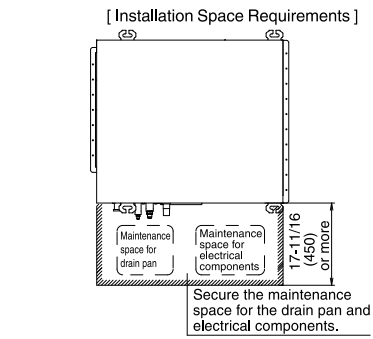


Fig. 1 unit: inch (mm)

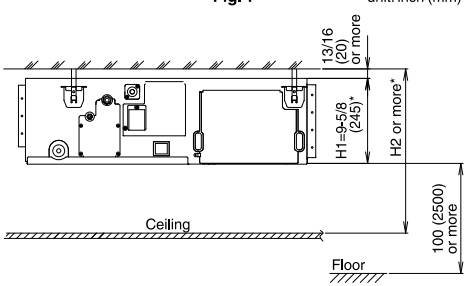


Fig. 2 unit: inch (mm)

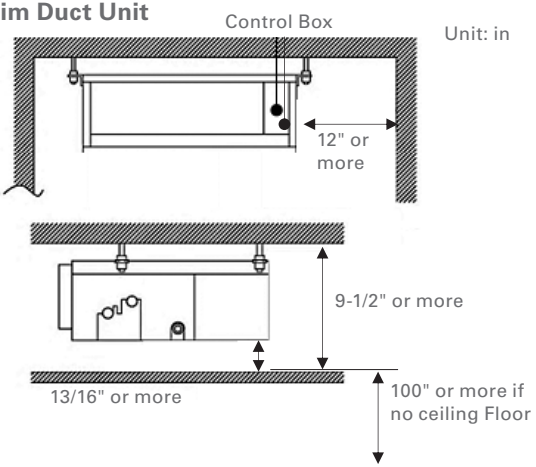
- * Dimension H1 indicates the product height.
- * Secure a downward slope of at least 1/100 specified in **7. DRAIN PIPING WORK** and determine dimension H2.

System Clearances

Single and Multi-Zone Systems

The **minimum** required system clearances for split systems are shown below. Refer to installation manual for installation patterns and exact minimum clearances by model.

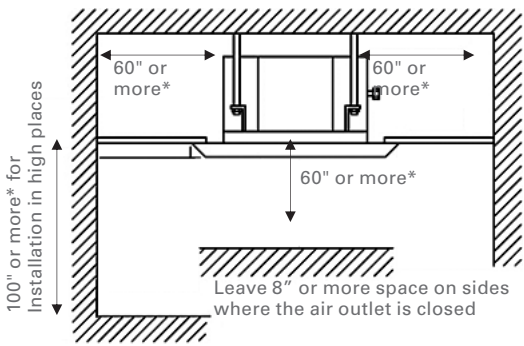
Slim Duct Unit



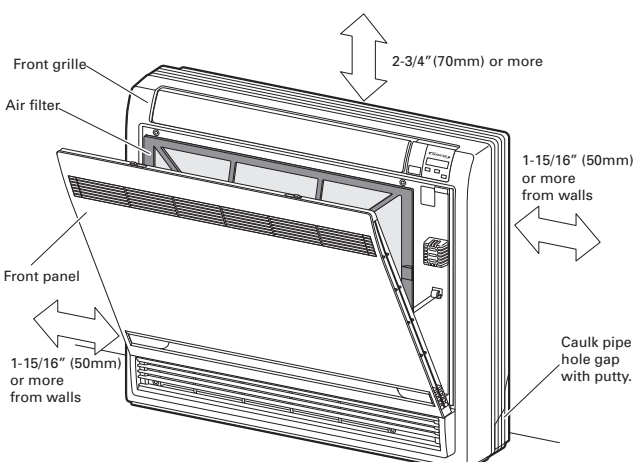
System Clearances

Indoor Units

Daikin *VISTA* series Ceiling Cassette



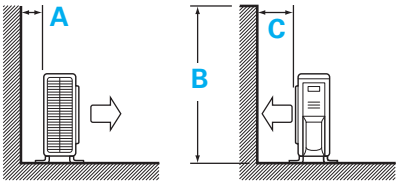
Floor-Standing



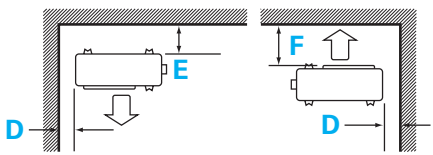
System Clearances

Outdoor Units

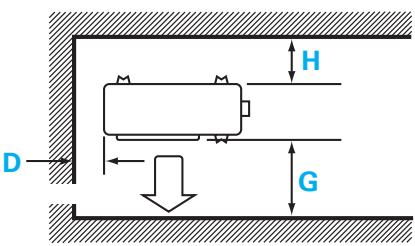
Side View (Single Obstruction)



Top View (Two Obstructions)



Top View (Three Obstructions)

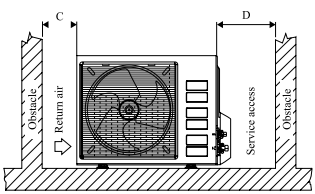


MODEL	A	B	C	D	E	F	G	H
RXS09/12LVJU, RX(K)09/12NMVJU, RXL09/12QMVJU(9), RX09/12RMVJU9, RX(K)B09/12AXVJU, RX(K)09/12AXVJU	>1 15/16	<47¼	>3 15/16	>1 15/16	>3 15/16	>5 7/8	>11 13/16	>5 7/8*
RX(K)S15/18/24/30/36LVJU, RX(K)18/24/30/36NMVJU(A), RXL15/18/24QMVJU(A), RX15/18/24RMVJU(9)(A), RX(K)18/24AXVJU	>3 15/16	<47¼	>13¾	>1 15/16	>3 15/16	>13¾	>13¾	>3 15/16
RXG	>1 5/16	<47 3/16	>3 15/16	>1 15/16	>3 15/16	>5 7/8	>11 13/16	>5 7/8
2,3,4 & 5MXS, 2,3 & 4MXL	>3 15/16	<47 3/16	>13¾	>1 15/16	>3 15/16	>13¾	>13¾	>3 15/16

