DAIKIN

ENERGY-INTELLIGENT™ TECHNOLOGY
HEATING AND COOLING SYSTEMS

01.16

DUCTLESS MINI-SPLIT
LIGHT COMMERCIAL • VRV

CATALOG

Daikin is the largest manufacturer of heating, cooling and refrigerant products in the world.

Daikin is recognized as a world leader in the manufacture of HVAC equipment and refrigerants. For over 90 years, Daikin has grown consistently and successfully due to the loyalty and success of our customers, as well as a track record of innovation and quality. Daikin is redefining home comfort in North America with some of the most technologically and aesthetically advanced solutions. These intelligent, energy efficient systems provide an unprecedented level of individual comfort and control.

Daikin is expansive in its manufacturing footprint. It is global, but with a local focus. We have operations around the world, with research and development, as well as production facilities in 70 countries. Using our advanced technology and expertise, Daikin has earned a reputation for excellence as an indoor comfort specialist in countries and regions spanning the globe by providing solutions for the needs of our customers. In the United States, we operate major manufacturing and research and development facilities in Texas, Tennessee, Minnesota, Alabama and Ohio.

Contents

Ductless Mini-Split Products

Why Ductless Mini-Split?

DAIKIN HAS A FOCUS AND TRACK RECORD OF QUALITY

With over ninety years of HVAC history since its founding, Daikin has created a global indoor comfort revolution with innovative new technologies and products that have brought firsts to the world. From the introduction of new compressor designs or new ways to precisely control refrigerant flow, Daikin strives to be a global leader by investing in technology. We bring this same focus on innovation to North America, applying our portfolio of product features from around the world to meet the challenges we face in North American homes and businesses.

Optimal design and comfort for the whole home

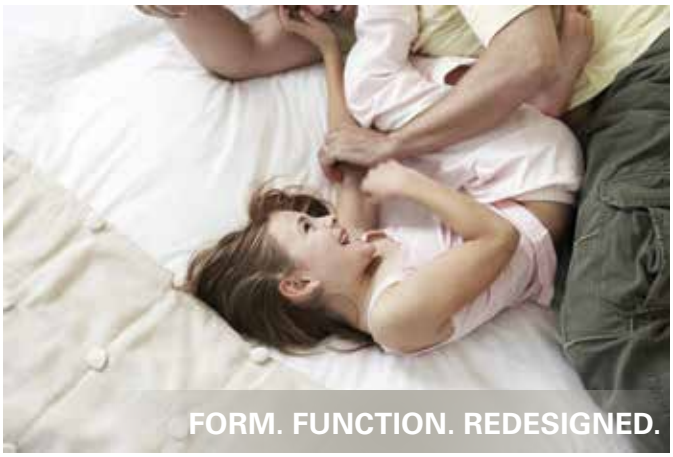
Integrated design
Daikin indoor mini-split units offer homeowners a discreet, modern design. The units' smooth curve blend beautifully with the wall resulting in an unobtrusive presence that matches virtually all interior décors.

Efficient and smart
Inside the mini-split design is a highly intelligent system, with innovative features designed to reduce power consumption. Some units offer whisper-quiet performance down to 19dB(A) to further to your sense of comfort.

Intelligent eye
The intelligent eye occupancy sensor, available on select models, controls comfort and conserves energy. If the room is empty for 20 minutes it changes the set point to start saving energy. As soon as someone enters the room, it immediately returns to the original setting. Regular use of this feature can provide additional energy savings of up to 20% or more compared to units without this feature.

Daikin mini-split systems offer dealers:

- High-quality, energy-efficient comfort solutions
- Opportunities to spend less time on installations and more time with new customers
- Differentiated product offerings that deliver improved customer satisfaction
- Superior warranties* and reduced call backs



As an innovation leader, Daikin is laying the foundation for next generation technology with multiple cutting-edge core technologies. In May 2013, Forbes Magazine recognized Daikin as an innovation leader, putting Daikin on its list of the 100 Most Innovative companies in the world.

Source: www.forbes.com

* Complete warranty details available from your local dealer or at www.daikincomfort.com

COMFORTABLE LIMITED WARRANTY* PROTECTION

15 Series	19 Series	LV Series	Quaternity	MXS Series	SkyAir (Light Commercial)
10 YEAR PARTS LIMITED WARRANTY	12 YEAR PARTS LIMITED WARRANTY	12 YEAR PARTS LIMITED WARRANTY	12 YEAR PARTS LIMITED WARRANTY	12 YEAR PARTS LIMITED WARRANTY	10 YEAR PARTS LIMITED WARRANTY

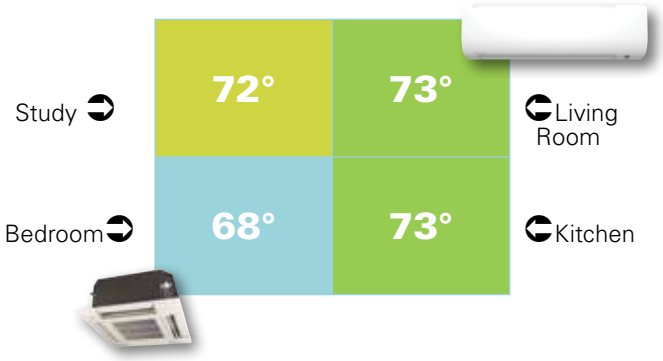
* Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 10-Year or 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.
If product installed in a commercial application, warranty is 5 years.

**No registration required. Complete warranty details available from your local dealer or at daikincomfort.com.

A full range of styles and options for every home, and every room

Daikin mini-split systems are an ideal solution to displace traditional systems in primary living spaces or for refurbishing and remodeling additional spaces. They have a modern design and are extremely quiet in operation.

Our heat pumps are all-in-one heating and cooling solutions, meaning comfortably warm in winter and cool in summer.



Smart Inverter technology

Daikin's inverter technology is a true innovation in the field of climate control. The principle is simple: inverters adjust the power used to suit the actual requirement – no more, no less! Mini-split systems deliver the capacity required to maintain desired room conditions, typically reducing energy consumption by up to 30% or more compared to traditional fixed-speed ducted systems. This technology minimizes temperature fluctuations and provides continuous cooling and heating comfort.

Whisper quiet

Daikin systems feature ultra-low indoor and outdoor operating sound levels. Daikin systems most often operate at low speeds with indoor sound levels as low as 19 decibels (dB) and outdoor sound levels as low as 49 dB. Activate the indoor unit quiet operation and sound levels drop by 2-3 dB for gentler heating and cooling, quiet operation.

Advanced Filtration

Long life, washable filters remove a wide range of airborne particles and decompose odors such as those from painting, cooking and smoking.

Heating Performance

Daikin systems provide heating performance with single and multi-zone Heating Seasonal Performance Factor's (HSPF's) as high as 12.5, making Daikin systems efficient and effective even in extreme environments. For added assurance on the coldest days, connect a Daikin ENVi thermostat and automatically control secondary heat sources.

Key Features and Benefits

Superior Comfort Control

Indoor Unit Quiet Operation.

Sound levels are reduced by 2-3 decibels (dB) from the low fan speed for quieter and gentler heating and cooling.

Outdoor Unit Quiet Operation.

Outdoor unit sound levels can be reduced by 3dB for times when quieter operation is needed.

Intelligent Eye.

The intelligent eye is an infrared sensor with the ability to sense movement in the room. When you are in the room, the air conditioner operates normally. If you leave the room for more than 20 minutes the air conditioner automatically changes to an energy-saving operation. Using the intelligent eye, savings of up to 20% in cooling and up to 30% in heating can be achieved.

Automatic Operation.


For unattended year-round comfort, this function allows the unit to automatically switch between heating and cooling modes as required. (heat pumps types only)

Program Dry Function.


This gives priority to reducing the level of humidity in the room rather than room temperature.

Auto Fan Speed.


To reduce operating sound and power consumption, the fan speed is automatically controlled by the micro-processor to suit the controller setting and prevailing room temperature.

Hot Start.

When the heating operation starts or when the unit changes from cooling to heating there is no cold draft released into the room.

Lifestyle Convenience

Econo Mode.

Limits the maximum operating current and power consumption of the outdoor unit by approximately 30% during start-up. This saves energy and reduces the load on the electrical circuit when multiple electrical devices are used simultaneously.

Powerful Operation.

Pushing the POWERFUL button on the remote control gives you a boost in cooling or heating power for a 20-minute period, even if the unit is already operating at high capacity.

Remote Controller with Back-lit Display.


Features a back-lit LCD and luminescent control buttons, allowing for easy viewing in dimly lit rooms.

Home Leave Operation.

Select this energy saving function when leaving the house and the air conditioner will operate at a pre-selected temperature. Your home can then be warmed or cooled much quicker upon your return. It can also be used to record your preferred (default) settings.

Indoor Unit On/Off Switch.

A convenient on/off switch on the indoor unit allows you to start up the system even if you have misplaced the remote control or the remote control batteries are exhausted.

Comfortable Airflow

Wide Angle Louvers.


Smoothly curved wide-angle louvers provide wide airflow coverage for effective heating and cooling no matter where the indoor unit is placed within the room.

Dual Flap System.


This system directs warm air to the floor in winter and cool air across the room in summer for maximum efficiency and comfort. The large flap governs airflow direction while the small flap (or diffuser) swings, producing fine air currents that help circulate the air around the room.

Comfortable Mode.

The new flap changes the delivery angle to horizontal for cooling and vertical for heating operation, to prevent cold or warm air from blowing directly onto your body.

Key Features and Benefits

Vertical Auto-Swing (up and down).

The vertical auto swing automatically sweeps the air across the room in an up and down motion. When the unit is switched off, the louvers close automatically.

Horizontal Auto-Swing (left and right).

Automatically moves to ensure an even distribution of air throughout a room.

3-D Airflow.

Combines vertical and horizontal auto-swing to circulate cool/warm air to the corners of large spaces.

Worry Free

Auto-Restart.

The unit memorizes the operation mode, airflow and temperature settings. Should there be a power failure when the unit is in operation, it will automatically return to the same operating conditions when the power is restored.

Self-Diagnosis.

In the event that a problem develops with the unit, malfunction codes can be displayed on the liquid crystal panel of the remote control for fast and easy fault diagnosis.

Anti-Corrosion.

The special anti-corrosion coating on the outdoor unit heat exchanger provides greater resistance to salt damage and atmospheric corrosion.

Comfortable and Clean

Air-Purifying Filter with Photocatalytic Deodorizing Function.

This combination operates as a highly-effective unit and can be used for up to three years if periodic maintenance is performed.

Titanium Apatite Photocatalytic Air-Purifying Filter.

This filter combines the air-purifying filter and titanium apatite photocatalytic deodorizing filter in a single highly effective unit. The filter removes a wide range of airborne particles and decomposes odors such as those from cooking, painting and smoking. The filter can last for up to three years without replacement if washed once every six months.

Specialized Air Filter.

The pre-filter net is impregnated with a safe, colorless and odorless agent that is intended to help reduce mold on the filter itself.

Wipe-Clean Flat Panel.

The flat panel models can be cleaned with only the single pass of a cloth across their smooth surface. The flat panel can also be easily removed for more thorough cleaning.

Timers

24-Hour On/Off Timer.

The timer can be preset to start and stop the air conditioner at any time within a 24-hour period. Once the times are set, the air conditioner can be operated for a period by simply pressing the ON or OFF timer buttons.

Weekly Timer.

The weekly timer function makes it easy to enter up to four settings per day for each day of the week. The weekly timer function not only allows you to program on and off time, but also the desired temperature.

Night Set Mode.

Through the use of the 'Timer-OFF Circuit', the preset room temperature gently rises in cooling or falls in heating before the unit stops. This energy-saving feature allows you to sleep comfortably without feeling a sudden change in the room temperature, while at the same time saving energy.

Keeping Warm

Quick Warming Function.

Preheats the compressor to shorten the time required to discharge warm air.

Automatic Defrosting.

Sensor performs automatic defrosting of the outdoor heat exchanger if necessary, ensuring optimum heating performance.

Ductless Products Split System Features

			Single Split					Multi-Split					
Type			HP/AC	HP/AC	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump
Models			FTXN_NM	FTX_NM	FDXS_LV	FTXS_LV	FTXG_H	FDXS_LV	CDXS_LV	CTXS_H	CTXS_LV	FTXS_LV	FFQ_LV
			■	■	■	■	■						
Comfortable Airflow		Power Airflow Dual Flaps				■	■			■	■	■	
	WIDE ANGLE	Wide Angle Louvers	■	■		■	■			■	■	■	
		Vertical Auto Swing (up and down)	■	■		■	■			■	■	■	■
		Horizontal Auto Swing (left and right)				■	■			■	■	■	
	3-D	3-D Airflow				■	■			■	■	■	
		Comfortable Mode	■	■		■	■				■	■	
Comfort Control		Indoor Unit Quiet Operation	■	■	■	■	■	■	■	■	■	■	
		Outdoor Unit Quiet Operation			■	■		■	■	■	■	■	■
		Intelligent Eye				■				■	■	■	
		Automatic Operation	■	■	■	■	■	■	■	■	■	■	■
		Program Dry Function	■	■	■	■	■	■	■	■	■	■	■
		Auto Fan Speed	■	■	■	■	■	■	■	■	■	■	
		Hot Start	■	■	■	■	■	■	■	■	■	■	■
Comfortable and Clean		Specialized Air Filter	■	■	■	■	■	■	■	■	■	■	■
		Air Purifying Filter with Photocatalytic Deodorizing Function								■			
		Titanium Apatite Photocatalytic Air Purifying Function		■		■	■				■	■	
		Wipe Clean Flat Panel	■	■		■	■			■	■	■	
Lifestyle		Standby Electricity Saving	■	■	■	■		■	■			■	
		Econo Mode	■	■	■	■		■	■		■	■	
		Powerful Operation	■	■	■	■	■	■	■	■	■	■	
	BACK LIT	Remote Controller with Back-lit Display		■	■	■		■	■	■	■	■	
		LCD Wireless Remote Control	■	■	■	■	■	■	■	■	■	■	
		Home Leave Operation								■			
		Indoor Unit On/Off Timer	■	■	■	■	■	■	■	■	■	■	■
Timers		24 Hour On/Off Timer	■	■	■	■	■	■	■	■	■	■	
		Weekly Timer				■					■	■	
		Night Set Mode	■	■	■	■	■	■	■	■	■	■	
Worry Free		Auto Restart after Power Failure	■	■	■	■	■	■	■	■	■	■	■
		Self Diagnosis with Digital Display	■	■	■	■	■	■	■	■	■	■	■
		Anti-corrosion Treatment of Outdoor Heat Exchanger Fin	■	■	■	■	■	■	■	■	■	■	■

Innovative Controls Solutions

Control your system from anywhere . . .

Daikin ENVi (DACA-TS1-1)

The Daikin ENVi Intelligent Thermostat is an intelligent, user-friendly residential control offering that gives the homeowner full access to comfort control at or away from home. With supported Wi-Fi connectivity, homeowners can monitor and control their Daikin systems via PC through the User Web Portal or Daikin ENVi apps available via smart phone and/or Internet-enabled tablet on Apple, Android and Blackberry devices.

Easy-to-use
User-friendly interface makes it easy to set up a personalized program, adjust settings, and make adjustments anytime, anywhere.

Nature
Save money on utility bills and reduce energy consumption (as compared to non-scheduled systems) with the weekly schedule.

Intelligent
Receive automatic alerts and reminders for service due dates, filter changes, and more.

Display

- Room temperature/relative humidity display
- Outdoor temperature and weather forecast
- Function
- Cool, heat, and auto modes with dual set points
- Weekly scheduling
- Setback control
- Hold, quick save, and vacation settings
- Fan on/auto, fan speed, and louver direction
- Error code with plain text explanation
- Wi-Fi enabled
- Auxiliary heat control and programming

Always in Control – no matter where you are.