*RX(K)B09/12AXVJU requires >5 15/16

System Clearances

RX(K)B18/24AXVJU Outdoor Units

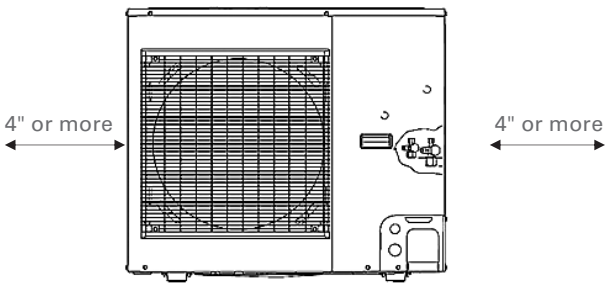


DIMENSION	A	B	C	D
Minimum Distance, Inch (mm)	11-13/16 (300)	39-3/8 (1000)	11-13/16 (300)	19-11/16 (500)

System Clearances

Outdoor Units – RZR/RZQ

The **minimum** required system clearances for *SkyAir* outdoor units are shown below. Refer to installation manual for installation patterns and exact minimum clearances by model.

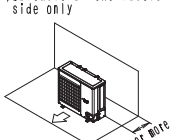


INSTALLATION SERVICE SPACE

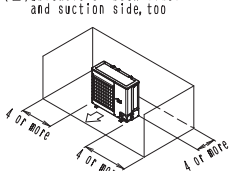
STAND-ALONE INSTALLATION (The measure of these values is "in".)

No obstacle above

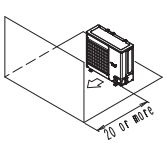
(1)Obstacle on the suction side only



(2)Obstacle on both sides and suction side, too

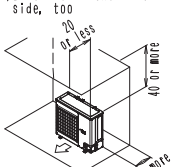


(3)Obstacle on the discharge side only

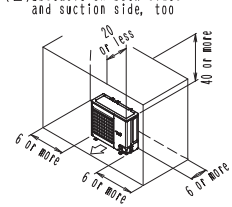


Obstacle above, too

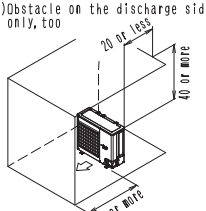
(1)Obstacle on the suction side, too



(2)Obstacle on both sides and suction side, too



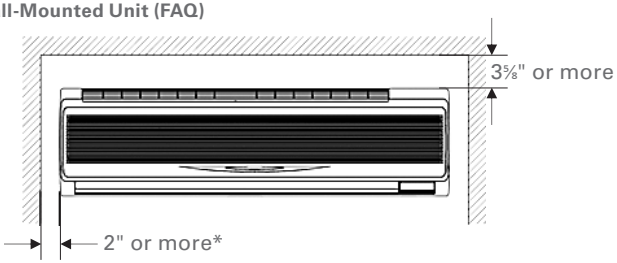
(3)Obstacle on the discharge side only, too



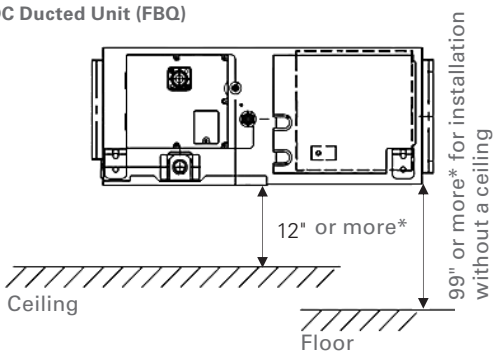
System Clearances

Indoor Units

Wall-Mounted Unit (FAQ)



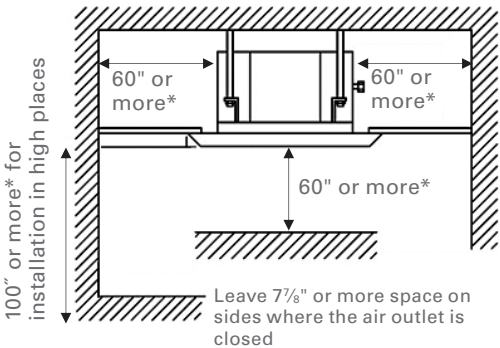
DC Ducted Unit (FBQ)



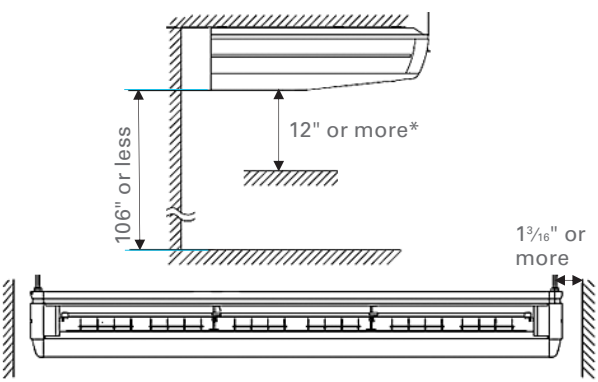
System Clearances

Indoor Units

3'X 3' Ceiling Cassette (FCQ)



Ceiling Suspended (FHQ)

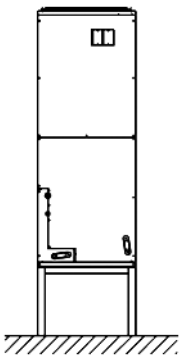


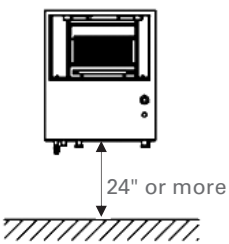
System Clearances

Indoor Units

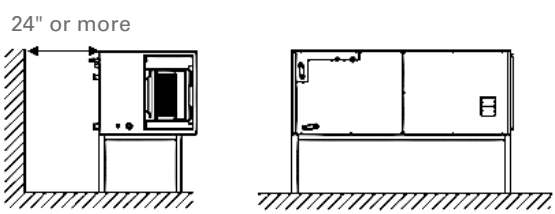
Inverter Ducted (FTQ)