Hand-held Controller Wireless

Hand-held controllers, included with most indoor units, provide flexible control of Daikin ductless systems including: temperature control, operating modes, weekly programming, and more.

Navigation Remote Controller (Wired) BRC1E73

The Navigation Remote Controller offers scalable control architecture optimized for Daikin FFQ ductless and SkyAir systems. The wall-mounted controller features a back-lit LCD display as well as intuitive menus. The menu displays are available in English, French, or Spanish languages.

15 Series

Wall Mounted Air Conditioner & Heat Pump 15 SEER | 8.2 HSPF

COMFORTABLE LIMITED WARRANTY* PROTECTION

* Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.
If product installed in a commercial application, warranty is 5 years.

Daikin 15 and 19 Series wall-mounted units use the latest technology combined with advanced engineering and design to make them ideal for any room in the house. Blending easily with the interior décor and providing quiet operation, these units provide optimal climate control throughout the year.

DUCTLESS SINGLE SPLIT WALL-MOUNTED HEAT PUMP AND COOLING ONLY SYSTEMS

Variable Speed

Designed for *Comfort for Life*, both Daikin 15 and 19 Series units include advanced features to ensure a comfortable experience every moment. From the wide angle louver design to the auto-swing and comfortable mode controller settings, effective heating and cooling is ensured throughout the space. These Daikin heat pumps and air conditioners are designed to blend in discreetly with any home design and are ideal for single rooms, enhancements and additions up to 1,500 square feet.**

** Equipment selection should always be based on detailed load calculation performed by a qualified technician.

15 SEER | 8.2 HSPF

Comfort features of 15 Series

Energy Efficient – 15 SEER, 8.2 HSPF, up to 12.2 EER for ultra-efficient cooling and heating operation and reduced operating costs compared to conventional lower-efficiency systems.

Heat Pump and Air Conditioning models available with capacity ranges from .75-to 2-tons, sizes: 09, 12, 18, 24k btu/h.

Undisturbed Comfort – Indoor and outdoor units offer exceptionally low sound levels as low as 49 dbA outdoors and as low as 19dbA indoors.

Wireless Remote Control – Hand held remote with back-lit LCD display for automatic airflow adjustment eliminates the need for manual duct adjustments.

Ideal solution for:

- Renovations, remodeling and new construction
- Sun rooms, basements, attics, garages, hot or cold rooms, and more

Quick and easy installation for a broad range of applications

ARC480A7 – 15 Series AC shown, ARC480A6 for Heat Pump

15 Series Standard Features			
Inverter Compressor	✓	208/230/1 Power Supply	✓
Cooling Range 50° - 115° F	✓	Wireless Remote Controller	✓
Heating Range 5° - 75° F	✓	Backlit LCD Wireless Remote Controller	
Cooling Range 0° - 115° F (w/ Wind Baffle)		Outdoor Unit Quiet Operation	✓
Heating Range -4° - 75° F (w/ Drain Pan Heater)		Auto Changeover (Heat Pump Only)	✓
Indoor Sound Pressure as Low as 19 dB(A)	✓	Auto Fan Speed Control	✓
Outdoor Sound Pressure as Low as 46 dB(A)	✓	Self Diagnostics with Digital Display	✓
Washable Air Filter	✓	Auto Restart after Power Failure	✓
Air Purifying Filter Set		Anti-Corrosion Heat Exchanger Treatment	✓
Program Dry Function	✓	Max Piping (09/12 MBH): 66' L, 49' H	✓
Econo Mode	✓	Max Piping (18/24 MBH): 98' L, 66' H	✓
Powerful Operation Mode	✓	Precharged for up to 33 ft of Liquid Line	✓

Optional Accessories	
Indoor Unit	
ARC480A6	15 Series HP Wireless Remote Controller (Included)
ARC480A7	15 Series AC Wireless Remote Controller (Included)
BRC944B2-A08	Wired Remote Controller with 26' cord
KRP067A41	Adaptor for Connection of Wired Controllers(09/12 MBH Only)
KAF970A45	Titanium apatite photocatalytic air-purifying filter WITH frame
KAF970A46	Titanium apatite photocatalytic air-purifying filter WITHOUT frame
KRP980B2	Adaptor for Connection of Wired Controllers (18/24 MBH Only)
DACA-TS1-1	Daikin ENVi Intelligent Thermostat Kit
DACA-CP3-1	Condensate Pump with Integral Float Switch
Outdoor Unit	
DACA-WB-1	Powder Coated Wall Mounted Bracket
KPW063A4	Air direction adjustment grille (18 & 24)
KPW937E4	Air direction adjustment grille (09 & 12)
KKG067A41	Back protection wire net (09 & 12)
KKG063A42	Back protection wire net (18 & 24)
KKG063A43	Side protection wire net (18 & 24)

Wall-Mounted Units

15 SEER | 8.2 HSPF

15 SERIES SYSTEM PERFORMANCE					
Nominal Capacity Class		**9,000**	**12,000**	**18,000**	**24,000**
Cooling Capacity (Rated)	BTU/h	9,000	12,000	17,100	22,000
Cooling Capacity (Min – Max)	BTU/h	4,400-10,200	4,400-13,000	5,100-18,000	5,100-23,000
Heating Capacity (Rated)*	BTU/h	9,000	12,000	18,000	22,000
Heating Capacity (Min – Max)*	BTU/h	4,400-10,000	4,400-14,000	5,100-19,100	5,100-25,400
Efficiency	SEER	15	15	15	15
	COP	3.9	3.9	3.8	3.6
	EER	10.4	10.5	12.2	9.2
	HSPF*	8.2	8.2	8.2	8.2
Electrical Data					
Power Supply	V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Minimum Circuit Amps Cooling Only	A	7.9	8.6	9.5	18.3
Minimum Circuit Amps Heat Pump	A	10.1	10.1	13.3	18.3
Maximum Overcurrent Protection	A	15	15	15	20
Power Consumption - Cooling	kW	0.9	1.1	1.4	2.4
Power Consumption - Heating*	kW	0.7	0.9	1.4	1.8
INDOOR WALL-MOUNTED UNITS					
Indoor Model Name	**Cooling Only**	**FTKN09NMVJU**	**FTKN12NMVJU**	**FTKN18NMVJU**	**FTKN24NMVJU**
	Heat Pump	**FTXN09NMVJU**	**FTXN12NMVJU**	**FTXN18NMVJU**	**FTXN24NMVJU**
Moisture Removal	Q/hr	1.3	1.8	4.1	4.8
Airflow-Wet (H/M/L/SL)	CFM	403/286/219/145	424/300/247/141	713/579/455/417	713/579/491/417
Airflow-Dry (H/M/L/SL)*	CFM	406/318/247/215	413/321/247/212	660/568/470/420	745/604/470/420
Sound Pressure - Cooling (H/M/L/SL)	dB(A)	43/35/27/19	44/36/30/19	48/44/38/33	51/45/39/34
Sound Pressure - Heating (H/M/L/SL)*	dB(A)	43/35/28/25	44/36/29/26	48/42/37/33	41/43/37/34
Piping Connections – Liquid (O.D.)	in.	Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4
Piping Connections – Gas (O.D.)	in.	Ø 3/8	Ø 3/8	Ø 1/2	Ø 5/8
Piping Connections – Condensate Drain	in.	Ø 5/8	Ø 5/8	Ø 11/16	Ø 11/16
Dimensions (H x W x D)	in.	11 1/4 x 30 3/8 x 8 3/4		11 5/8 x 39 x 10 3/8	
Net Weight	lbs.	18	18	26	26
OUTDOOR UNITS					
Model Name	**Cooling Only**	**RKN09NMVJU**	**RKN12NMVJU**	**RKN18NMVJU**	**RKN24NMVJU**
	Heat Pump	**RXN09NMVJU**	**RXN12NMVJU**	**RXN18NMVJU**	**RXN24NMVJU**
Sound Pressure Level: Cooling/Heating*	dB(A)	46/48	49/49	54/54	55/55
Operating Range - Cooling	°F DB	50 - 115	50 - 115	50 - 115	50 - 115
Operating Range - Heating*	°F DB	5 - 75	5 - 75	5 - 75	5 - 75
Max. Piping Length	ft.	49	49	98.4	98.4
Max. Piping Height	ft.	39	39	65.6	65.6
Dimensions (H x W x D)	in.	21 5/8 x 26 1/2 x 11 1/8		29 x 34 1/4 x 12 5/8	
Net Weight	lbs.	53	53	97	97

* Applicable to heat pump models only

19 Series

Wall Mounted Air Conditioner & Heat Pump Up to 19 SEER | 9.0 HSPF

COMFORTABLE LIMITED WARRANTY* PROTECTION

* Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.
If product installed in a commercial application, warranty is 5 years.

ENERGY STAR® and the **ENERGY STAR** mark are registered trademarks owned by the U.S. Environmental Protection Agency. **ENERGY STAR** products are third-party certified by an EPA-recognized Certification Body. Products that earn the **ENERGY STAR** prevent greenhouse gas emissions by meeting strict energy efficiency guidelines set by the U.S. Environmental Protection Agency.

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.

19 SEER | 9.0 HSPF

Comfort features of 19 Series

Energy Efficient – Up to 19 SEER, 9.0 HSPF, up to 12.5 EER for ultra-efficient cooling and heating operation and reduced operating costs compared to conventional lower-efficiency systems. Heat Pump and Cooling Only models available.

Capacity ranges from .75-to 2-tons›
Sizes: 09, 12, 18, 24k btu/h

Undisturbed Comfort – Indoor and outdoor units offer exceptionally low sound levels as low as 49 dbA outdoors and as low as 19dbA indoors.

Advanced Filtration – Long life, washable filters remove a wide range of airborne particles and decompose odors such as those from painting, cooking and smoking.

Wireless Remote Control – Hand held remote with back-lit LCD display for automatic airflow adjustment eliminates the need for manual duct adjustments.

Ideal solution for:

› Living rooms, bedrooms, primary living spaces

› Renovations, remodeling and new construction

› Sun rooms, basements, attics, garages, hot or cold rooms, and more

Enhanced Drain Pan – 15 and 19 Series models feature an enhanced drain pan with optimal drainage for reduced ice build-up in extreme conditions.

19 Series Standard Features			
Inverter Compressor	✓	208/230/1 Power Supply	✓
Cooling Range 50° - 115° F		Wireless Remote Controller	
Heating Range 5° - 75° F		Backlit LCD Wireless Remote Controller	✓
Cooling Range 0° - 115° F (w/ Wind Baffle)	✓	Outdoor Unit Quiet Operation	✓
Heating Range -4° - 75° F (w/ Drain Pan Heater)	✓	Auto Changeover (Heat Pump Only)	✓
Indoor Sound Pressure as Low as 19 dB(A)	✓	Auto Fan Speed Control	✓
Outdoor Sound Pressure as Low as 46 dB(A)	✓	Self Diagnostics with Digital Display	✓
Washable Air Filter	✓	Auto Restart after Power Failure	✓
Air Purifying Filter Set	✓	Anti-Corrosion Heat Exchanger Treatment	✓
Program Dry Function	✓	Max Piping (09/12 MBH): 66' L, 49' H	✓
Econo Mode	✓	Max Piping (18/24 MBH): 98' L, 66' H	✓
Powerful Operation Mode	✓	Precharged for up to 33 ft of Liquid Line	✓

Optional Accessories	
Indoor Unit	
ARC480A8	19 Series HP Wireless Remote Controller (Included)
ARC480A9	19 Series AC Wireless Remote Controller (Included)
BRC944B2-A08	Wired Remote Controller with 26' cord
KRPO67A41	Adaptor for Connection of Wired Controllers (09/12 MBH Only)
KAF970A45	Titanium apatite photocatalytic air-purifying filter WITH frame
KAF970A46	Titanium apatite photocatalytic air-purifying filter WITHOUT frame
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DACA-TS1-1	Daikin ENVi Intelligent Thermostat Kit
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Outdoor Unit	
DACA-WB-1	Powder Coated Wall Mounted Bracket
KPW063A4	Air direction adjustment grille (18 & 24)
KPW937E4	Air direction adjustment grille (09 & 12)
KEH067A41E	Daikin BMS DrainPan Heater Small RX09,12 & RXN09,12
KEH063A4E	Daikin BML DrainPan Heater Large RX18,24 & RXN18,24
KKG067A41	Back protection wire net (09 & 12)
KKG063A42	Back protection wire net (18 & 24)
KKG063A43	Side protection wire net (18 & 24)

ARC480A9 – 19 Series AC shown, ARC480A8 for Heat Pump

Wall-Mounted Units

Up to 19 SEER | 9.0 HSPF

19 SERIES SYSTEM PERFORMANCE					
Nominal Capacity Class		**9,000**	**12,000**	**18,000**	**24,000**
Cooling Capacity (Rated)	BTU/h	9,000	10,900	18,000	21,200
Cooling Capacity (Min – Max)	BTU/h	4,400-10,200	4,400-13,300	5,500-20,000	5,500-24,000
Heating Capacity (Rated)*	BTU/h	10,000	13,500	21,600	24,000
Heating Capacity (Min – Max)*	BTU/h	4,400-13,000	4,400-16,400	5,500-24,000	5,800-27,600
Efficiency	SEER	19	19	18	18
	COP	4.1	3.8	3.6	3.5
	EER	12.5	12.5	12.5	12.5
	HSPF*	9	9	9	9
Electrical Data					
Power Supply	V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Minimum Circuit Amps	A	12.1	12.2	18.3	18.3
Maximum Overcurrent Protection	A	15	15	20	20
Power Consumption - Cooling	kW	0.7	0.9	1.4	1.7
Power Consumption - Heating*	kW	0.7	1.0	1.8	2.0

INDOOR WALL-MOUNTED UNITS						
Indoor Model Name		**Cooling Only**	**FTK09NMVJU**	**FTK12NMVJU**	**FTK18NMVJU**	**FTK24NMVJU**
		Heat Pump	**FTX09NMVJU**	**FTX12NMVJU**	**FTX18NMVJU**	**FTX24NMVJU**
Moisture Removal		Q/hr	1.3	1.8	4.1	4.8
Airflow-Wet (H/M/L/SL)		CFM	417/297/244/141	434/311/247/145	713/579/448/403	713/579/512/403
Airflow-Dry (H/M/L/SL)*		CFM	403/328/251/215	413/321/258/219	745/604/470/420	745/604/470/420
Sound Pressure - Cooling (H/M/L/SL)		dB(A)	43/36/30/19	45/37/30/19	49/44/38/33	53/45/39/34
Sound Pressure - Heating (H/M/L/SL)*		dB(A)	43/36/29/25	45/37/30/26	49/42/37/33	53/43/37/34
Piping Connections	Liquid (O.D.)	in.	Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4
	Gas (O.D.)	in.	Ø 3/8	Ø 3/8	Ø ½	Ø 5/8
	Condensate Drain	in.	Ø 5/8	Ø 5/8	Ø $^{11}/_{16}$	Ø $^{11}/_{16}$
Dimensions (H x W x D)		in.	11¼ x 30$^{5}/_{8}$ x 8¾		11$^{5}/_{8}$ x 39 x 10$^{3}/_{8}$	
Net Weight		lbs.	18	18	26	26