Vertical Installation





Horizontal Installation



Electrical Requirements

Indoor Unit	Outdoor Unit	Minimum Circuit (A)	Max. Overcurrent Protection (A)
17 series			
FTX(K)B09AXVJU	RX(K)B09AXVJU	6.95	15
FTXB12AXVJU	RXB12AXVJU	7.95	15
FTXB18/24AXVJU	RXB18/24AXVJU	16.2	20
FTKB12AXVJU	RKB12AXVJU	7.7	15
FTKB18/24AXVJU	RKB18/24AXVJU	13.2	20
19 series			
FTX09/12AXVJU	RX09/12AXVJU	8.7	15
FTX18/24AXVJU	RX18/24AXVJU	16.4	20
FTK09AXVJU	RK09AXVJU	7	15
FTK12AXVJU	RK12AXVJU	7.8	15
FTK18/24AXVJU	RK18/24AXVJU	13.4	20
Daikin *EMURA* Single Zone series			
FTXR09TVJU(W/S)	RX09RMVJU9	9	15
FTXR12TVJU(W/S)	RX12RMVJU9	9.1	15
FTXR18TVJU(W/S)	RX18RMVJU9(A)	12.8	15
Daikin *AURORA* Single Zone series			
FTX09NMVJU FVXS09NVJU	RXL09QMVJU	9.5	15
FTX12NMVJU FVXS12NVJU FDMQ12RVJU	RXL12QMVJU(9)	13.0	15
FTX15NMVJU FVXS15NVJU	RXL15QMVJU(A)	13.0	15
FTX18UVJU	RXL18UMVJU(A)	18.7	20
FDMQ18RVJU	RXL18UMVJU(A)	19.5	20
FTX24UVJU	RXL24UMVJU(A)	18.9	20
FDMQ24RVJU	RXL24UMVJU(A)	19.8	20
LV series			
FTXS09LVJU	RXS09LVJU	8.0	15
FTXS12LVJU	RXS12LVJU	8.75	15
FTXS15/18LVJU	RXS15/18LVJU	13.75	20
FTXS24LVJU	RXS24LVJU	17.5	20
FDXS09LVJU	RXS09LVJU	8.0	15
FDXS12LVJU	RXS12LVJU	8.75	15
FDMQ			
FDMQ09RVJU	RX09RMVJU9	9.0	15
FDMQ12RVJU	RX12RMVJU9	9.1	15
FDMQ15RVJU	RX15RMVJU(A)	9.7	15
FDMQ18RVJU	RX18RMVJU9(A)	12.8	15
FDMQ24RVJU	RX24RMVJU(A)	16.9	20
***QUATERNITY* series**			
FTXG09/12/15HVJU	RXG09/12/15HVJU	14.5	15
Daikin *VISTA* series			
FFQ09Q2VJU	RX09RMVJU9	9	15
FFQ12Q2VJU	RX12RMVJU9	9.1	15
FFQ15Q2VJU	RX15RMVJU(A)	9.7	15
FFQ18Q2VJU	RX18RMVJU9(A)	12.8	15
NV series/LV 30-36			
FTX30/36NVJU	RK30/36NMVJU(A)	17	20
FTX30/36NVJU	RX30/36NMVJU(A)	19.8	20
FTXS30/36LVJU	RKS30/36LVJU	19.5	20
Multi-Zone Systems			
	2MXL18QMVJU(A)	17.1	20
	2MXS18NMVJU(A)	15.8	20
	3MXL24RMVJU(A)	22.6	25
	3MXS24RMVJU(A)	21.9	25
	4MXL36TVJU	32.5	35
	4MXS36RMVJU(A)	23.9	25
	5MXS48TVJU	33.2	35

Electrical Requirements

Outdoor Unit			
Heat Pump	Cooling Only	MCA (A)	MOCP (A)
RZQ18TAVJU	RZR18TAVJU	16.5	25
RZQ18TAVJUA	RZR18TAVJUA	16.5	20
RZQ24TAVJU	RZR24TAVJU	16.5	25
RZQ24TAVJUA	RZR24TAVJUA	16.5	20
RZQ30TAVJU(A)	RZR30TAVJU(A)	29.1	35
RZQ36TAVJU(A)	RZR36TAVJU(A)	29.1	35
RZQ42TAVJU(A)	RZR42TAVJU(A)	29.1	35
RZQ48TAVJU(A)	RZR48TAVJU(A)	29.1	35

Indoor Unit		
Model Number	MCA (A)	MOCP (A)
FBQ18PVJU	1.6	15
FBQ24PVJU	1.8	15
FBQ30PVJU	2.3	15
FBQ36PVJU	2.9	15
FBQ42PVJU	3.4	15
FBQ48PVJU	3.4	15
FHQ18PVJU	1.3	15
FHQ24PVJU	1.3	15
FHQ30PVJU	1.3	15
FHQ36MVJU	1.4	15
FHQ42MVJU	1.4	15
FAQ18TAVJU	0.5	15
FAQ24TAVJU	0.6	15
FCQ18TAVJU	0.6	15
FCQ24TAVJU	0.7	15
FCQ30TAVJU	1.3	15
FCQ36TAVJU	1.5	15
FCQ42TAVJU	1.8	15
FCQ48TAVJU	1.8	15
FTQ18TAVJUD/A	4.9	15
FTQ24TAVJUD/A	4.9	15
FTQ30TAVJUD/A	4.9	15
FTQ36TAVJUD/A	4.9	15
FTQ42TAVJUD/A	6.5	15
FTQ48TAVJUD/A	6.5	15

⚠WARNING – HIGH VOLTAGE

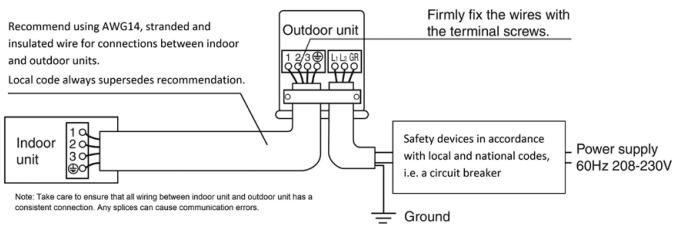
DISCONNECT ALL POWER BEFORE SERVICING. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

Single Zone Split Systems (RK, RX, RXL, RXS, RXG, RKB, RXB)

Wiring Procedure

Do not turn on the safety breaker until all work is completed.

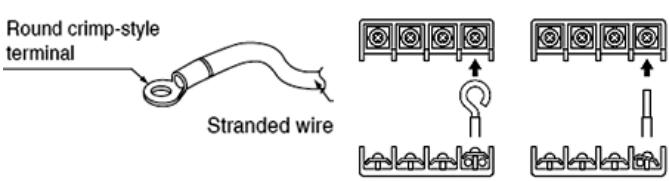
1. Strip the insulation from the wire (3/4 inch (20mm).
2. Connect the connection wires between the indoor and outdoor units so that the terminal numbers match. Tighten the terminal screws securely. We recommend a flathead screwdriver be used.



For stranded wires, make sure to install the round crimp-style terminals on the tip.

Place the round crimp-style terminals on the wires up to the covered part and secure.

When connecting the connection wires to the terminal block using a single core wire, be sure to perform curling. Problems with the work may cause heat and fires.



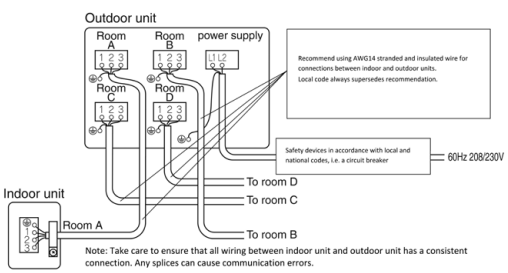
⚠WARNING – HIGH VOLTAGE

DISCONNECT ALL POWER BEFORE SERVICING. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

Multi-Zone Split Systems (2MXL , 2MXS, 3MXL , 3MXS, 4MXL, 4MXS, 5MXS)

Wiring Procedure

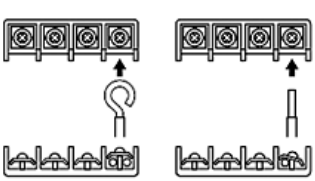
1. Strip the insulation from the wire (3/4 inch) (20mm).
2. Connect the connection wires between the indoor and outdoor units **so that the terminal numbers match.** Tighten the terminal screws securely. We recommend a flathead screwdriver be used.
3. **Be sure to match the symbols for wiring and piping.**
4. Pull the wire lightly to make sure that it does not disconnect.
5. Pass the wiring through the cutout on the bottom of the protection plate.
6. After completing the work, reattach the service lid to its original position.



When using stranded wires make sure to install the round crimp-style terminals on the tip.

Place the round crimp-style terminals on the wires up to the covered part and secure.

Perform curling when using a single core wire.



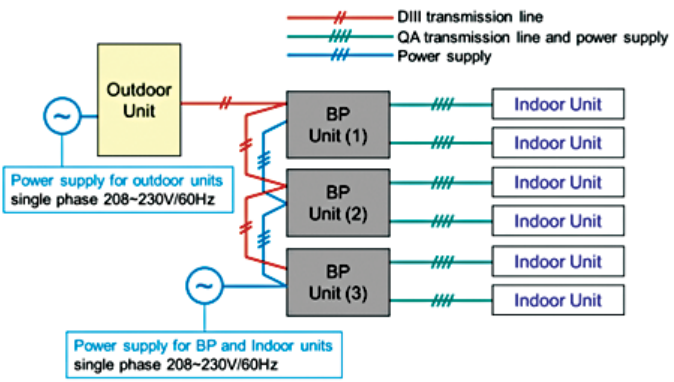
Stripping wire at terminal block

⚠WARNING – HIGH VOLTAGE

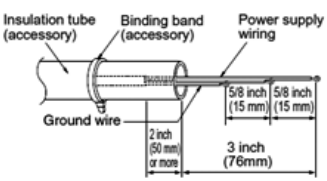
DISCONNECT ALL POWER BEFORE SERVICING. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

8-Zone Multi-Split System (RMXS)

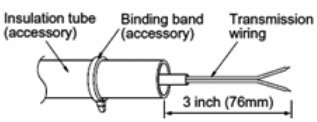
The outdoor unit and BP units operate from separate 208/230V single-phase power supplies. Indoor units are powered from the BP unit and wired as Daikin's current 4-wire single split systems reducing the wiring size and easing installation.



Power Supply Wiring



Transmission Wiring



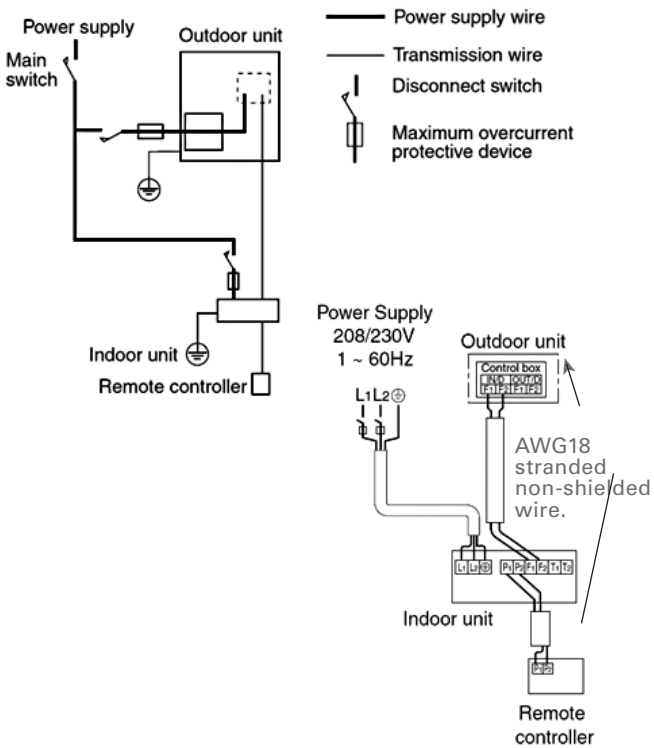
Refer to the installation manual for more detailed instructions.

⚠WARNING – HIGH VOLTAGE

DISCONNECT ALL POWER BEFORE SERVICING. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

SkyAir RZQ, RZR Systems

Complete System Example



* Refer to each system Installation Manual for detailed wiring instructions.