OUTDOOR UNITS						
Model Name	**Cooling Only**		**RK09NMVJU**	**RK12NMVJU**	**RK18NMVJU**	**RK24NMVJU**
	Heat Pump		**RX09NMVJU**	**RX12NMVJU**	**RX18NMVJU**	**RX24NMVJU**
Sound Pressure Level - Cooling/Heating*		dB(A)	46/48	49/49	54/54	55/55
Operating Range - Cooling		°F DB	50 - 115	50 - 115	50 - 115	50 - 115
Operating Range - Low Ambient Cooling**		°F DB	14 - 115	14 - 115	14 - 115	14 - 115
Operating Range - Cooling with Optional Wind Baffle**		°F DB	0 - 115	0 - 115	0 - 115	0 - 115
Operating Range - Heating*		°F DB	5 - 75	5 - 75	5 - 75	5 - 75
Operating Range - Heating with Optional Drain Pan Heater		°F DB	-4 - 75	-4 - 75	-4 - 75	-4 - 75
Max. Piping Length		ft.	65.6	65.6	98.4	98.4
Max. Piping Height		ft.	49.2	49.2	65.6	65.6
Dimensions (H x W x D)		in.	21$^{5}/_{8}$ x 26½ x 11$^{1}/_{8}$		29 x 34¼ x 12$^{5}/_{8}$	
Net Weight		lbs.	55	60	97	108

* Applicable to heat pump models only

** Cutting a jumper is required. Refer to installation manual.

LV Series

Wall Mounted

Up to 24.5 SEER | 12.5 HSPF

COMFORTABLE LIMITED WARRANTY* PROTECTION

* Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.
If product installed in a commercial application, warranty is 5 years.

Intelligent eye technology
Intelligent eye feature detects movement and automatically changes to an energy saving mode when movement is not detected for over 20 minutes.

Up to 24.5 SEER | 12.5 HSPF

Premium comfort features of LV Wall Mount and LV Slim Duct

Energy Efficient –

LV Wall Mount – Up to 24.5 SEER, 12.5 HSPF and 15.1 EER

LV Slim Duct –Up to 15.5 SEER, 10.5 HSPF and 11.2 EER

Both units offer ultra-efficient cooling and heating operation and exceptional savings on utility bills compared to conventional lower-efficiency systems.

Advanced Filtration – Long life, washable filters remove a wide range of airborne particles and decompose odors, such as those from cooking, painting and smoking.

Quiet Operation – LV Slim Duct indoor and outdoor units offer exceptionally low sound levels for premium comfort without the noise.

Wireless Control – Hand held remote features an LCD screen with back-lit display, Econo Mode, Powerful Mode, and more.

Horizontal Auto Swing – LV Wall Mount has left and right auto swing and a weekly timer.

ASK ABOUT ENERGY STAR

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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.

LV Series Standard Features
Inverter Compressor
208/230/1 Power Supply
Cooling Operating Range 0° - 115° F (With Wind Baffle)
Heating Operating Range 0° - 77° F (w/ Drain Pan Heater)
Precharged for up to 32 ft of Liquid Line
Indoor Sound Pressure as Low as 26 dB(A)
Outdoor Sound Pressures as Low as 48 dB(A)
Program Dry Function
Powerful Operation
Intelligent Eye Occupancy Sensor†
Backlit LCD Wireless Remote Controller
3-D Airflow†
Weekly Timer†
Outdoor Unit Quiet Operation
Auto Changeover
Auto Fan Speed Control
Self Diagnostics with Digital Display
Auto Restart after Power Failure
Anti-Corrosion Treatment on Heat Exchanger
Max Piping (09/12 MBH): 66' Length, 49' Height
Max Piping (15/18/24 MBH): 98' Length, 66' Height

† Wall-Mounted Models Only

Optional Accessories	
Indoor Unit	
BRC944B2-A08	Wired Remote Controller
DACA-ARCW901P10	IR Receiver Cable, Plenum Rated, 10ft (FDXS Only)
DACA-ARCW901P25	IR Receiver Cable, Plenum Rated, 25ft (FDXS Only)
DACA-TS1-1	Daikin ENVi Intelligent Thermostat Kit
DACA-CP1-1	Condensate Pump (Fits inside all Daikin indoor unit heads)
Outdoor Unit	
DACA-WB-3	Powder Coated Wall Mounted Bracket
KEH041A41	Drain Pan Heater RXS09_12LV
KEH041A42	Drain Pan Heater RXS15_18LV
KEH041A43	Drain Pan Heater RXS24LV
KKP937A4	Drain Plug for OD Unit
KPW937C4	Low Ambient Wind Baffle (09/12 MBH)
KPW945A4	Low Ambient Wind Baffle (15/18/24 MBH)

Wall-Mounted Units

Up to 24.5 SEER | Up to 12.5 HSP

LV SERIES HIGH EFFICIENCY SYSTEM PERFORMANCE						
Nominal Capacities			**0.75 Ton**	**1.0 Ton**	**1.25 Ton**	**1.5 Ton**	**2.0 Ton**
Cooling Capacity (Rated)		BTU/h	9,000	12,000	15,000	18,000	21,500
Cooling Capacity (Min – Max)		BTU/h	4,400 - 10,600	4,800 - 13,800	5,800 - 18,000	5,800 - 21,600	7,800 - 25,800
Heating Capacity (Rated)		BTU/h	9,000	14,400	15,000	18,000	25,400
Heating Capacity (Min – Max)		BTU/h	4,400 - 15,600	4,800 - 18,000	5,800 - 22,300	5,800 - 26,700	7,800 - 31,400
Efficiency		SEER	24.5	23	20.6	20.3	20
		COP	4.5	4.4	4	3.7	3.4
		EER	15.3	12.8	14.4	12.7	12.5
		HSPF	12.5	12.5	11.6	11	10.6
Electrical Data							
Power Supply		V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Minimum Circuit Amps		A	8	8.8	13.8	13.8	17.5
Maximum Overcurrent Protection		A	15	15	20	20	20
Power Consumption - Cooling		W	590	940	1,040	1,420	1,720
Power Consumption - Heating		W	790	970	1,320	1,710	2,210
INDOOR UNITS - FTXS_LVJU WALL-MOUNTED UNITS							
Model Name			**FTXS09LVJU**	**FTXS12LVJU**	**FTXS15LVJU**	**FTXS18LVJU**	**FTXS24LVJU**
Moisture Removal		gal/h	0.3	0.5	0.8	1	1.2
Airflow-Wet (H/M/L/SL)		CFM	381/279/194/145	403/307/205/155	568/477/385/360	583/484/385/360	643/494/350/328
Airflow-Dry (H/M/L/SL)		CFM	420/321/233/219	438/335/240/212	593/505/417/371	625/526/431/399	699/572/445/403
Sound Pressure - Cooling (H/M/L/SL)		dB(A)	41/33/25/22	45/37/29/23	45/40/35/32	46/41/36/33	51/42/37/34
Sound Pressure - Heating (H/M/L/SL)		dB(A)	42/35/28/25	45/39/29/26	43/38/33/30	45/40/35/32	48/42/37/34
Piping Connections	Liquid (O.D.)	in.	Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4
	Gas (O.D.)	in.	Ø 3/8	Ø 3/8	Ø 1/2	Ø 1/2	Ø 5/8
	Condensate Drain	in.	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8
Dimensions (H x W x D)		in.	$11^{5}/_{8}$ x 31½ x $8^{7}/_{16}$		$13^{3}/_{8}$ x $41^{5}/_{16}$x 9¾		
Net Weight		lbs.	20	22	31	31	31
OUTDOOR UNITS - RXS_LVJU HEAT PUMP							
Model Name			**RXS09LVJU**	**RXS12LVJU**	**RXS15LVJU**	**RXS18LVJU**	**RXS24LVJU**
Sound Pressure Level - Cooling		dB(A)	47/43	49/44	47/44	49/46	52/49
Sound Pressure Level - Heating		dB(A)	48/44	49/45	48/45	49/46	52/49
Operating Range - Cooling		°F DB	14 - 115	14 - 115	14 - 115	14 - 115	14 - 115
Operating Range - Cooling [1]		°F DB	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115
Operating Range - Heating		°F DB	5 - 77	5 - 77	5 - 77	5 - 77	5 - 77
Max. Piping Length		ft.	65.6	65.6	98.4	98.4	98.4
Max. Piping Height		ft.	49.2	49.2	65.6	65.6	65.6
Dimensions (H x W x D)		in.	$21^{5}/_{8}$ x $30^{1}/_{8}$ x 11¼		$28^{15}/_{16}$ x 32½ x $11^{13}/_{16}$		$30^{5}/_{16}$ x $35^{7}/_{16}$ x $12^{5}/_{8}$
Net Weight		lbs.	75	75	104	104	159

[1] with Optional Wind Baffle

LV Series

Slim Duct Concealed

Up to 15.5 SEER | 10.5 HSPF

COMFORTABLE LIMITED WARRANTY* PROTECTION

* Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.
If product installed in a commercial application, warranty is 5 years.