Piping Lengths

Outdoor Unit	Min Length (ft.)	Max Length (ft.)	Max Height (ft.)	Chargeless* (ft.)
17 series				
9 & 12 MBH	9.84	65.6	32.8	25
18 & 24 MBH	9.84	98.4	32.8	25
19 series, LV series, Daikin *EMURA* Single Zone series, Daikin *AURORA* Single Zone series, FDMQ, Daikin *VISTA* Single Zone series, NV series, LV 30/36				
9 & 12 MBH	4.92	65.6	49.2	32.8
15, 18, 24, 30, 36 MBH	4.92	98.4	65.6	32.8
Additional refrigerant required for refrigerant pipe exceeding 32.8 ft. Charge additional refrigerant at **0.22 oz/ft.**				
QUATERNITY				
9 MBH	4.92	32.8	26.2	-
12 MBH	4.92	32.8	26.2	-
15 MBH	4.92	32.8	26.2	-
Multi-Zone MXS series and Daikin *AURORA* series				
2MXL18QMVJU(A)	4.92	164.0	49.2	98.4
2MXS18NMVJU(A)	4.92	164.0	49.2	98.4
3MXL24RMVJU(A)	4.92	229.6	49.2	131.6
3MXS24RMVJU(A)	4.92	229.6	49.2	131.6
4MXL36TVJU	4.92	229.6	49.2	131.6
4MXS36RMVJU(A)	4.92	229.6	49.2	131.6
5MXS48TVJU	4.92	262	49.2	131.6
RMXS48LVJU**	4.92	N/A	N/A	N/A
Additional refrigerant required for refrigerant pipe exceeding the chargeless amount listed above. Charge additional refrigerant at **0.22 oz/ft.** Refer to the installation manual for piping rules for the RMXS48LVJU**.				

* Chargeless piping is the length of refrigerant piping between an indoor and outdoor unit that is pre-charged with refrigerant. Refer to the installation manual if installation requires longer piping length.

Piping Lengths

Indoor Unit	Max Length (ft.)	Max Height (ft.)	Chargeless (ft)**	FTQ Additional Charge (lbs.)*
FAQ, FBQ, FCQ, FHQ, FTQ & RZQ_RZR_TAVJU(A)				
18 MBH	164	98.4	15	0.1
24 MBH	164	98.4	15	0.1
30 MBH	230	98.4	15	0.71
36 MBH	230	98.4	15	0.71
42 MBH	230	98.4	15	1.05
48 MBH	230	98.4	15	1.05

Charge additional refrigerant at **liquid piping length (ft) x 0.036**

* Add additional charge for FTQ regardless of piping length

** Chargeless piping is the length of refrigerant piping between an indoor and outdoor unit that is pre-charged with refrigerant. Refer to the installation manual if installation requires longer piping length.

Piping Sizes

Single and Multi-Zone Systems

Indoor Unit	Outdoor Unit	Liquid (in)	Gas (in)
17 series			
FTX(K)B09/12AXVJU	RX(K)B09/12AXVJU	Ø ¼	Ø ⅜
FTX(K)B18AXVJU	RX(K)B18AXVJU	Ø ¼	Ø ½
FTX(K)B24AXVJU	RX(K)B24AXVJU	Ø ¼	Ø ⅝
19 series			
FTX(K)09/12AXVJU	RX(K)09/12AXVJU	Ø ¼	Ø ⅜
FTX(K)18AXVJU	RX(K)18AXVJU	Ø ¼	Ø ½
FTX(K)24AXVJU	RX(K)24AXVJU	Ø ¼	Ø ⅝
Daikin *EMURA* Single Zone series			
FTXR09/12TVJUW/S	RX09/12RMVJU9	Ø ¼	Ø ⅜
FTXR18TVJUW/S	RX18RMVJU9(A)	Ø ¼	Ø ½
Daikin *AURORA* Single Zone series			
FTX09NMVJU / FVXS09NVJU	RXL09QMVJU		
FTX12NMVJU / FVXS12NVJU FDMQ12RVJU	RXL12QMVJU(9)	Ø ¼	Ø ⅜
FTX15NMVJU / FVXS15NVJU	RXL15QMVJU(A)	Ø ¼	Ø ⅜
FTX18UVJU / FDMQ18RVJU	RXL18UMVJU(A)	Ø ¼	Ø ½
FTX24UVJU / FDMQ24RVJU	RXL24UMVJU(A)	Ø ¼	Ø ⅝
LV series			
FTXS09LVJU / FDXS09LVJU	RXS09LVJU	Ø ¼	Ø ⅜
FTXS12LVJU / FDXS12LVJU	RXS12LVJU	Ø ¼	Ø ⅜
FTXS15/18LVJU	RXS15/18LVJU	Ø ¼	Ø ½
FTXS24LVJU	RXS24LVJU	Ø ¼	Ø ⅝
FDMQ			
FDMQ09/12RVJU	RX09/12RMVJU9	Ø ¼	Ø ⅜
FDMQ15/18RVJU	RX15/18RMVJU(9)(A)	Ø ¼	Ø ½
FDMQ24RVJU	RX24RMVJU(A)	Ø ¼	Ø ⅝
***QUATERNITY* series**			
FTXG09/12/15HVJU	RXG09/12/15HVJU	Ø ¼	Ø ⅜
Daikin *VISTA* series			
FFQ09/12Q2VJU	RX09/12RMVJU(9)	Ø ¼	Ø ⅜
FFQ15/18Q2VJU	RX15/18RMVJU(9)	Ø ¼	Ø ½
NV series/LV series 30-36			
FTX30/36NVJU	RX30/36NMVJU(A)	Ø ¼	Ø ⅜
FTX30/36NVJU	RK30/36NMVJU(A)	Ø ¼	Ø ⅜
FTXS30/36LVJU	RKS30/36LVJU	Ø ⅜	Ø ⅝
MXS/MXL series			
	2MXS18NMVJU(A) / 2MXL18QMVJU(A)	Ø ¼ (2)	Ø ⅜ (1) / Ø ½ (1)
	3MXS2RMVJU(A) / 3MXL24RMVJU(A)	Ø ¼ (3)	Ø ⅜(1) / Ø ½(2)
	4MXS36RMVJU(A) / 4MXL36TVJU	Ø ¼ (4)	Ø ⅜ (1) / Ø ½ (2) Ø ⅜ (1)
	5MXS48TVJU	Ø ¼ (5)	Ø ⅜ (1) / Ø ½ (2) Ø ⅜(2)
	RMXS48LVJU	Ø ⅜	Ø 3/4

Piping Sizes

Outdoor Unit			
Heat Pump	Cooling Only	Liquid (in)	Gas (in)
RZQ	RZR	Ø ⅜	Ø ⅝

Indoor Unit		
Model	Liquid (in)	Gas (in)
FAQ18TAVJU	Ø ⅜	Ø ⅝
FAQ24TAVJU	Ø ⅜	Ø ⅝
FBQ18PVJU	Ø ⅜†	Ø ⅝†
FBQ24PVJU	Ø ⅜	Ø ⅝
FBQ30PVJU	Ø ⅜	Ø ⅝
FBQ36PVJU	Ø ⅜	Ø ⅝
FBQ42PVJU	Ø ⅜	Ø ⅝
FBQ48PVJU	Ø ⅜	Ø ⅝
FCQ18TAVJU	Ø ⅜	Ø ⅝
FCQ24TAVJU	Ø ⅜	Ø ⅝
FCQ30TAVJU	Ø ⅜	Ø ⅝
FCQ36TAVJU	Ø ⅜	Ø ⅝
FCQ42TAVJU	Ø ⅜	Ø ⅝
FCQ48TAVJU	Ø ⅜	Ø ⅝
FHQ18PVJU	Ø ⅜	Ø ⅝
FHQ24PVJU	Ø ⅜	Ø ⅝
FHQ30PVJU	Ø ⅜	Ø ⅝
FHQ36MVJU	Ø ⅜	Ø ⅝
FHQ42MVJU	Ø ⅜	Ø ⅝
FTQ18TAVJU(D/A)	Ø ⅜	Ø ⅝
FTQ24TAVJU(D/A)	Ø ⅜	Ø ⅝
FTQ30TAVJU(D/A)	Ø ⅜	Ø ⅝
FTQ36TAVJU(D/A)	Ø ⅜	Ø ⅝
FTQ42TAVJU(D/A)	Ø ⅜	Ø ⅝
FTQ48TAVJU(D/A)	Ø ⅜	Ø ⅝

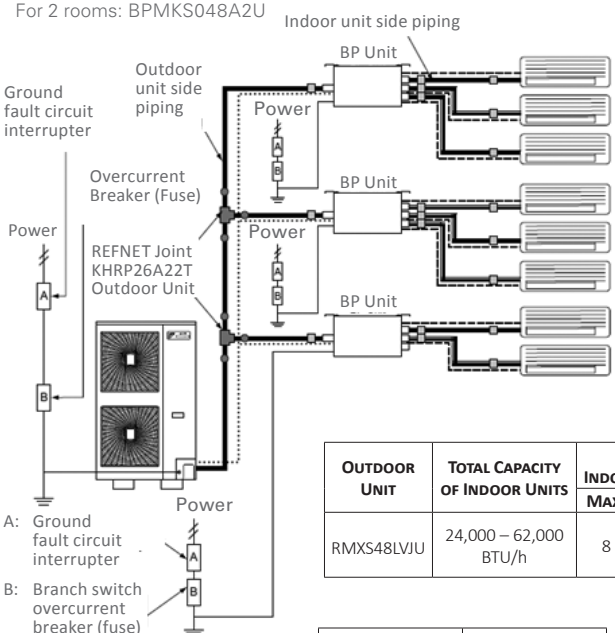
† Serial numbers before E005373 have Ø ¼ liquid and Ø ½ gas

System Layout

BP Unit model

For 3 rooms: BPMKS049A3U

For 2 rooms: BPMKS048A2U



Outdoor Unit	Total Capacity of Indoor Units	# of Indoor Units	
		Max.	Min.
RMXS48LVJU	24,000 – 62,000 BTU/h	8	2

BP Unit	Max. Capacity
BPMKS048A2U	48,000 BTU/h
BPMKS049A3U	62,000 BTU/h

Power supply line (3 wires) (60 Hz 208/230V)

Transmission line (2 wires)

Power supply and transmission line (4 wires)

Piping

Brazing connection

Flare connection

Piping Requirements			
Maximum allowable length	Between outdoor and BP units	Total piping length	Pipe length between outdoor and BP units ≤ 180 ft.
	Between BP and IU	Total piping length	Piping length between BP and indoor units: 262 ft.
	Between BP and IU	1 room length	Piping length between BP and indoor unit ≤ 49 ft.
Allowable height	Between outdoor and IU	Difference in height	Difference in height between outdoor and indoor units ≤ 98 ft.
	Between outdoor and BP units	Difference in height	Difference in height between outdoor and indoor units ≤ 98 ft.
	Between BP and BP units	Difference in height	Difference in height between BP and BP units ≤ 49 ft.
	Between IU and IU	Difference in height	Difference in height between indoor and indoor units ≤ 49 ft.
Minimum allowable length			Pipe length between outdoor unit and first refrigerant branch kit (REFNET joint) ≥ 16.4 ft.
Allowable length after the branch			Less than 131 ft from first refrigerant branch kit (REFNET joint) to indoor unit
Refrigerant branch kit selection refrigerant branch kits can only be used with R410A			Refrigerant branch kit (REFNET joint) name: KHRP26A22T
Pipe size selection Outer diameter (gas x liquid)			Between outdoor unit and first refrigerant branch kit: ¾ x ⅜
			Total connected indoor capacity >17000 BTU: ⅝ x ⅜
How to calculate the additional refrigerant to be charged: Additional refrigerant to be charged R (lb. /kg). R should be rounded off in units of 0.1 lb. (0.1kg).			(Total length (ft. / m) of liquid piping size at ⅜ inch) x 0.036 lb./ft + (Total length (ft. / m) of liquid piping size at ¼ inch) x 0.015 lb./ft

Low Ambient Cooling Operation

⚠WARNING – HIGH VOLTAGE

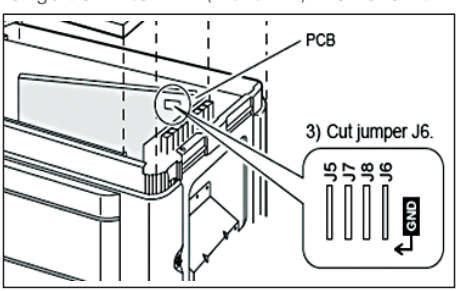
DISCONNECT ALL POWER BEFORE SERVICING. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

RK09-24NMVJU, RX09-24NMVJU, RXL09-15QMVJU, RK09-24AXVJU, RX09-24AXVJU

Cutting jumper 6 (J6) on the circuit board will expand the operation range down to 5°F (-15°C DB). However it will stop if the outdoor temperature drops below -4°F (-20°C) and start back up once the temperature rises again.