Up to 15.5 SEER | 10.5 HSPF

Ideal Solutions for:	LV Wall Mount	LV Slim Duct Concealed
Primary living areas (master bedrooms and living rooms)	✓	✓
Hot or cold rooms	✓	✓
Rooms with poor air flow	✓	✓
New construction	✓	✓
Renovations and remodeling	✓	✓
Secondary bedrooms, offices, garages, basements, attics, and sun rooms	✓	✓
Rooms with soffit ceilings and areas that require short duct runs		✓
Units can be installed in conditioned spaces or in unconditioned spaces if unit is properly insulated.		✓

LV Series Optional Accessories	
Indoor Unit	
ARC452	Handheld Wireless Remote Controller (Included)
BRC944B2-A08 comes with 26' cord	Wired Remote Controller
DACA-BRCW901P10 (for Slim Duct)	Remote Controller Cable, Plenum Rated, 10 ft
DACA-BRCW901P25 (for Slim Duct)	Remote Controller Cable, Plenum Rated, 25ft
DACA-TS1-1	Daikin ENVi Intelligent Thermostat Kit
DACA-CP3-1	Condensate Pump
Outdoor Unit	
DACA-WB-3	Powder Coated Wall Mounted Bracket
Optional Accessories	
Indoor Unit	
BRC944B2-A08	Wired Remote Controller
DACA-ARCW901P10	IR Receiver Cable, Plenum Rated, 10ft (FDXS Only)
DACA-ARCW901P25	IR Receiver Cable, Plenum Rated, 25ft (FDXS Only)
DACA-TS1-1	Daikin ENVi Intelligent Thermostat Kit
DACA-CP1-1	Condensate Pump (Fits inside all Daikin indoor unit heads)
Outdoor Unit	
DACA-WB-3	Powder Coated Wall Mounted Bracket
KEH041A41	Drain Pan Heater RXS09_12LV
KKP937A4	Drain Plug for OD Unit
KPW937C4	Low Ambient Wind Baffle (09/12 MBH)

Low Ambient Tips

1. Increase clearance under outdoor units to promote easy drainage and reduce snow and ice buildup.
2. Install optional drain pan heaters for applications in extreme climates.
3. Install Daikin ENVi thermostats to maximize energy efficiency and automatically activate secondary heat on the coldest of days or when temperatures fall below 0°F.

Slim-Duct Units

Up to 15.5 SEER | Up to 10.4 HSPF

LV SERIES STANDARD EFFICIENCY SYSTEM PERFORMANCE			
Nominal Capacities		**0.75 Ton**	**1.0 Ton**
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
Efficiency	SEER	15.1	15.5
	COP	3.5	3.5
	EER	11.2	9.1
	HSPF	10.3	10.4
Electrical Data			
Power Supply	V/Ph/Hz	208-230/1/60	208-230/1/60
Minimum Circuit Amps	A	8	8.8
Maximum Overcurrent Protection	A	15	15
Power Consumption - Cooling	W	760	1,260
Power Consumption - Heating	W	850	960
INDOOR UNITS - FDXS_LVJU SLIM DUCT BUILT-IN UNITS			
Model Name		**FDXS09LVJU**	**FDXS12LVJU**
External Static Pressure	in. W.G.	0.1	0.1
Moisture Removal	gal/h	2.5	4
Airflow-Wet (H/M/L/SL)	CFM	305/280/260/235	305/280/260/235
Airflow-Dry (H/M/L/SL)	CFM	305/280/260/235	305/280/260/235
Sound Pressure Level - Cooling (H/M/L)	dB(A)	35/33/31	35/33/31
Sound Pressure Level - Heating (H/M/L)	dB(A)	35/33/31	35/33/31
Piping Connections - Liquid (O.D.)	in.	Ø 1/4	Ø 1/4
Piping Connections - Gas (O.D.)	in.	Ø 3/8	Ø 3/8
Piping Connections - Condensate Drain	in.	Ø 25/32	Ø 25/32
Dimensions (H x W x D)	Inch	7 7/8 x 27 9/16 x 24 7/16	
Net Weight	lbs.	47	47
OUTDOOR UNITS - RXS_LVJU HEAT PUMP			
Model Name		**RXS09LVJU**	**RXS12LVJU**
Sound Pressure Level - Cooling (H/L)	dB(A)	47/43	49/44
Sound Pressure Level - Heating (H/L)	dB(A)	48/44	49/45
Operating Range - Cooling	°F DB	14 - 115	14 - 115
Operating Range - Cooling [1]	°F DB	0 - 115	0 - 115
Operating Range - Heating	°F DB	5-77	5-77
Max. Piping Length	ft.	65.6	65.6
Max. Piping Height	ft.	49.2	49.2
Dimensions (H x W x D)	in.	21 5/8 x 30 1/4 x 11 1/4	
Net Weight	lbs.	75	75

[1] with Optional Wind Baffle

Quaternity Series

Heat Pump

Up to 26.1 SEER | 11.0 HSPF

COMFORTABLE LIMITED WARRANTY* PROTECTION

* Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.
If product installed in a commercial application, warranty is 5 years.

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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.

Up to 26.1 SEER | 11.0 HSPF

Premium comfort features of Quaternity Heat Pump:

Energy Efficient – Up to 26.1 SEER, 11.0 HSPF, and 15.8 EER for efficient cooling and heating operation and exceptional savings on utility bills compared to conventional lower-efficiency systems.

Integrated Air Cleaner –Long life, washable filters remove a wide range of airborne particles and decompose odors, such as those from cooking, painting and smoking.

Humidity Control – Active dehumidification to a relative setting. Rooms with large amount of wood floors, pianos, computer rooms that require RH setting.

Undisturbed Comfort – Indoor and outdoor units offer exceptionally low sound levels for premium comfort without the noise.

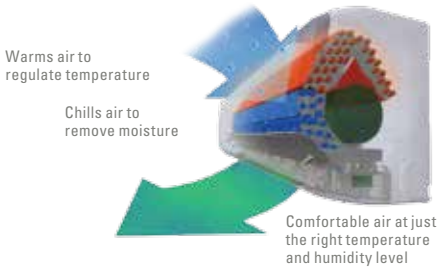
Wireless Control – Hand held remote features an LCD screen with back-lit display, Econo Mode, Powerful Mode, and more.

Ideal Solution for:

- Hot or cold rooms
- Rooms with poor air flow
- Renovations and remodeling
- Primary living areas (master bedrooms ...and living rooms)
- Basements, attics and garages
- New construction

Quaternity Standard Features	
Inverter Compressor	
208/230/1 Power Supply	
Cooling Operating Range 14° - 109° F	
Heating Operating Range -4° - 75° F	
Precharged for up to 32 ft of Liquid Line	
Indoor Sound Pressure as Low as 26 dB(A)	
Outdoor Sound Pressures as Low as 46 dB(A)	
Flash Streamer Technology	
3-D Airflow	
Comfortable Mode	
Indoor Unit Quiet Operation	
Auto Changeover	
Auto Fan Speed Control	
Self Diagnostics with Digital Display	
Auto Restart after Power Failure	
Anti-Corrosion Treatment on Heat Exchanger	
Max Piping: 32' Length, 26' Height	
Optional Accessories	
Indoor Unit	
ARC447A3	Handheld Wireless Remote Controller (Included)
DACA-TS1-1	Daikin ENVi Intelligent Thermostat Kit
DACA-CP3-1	Condensate Pump with Integral Float Switch
Outdoor Unit	
DACA-WB-3	Powder Coated Wall Mounted Bracket

Quaternity Operation



Wall-Mounted Units

Up to 26.1 SEER | Up to 11.0 HSPF

QUATERNITY PREMIUM EFFICIENCY SYSTEM PERFORMANCE				
Nominal Capacities				
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
Efficiency	SEER	26.1	24.2	21
	COP	4.5	4.0	4.0
	EER	15.8	14	12.9
	HSPF	11	10.6	10
Electrical Data				
Power Supply	V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60
Minimum Circuit Amps	A	14.5	14.5	14.5
Maximum Overcurrent Protection	A	15	15	15
Power Consumption - Cooling	W	250 - 900	260 - 1,300	260 - 1,930
Power Consumption - Heating	W	220 - 1,900	220 - 2,100	230 - 2,120
INDOOR UNITS - FTXG_HVJU WALL-MOUNTED UNITS				
Model Name		**FTXG09HVJU**	**FTXG12HVJU**	**FTXG15HVJU**
Moisture Removal	gal/h	0.4	0.5	0.6
Airflow-Wet (H/M/L)	CFM	420/325/230	459/346/240	487/371/258
Airflow-Dry (H/M/L)	CFM	438/346/258	470/367/272	494/392/293
Sound Pressure - Cooling (H/M/L)	dB(A)	42/33/26	43/35/27	45/37/29
Sound Pressure – Heating (H/M/L)	dB(A)	42/35/28	43/36/29	44/38/31
Piping Connections – Liquid (O.D.)	in.	Ø 1/4	Ø 1/4	Ø 1/4
Piping Connections – Gas (O.D.)	in.	Ø 3/8	Ø 3/8	Ø 3/8
Piping Connections – Condensate Drain	in.	Ø 11/16	Ø 11/16	Ø 11/16
Dimensions (H x W x D)	in.	12 x 35 1/32 x 8 7/32		
Net Weight	lbs.	31	31	31
OUTDOOR UNITS - RXG_HVJU HEAT PUMP				
Model Name		**RXG09HVJU**	**RXG12HVJU**	**RXG15HVJU**
Sound Pressure Level - Cooling/Heating	dB(A)	46/46	49/48	50/50
Operating Range - Cooling	°F DB	14 - 109	14 - 109	14 - 109
Operating Range - Heating	°F DB	-4-75	-4-75	-4-75
Max. Piping Length	ft.	32	32	32
Max. Piping Height	ft.	26	26	26
Dimensions (H x W x D)	in.	22 3/8 x 31 9/32 x 11 7/32		
Net Weight	lbs.	99	99	99

MXS Series

Up to 18.9 SEER | Up to 12.5 HSPF

COMFORTABLE LIMITED WARRANTY* PROTECTION

* Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.
If product installed in a commercial application, warranty is 5 years.

Zoned comfort control

Homeowners fight over temperatures in their homes and have rooms that go unused for long periods. Now they can save energy and control temperatures independently in up to 8 separate zones with a single outdoor unit. With available wall-mounted, concealed slim-duct, and ceiling cassette indoor options, Daikin Multi-Split Systems offer multiple indoor unit styles to meet all home comfort needs.

Up to 18.9 SEER | Up to 12.5 HSPF

Comfort features of MXS Series:

Energy Efficient – Up to 18.9 SEER, up to 12.5 HSPF, and up to 12.7 EER for ultra-efficient cooling and heating operation and exceptional savings on utility bills compared to conventional lower-efficiency systems.

Advanced Filtration – Long life, washable filters remove a wide range of airborne particles and decompose odors, such as those from cooking, painting and smoking.

Wireless Control – Hand held remote features an LCD screen with back-lit display, Econo Mode, Powerful Mode, and more.

Ideal solution for:

- Entire homes or floors of homes
- Multiple zones
- New construction
- Primary living areas (master bedrooms and living rooms)
- Basements

Enhanced Drain Pan – MXS_NMVJU Series models feature an enhanced drain pan with optimal drainage for reduced ice build-up in extreme conditions.

MODEL NAME		2MXS18NMVJU	3MXS24NMVJU	4MXS36NMVJU	RMXS48LVJU
Cooling Capacity (Rated - Max)	BTU/h	18,000-21,000	24,000-30,000	36,000-38,000	48,000
Heating Capacity (Rated - Max)	BTU/h	18,900-25,000	24,000-36,000	36,000-43,000	54,000
Max Connected Capacity	BTU/h	24,000	39,000	48,000	62,400
Min-Max No. of Indoor Units	Connections	2	2-3	2-4	2 – 8
Sound Pressure - (Cooling/Heating)	dB(A)	50/51	52/54	52/54	57/58
Operating Range - Cooling	°F DB	14 - 115	14 - 115	14 - 115	14 - 115
Operating Range - Heating	°F DB	5 – 75	5 – 75	5 – 75	5 – 75
Operating Range - Heating with Optional Drain Pan Heater	°F DB	-4 – 75	-4 – 75	-4 – 75	-4 – 75
Piping Dimensions					
Max. Length (for Total of All Rooms)	ft.	164	230	230	433
Max. Length (for One Room)	ft.	82	82	82	*refer to installation manual*
Max. Piping Height	ft.	49.2	49.2	49.2	98.4
Electrical Data					
Power Supply	V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Minimum Circuit Amps	A	15.8	18.7	19.8	27
Maximum Overcurrent Protection	A	20	20	20	30
Dimensions (H x W x D)	in.	29 x 34¼ x 12⅝	29 x 34¼ x 12⅝	29 x 34¼ x 12⅝	52 15/16 x 35 7/16 x 12⅝
Net Weight	lbs.	128	132	137	129
SEER/ EER	Non-Ducted	18.9/ 12.5	17.9/ 12.7	17.7/ 9.2	18.8/ 10.3
	Mixed	16.5/ 11.0	15.9/ 11.2	15.9/ 8.5	16.5/ 9.8
	Ducted	14.0/ 9.5	14.0/ 9.7	14.0/ 7.9	14.1/ 9.3
HSPF/ COP	Non-Ducted	10.7 /4.1	12.5/ 4.6	12.2/ 4.5	11.3/ 3.0
	Mixed	9.5/ 4.1	10.4/ 3.2	10.2/ 3.4	10.5/ 2.9
	Ducted	8.2/ 4.1	8.2/ 3.9	8.2/ 3.9	9.6/ 2.7

Multi-Zone Indoor Units

INDOOR WALL-MOUNTED UNITS: CTXS_LVJU, AND FTXS_LVJU								
Model Name			CTXS07LVJU	FTXS09LVJU	FTXS12LVJU	FTXS15LVJU	FTXS18LVJU	FTXS24LVJU
Outdoor Unit Compatibility			2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	4MXS36NMVJU RMXS48LVJU
Airflow-Wet (H/M/L/SL)		CFM	332/261/194/145	381/279/194/145	403/307/205/155	568/477/385/360	583/484/385/360	643/494/350/328
Airflow-Dry (H/M/L/SL)		CFM	350/290/233/219	420/321/233/219	438/335/240/212	593/505/417/371	625/526/431/399	699/572/445/403
Sound Pressure - Cooling (H/M/L/SL)		dB(A)	38/32/25/22	41/33/25/22	45/37/29/23	45/40/35/32	46/41/36/33	51/44/37/34
Sound Pressure - Heating (H/M/L/SL)		dB(A)	38/33/28/25	42/35/28/25	45/39/29/26	43/38/33/30	45/40/35/32	48/42/37/34
Piping Connections	Liquid (O.D.)	in.	Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4
	Gas (O.D.)	in.	Ø 3/8	Ø 3/8	Ø 3/8	Ø 1/2	Ø 1/2	Ø 5/8
	Condensate Drain Connection (O.D.)	in.	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8
Dimensions (H x W x D)		in.	$11^{5}/_{8}$ x 31½ x $8^{7}/_{16}$	$11^{5}/_{8}$ x 31½ x $8^{7}/_{16}$		$13^{3}/_{8}$ x $41^{5}/_{8}$ x 9¾		
Net Weight		lbs.	20	20	22	31	31	31