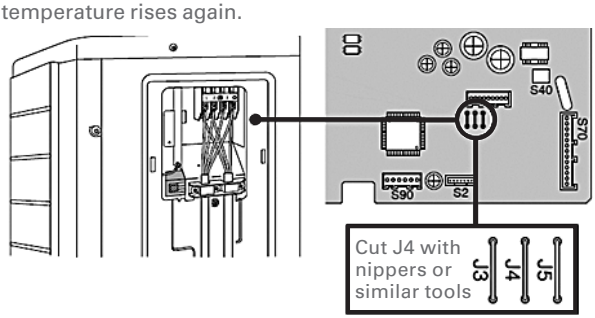
RX09-18 QMVJU, RX09-24 RMVJU(9)

Cutting jumper 6 (J6) on the circuit board will expand the operation range down to 14°F (-10°C DB). However it will stop if the outdoor temperature drops below -4°F (-20°F) and start back up once the temperature rises again.



RXS09, 12LVJU

Cutting jumper 4 (J4) on the circuit board will expand the operation range down to 14°F (-10°C). However it will stop if the outdoor temperature drops below -0.4°F (-18°C) and start back up once the temperature rises again.



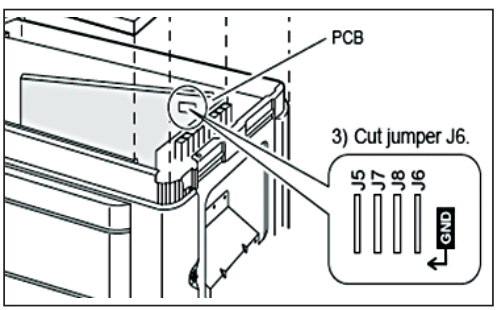
Low Ambient Cooling Operation

⚠WARNING – HIGH VOLTAGE

DISCONNECT ALL POWER BEFORE SERVICING. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

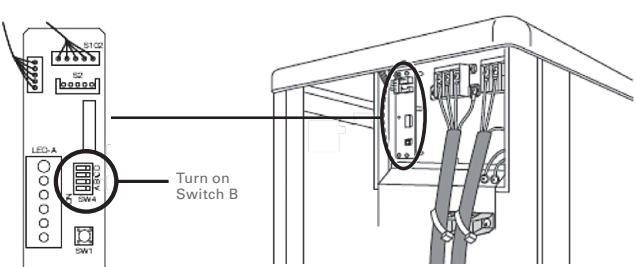
RXS15, 18LVJU

Cutting jumper 6 (J6) on the circuit board will expand the operation range down to 14°F (-10°C). However it will stop if the outdoor temperature drops below -0.4°F (-18°C) and start back up once the temperature rises again.



RXS24, 30, 36LVJU

You can expand the operation range to 14°F (-10°C) by turning on switch B (SW4) on the PCB. If the outdoor temperature falls to -0.4°F (-18°C) or lower, the operation will stop. If the outdoor temperature rises, the operation will start again.



Ultra-Low Ambient Operation

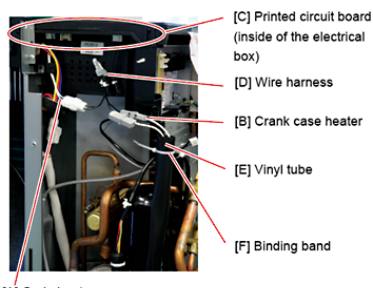
⚠WARNING – HIGH VOLTAGE

DISCONNECT ALL POWER BEFORE SERVICING. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

For RKS30, 36LVJU Systems
(P/N KEHC082A41 (RKS30) and KEHC082A42 (RKS36))

Installation of the Ultra Low Ambient Kit extends cooling operation down to -40°F DB. Refer to Installation Manual for full illustrative, step-by-step instructions.

1. Remove the top plate, right side plate, and front plates.
2. Turn on the facility setting switch by turning on Switch B (SW4) on the printed circuit board.
3. Attach the crank case heater to the compressor.
4. Attach the vinyl tube to the crank case heater.
5. Remove the electrical box and printed circuit board.
6. Attach the code heater.
7. Replace the printed circuit board.
8. Connect the wire harness to each heater's harness.
9. Affix the identification label and electrical wiring diagram label to the right side of the plate.
10. Reattach the top plate, right side plate, and front plates.
11. Check whether the unit is properly operating by conducting the forced cooling operation.



	INDOOR		OUTDOOR		
	EWB	EDB	-40 (°FDB)		
	°F	°F	TC	SHC	PI
30 MBH	57.2	68.0	21.70	16.92	0.46
36 MBH	57.2	68.0	22.41	17.47	0.50

Trial Operation and Testing

For CTXG, FTXR, CTXS, FTXS, CDXS, FDXS, FVXS series

From Indoor Unit

1. Turn power on to outdoor unit and measure the supply voltage. Make sure it falls in the specified range.
2. Trial operation should be carried out in either cooling or heating mode.
   - » In cooling mode, select the lowest programmable temperature; in heating mode, select the highest programmable temperature.
   - » After trial operation is complete, set the temperature to a normal level (78°F to 82°F in cooling mode, 68°F to 75°F in heating mode).
   - » For protection, the system disables restart operation for three minutes after it is turned off.
   - » Carry out the test operation in accordance with the operation manual to ensure all functions and parts are working properly.

From Remote Controller

1. Press "ON/OFF" button to turn on the system.
2. Press "TEMP" button (2 locations) and "MODE" button at the same time.
3. Press "MODE" button twice.
4. ("7– " will appear on the display to indicate that trial operation mode is selected)
5. Trial operation terminates in approximately 30 minutes and switches into normal mode. To quit a trial operation, press "ON/OFF"button.

Trial Operation and Testing

For FTX(K) series

From Indoor Unit

1. Turn power on to outdoor unit and measure the supply voltage. Make sure it falls in the specified range.
2. Trial operation should be carried out in either cooling or heating mode.
   - » In cooling mode, select the lowest programmable temperature; in heating mode, select the highest programmable temperature.
   - » After trial operation is complete, set the temperature to a normal level (78°F to 82°F in cooling mode, 68°F to 75°F in heating mode).
   - » For protection, the system disables restart operation for three minutes after it is turned off.

From Remote Controller

1. Press the center of the "TEMP" button to turn and the "OFF" button on the remote controller at the same time.
2. Select "7-" (trial operation) with the "TEMP" ∧ or "TEMP" ∨ button.
3. Press the "FAN" button to enter the trial operation mode.
4. Press the "COOL" or "HEAT" button to start trial operation.
5. Trial operation terminates in approximately 30 minutes and switches into normal mode. To quit trial operation, press "OFF"button.

Fault Diagnosis by Wireless Remote Controller

For FTX(K), FVXS

From Indoor Unit

1. When CANCEL is held down for about 5 seconds, "88" blinks in the temperature display section.
2. Press CANCEL repeatedly until a continuous beep is produced.

   • The code indication changes as shown below, and notifies you with a long beep
   *Please see related service manual for troubleshooting based on the error code.

NOTE

» A short beep indicates non-corresponding codes

» To cancel the code display, hold CANCEL down for about 5 seconds.

The code display also clears it no button is pressed for 1 minute.

Fault Diagnosis by Wireless Remote Controller (cont.)

For FDMQ, FFQ, *SkyAir*

If unit stops due to an error, the operation indicating LED on the signal receiving part of indoor unit blinks. The error code can be determined by following the procedure described below. (The error code is displayed when an operation error has occurred. In normal condition, the error code of the last problem is displayed.)

1. Press **INSPECTION/TEST** button to enter inspection mode. Then the figure 0 blinks on the unit number display.
2. Press **UP** button or **DOWN** button and change the unit number until the receiver of the remote controller starts to beep.

   3 short beeps: Follow all steps below.

   1 short beep: Follow steps 3 and 4. Continue the operation in step 4 until you hear a continuous beep. This continuous beep indicates that the error code is confirmed.

   Continuous beep: There is no abnormality.
3. Press **MODE** button. The left 0 (upper digit) indication of the error code blinks.

Fault Diagnosis by Wireless Remote Controller (cont.)

For FDMQ, FFQ, *SkyAir*

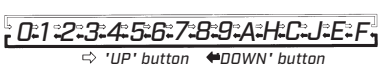
4. Press **UP** button or **DOWN** button to change the error code upper digit until the receiver of the indoor unit starts to beep. The upper digit of the code changes as shown below.

Continuous beep: Both upper and lower digits match. (Error code is confirmed.)

2 short beeps: The upper digit matches but the lower digit does not.

1 short beep: The upper digit does not match.

5. Press **MODE** button. The right 0 (lower digit) indication of the error code blinks.
6. Press **UP** button or **DOWN** button and change the error code lower digit until the receiver of the indoor unit generates a continuous beep. The lower digit of the code changes as shown below.



Continuous beep: Both upper and lower digits match. (Error code is confirmed.)

2 short beeps: The upper digit matches but the lower digit does not.

1 short beep: The upper digit does not match.

7. Press **MODE** button to return to the normal mode. If you do not press any button for 1 minute, the remote controller automatically returns to the normal mode.

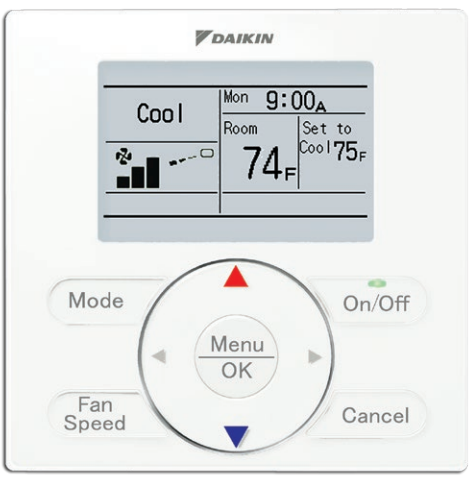
*Please see related service manual for troubleshooting based on the error code.

Fault Diagnosis by Wired Remote Controller

For FDMQ, FFQ, *SkyAir*

1. If operation stops due to malfunction, the remote controller's operation indicator blinks. The message "Error: Press Menu Button" will appear at the bottom of the screen.
2. Press Menu/Enter button, and malfunction code will be displayed.
   - Press Menu/Enter button, and malfunction history will be displayed in Main Menu mode.

*Please see related service manual for troubleshooting based on the error code.



Where to find Official Information?

Product Detail Single & Multi-Zone Systems		Eng. Data	Installation Manual	Operation Manual	Submittal	SVM
Features	Summary	◆				◆
Specification	Summary Table	◆				◆
	Electrical	◆			◆	
Drawings	Dimension	◆			◆	
	Piping	◆				◆
	Wiring	◆				◆
Performance	Ratings	◆			◆	◆
	Capacity Tables	◆				
	Piping	◆			◆	
	Airflow / ESP	◆			◆	
	Sound Level	◆			◆	
Installation	Piping	◆	◆			
	Wiring	◆	◆			
	Fundamentals	◆	◆			
	Charging	◆	◆			
Operation	How to use			◆		
	Controls			◆		◆
Accessories	Specification	◆				
	Installation	◆				
Set-up, Commissioning & Service	Test Operation		◆			◆
	Troubleshooting					◆
	Flow Charts					◆
	Replace Procedure					◆

Notes

Notes

DAIKIN

About Daikin:

Daikin Industries, Ltd. (DIL) is a global Fortune 1000 company which celebrated its 95th anniversary in May 2019. The company is recognized as one of the largest HVAC (Heating, Ventilation, Air Conditioning) manufacturers in the world. DIL is primarily engaged in developing indoor comfort products and refrigeration systems 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.

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