INDOOR WALL-MOUNTED UNITS: CTXS_HVJU, CTXS_LVJU, AND FTXS_LVJU INDOOR SLIM DUCT UNITS: FDXS_LVJU AND CDXS_LVJU							
Model Name			FDXS09LVJU	FDXS12LVJU	CDXS15LVJU	CDXS18LVJU	CDXS24LVJU
Outdoor Unit Compatibility			2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	4MXS36NMVJU RMXS48LVJU
External Static Pressure		in. W.G.	0.12	0.12	0.16	0.16	0.16
Airflow-Wet (H/M/L/SL)		CFM	305/280/260/235	305/280/260/235	424/388/353/297	424/388/353/297	424/388/353/297
Airflow-Dry (H/M/L/SL)		CFM	305/280/260/235	305/280/260/235	424/388/353/297	424/388/353/297	424/388/353/297
Sound Pressure - Cooling (H/M/L/SL)		dB(A)	35/33/31/-	35/33/31/-	37/35/33/31	37/35/33/31	37/35/33/31
Sound Pressure - Heating (H/M/L/SL)		dB(A)	35/33/31/-	35/33/31/-	37/35/33/31	37/35/33/31	37/35/33/31
Piping Connections	Liquid (O.D.)	in.	Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4
	Gas (O.D.)	in.	Ø 3/8	Ø 3/8	Ø 1/2	Ø 1/2	Ø 5/8
	Condensate Drain	in.	Ø 25/32	Ø 25/32	Ø 25/32	Ø 25/32	Ø 25/32
Dimensions (H x W x D)		in.	$7^{5}/_{8}$ x $27^{9}/_{16}$ x $24^{7}/_{16}$		$7^{7}/_{8}$ x $35^{7}/_{16}$ x $24^{7}/_{16}$		

INDOOR 2'X2' CEILING CASSETTE UNITS: FFQ_LVJU						
Model Name			**FFQ09LVJU**	**FFQ12LVJU**	**FFQ15LVJU**	**FFQ18LVJU**
Outdoor Unit Compatibility			2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU
Cooling Capacity (Nominal) Heating Capacity (Nominal)		BTU/h BTU/h	9,500 11,100	12,000 14,000	15,000 17,500	18,000 21,000
Power Supply		V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Airflow Rate (H/L)		CFM	318/230	353/230	424/283	530/353
Sound Pressure - Cooling (H/L) Sound Pressure - Heating (H/L)		dB(A) dB(A)	36/29 36/29	38/29 38/29	42/31 42/31	46/37 46/37
Piping Connections	Liquid (O.D.) Gas (O.D.) Condensate Drain (O.D.)	in. in. in.	Ø 1/4 Ø 3/8 Ø 1-1/32	Ø 1/4 Ø 3/8 Ø 1-1/32	Ø 1/4 Ø 1/2 Ø 1-1/32	Ø 1/4 Ø 1/2 Ø 1-1/32
Dimensions – Unit (H x W x D) Dimensions – Deco Panel (H x W x D)		in. in.	11¼ x 22⅝ x 22⅝ 2¼ x 27⅝ x 27⅝		11¼ x 22⅝ x 22⅝ 2¼ x 27⅝ x 27⅝	
Net Weight		lbs.	38.5	38.5	38.5	38.5

INDOOR FLOOR-STANDING UNITS: FVXS_NVJU					
Model Name			**FVXS09NVJU**	**FVXS12NVJU**	**FVXS18NVJU**
Outdoor Unit Compatibility			2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU
Air Flow Rate Cooling Air Flow Rate Heating		CFM CFM	290 311	300 332	378 417
Power Supply		V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60
Sound Pressure - Cooling Sound Pressure - Heating		dB(A) dB(A)	38/32/26/23 38/32/26/23	39/33/27/24 39/33/27/24	44/40/36/32 44/40/36/32
Piping Connections	Liquid (O.D.) Gas (O.D.)	in. in.	Ø 1/4 Ø 3/8	Ø 1/4 Ø 3/8	Ø 1/4 Ø 1/2
Dimensions – Unit (H x W x D)		in.	23⅝ x 27½ x 8¼	23⅝ x 27½ x 8¼	23⅝ x 27½ x 8¼
Net Weight		lbs.	31	31	31

Multi-Zone Combinations

*MXS**NMVJU

MAX: 24K BTU/H 2MXS18	MAX: 39K BTU/H 3MXS24		MAX: 48K BTU/H 4MXS36		
2 Zone	2 Zone	3 Zone	2 Zone	3 Zone	4 Zone
07+07	07+07	07+07+07	07+07	07+07+07	07+07+07+07
07+09	07+09	07+07+09	07+09	07+07+09	07+07+07+09
07+12	07+12	07+07+12	07+12	07+07+12	07+07+07+12
07+15	07+15	07+07+15	07+15	07+07+15	07+07+07+15
09+09	07+18	07+07+18	07+18	07+07+18	07+07+07+18
09+12	09+09	07+09+09	07+24	07+07+24	07+07+07+24
09+15	09+12	07+09+12	09+09	07+09+09	07+07+09+09
12+12	09+15	07+09+15	09+12	07+09+12	07+07+09+12
	09+18	07+09+18	09+15	07+09+15	07+07+09+15
	12+12	07+12+12	09+18	07+09+18	07+07+09+18
	12+15	07+12+15	09+24	07+09+24	07+07+09+24
	12+18	07+12+18	12+12	07+12+12	07+07+12+12
	15+15	07+15+15	12+15	07+12+15	07+07+12+15
	15+18	09+09+09	12+18	07+12+18	07+07+12+18
	18+18	09+09+12	12+24	07+12+24	07+07+15+15
		09+09+15	15+15	07+15+15	07+07+15+15
		09+09+18	15+18	07+15+18	07+09+09+09
		09+12+12	15+24	07+18+18	07+09+09+12
		09+12+15	18+18	09+09+09	07+09+09+15
		09+12+18	18+24	09+09+12	07+09+09+18
		09+15+15	24+24	09+09+15	07+09+12+12
		12+12+12		09+09+18	07+09+12+15
		12+12+15		09+09+24	07+09+12+18
				09+12+12	07+09+15+15
				09+12+15	07+12+12+12
				09+12+18	07+12+12+15
				09+12+24	09+09+09+09
				09+15+15	09+09+09+12
				09+15+18	09+09+09+15
				09+15+24	09+09+09+18
				09+18+18	09+09+12+12
				12+12+12	09+09+12+15
				12+12+15	09+09+12+18
				12+12+18	09+09+15+15
				12+12+24	09+12+12+12
				12+15+15	09+12+12+15
				12+15+18	12+12+12+12
				12+18+18	
				15+15+15	
				15+15+18	

AHRI CERTIFIED REF #	MODEL	INDOOR TYPE	EER	SEER	HSPF
8103477	2MXS18NMVJU	Ducted Indoor Units	9.5	14	8.2
8103542	2MXS18NMVJU	Non-Ducted Indoor Units	12.5	18.9	10.7
8104492	2MXS18NMVJU	Mixed Ducted and Non-ducted Indoor Units	11	16.45	9.45
8104493	3MXS24NMVJU	Mixed Ducted and Non-ducted Indoor Units	11.2	15.95	10.35
8103868	3MXS24NMVJU	Ducted Indoor Units	9.7	14	8.2
8103869	3MXS24NMVJU	Non-Ducted Indoor Units	12.7	17.9	12.5
8103870	4MXS36NMVJU	Ducted Indoor Units	7.9	14	8.2
8103871	4MXS36NMVJU	Non-Ducted Indoor Units	9.2	17.7	12.2
8104494	4MXS36NMVJU	Mixed Ducted and Non-ducted Indoor Units	8.55	15.85	10.2
5731240	RMXS48LVJU	Non-Ducted Indoor Units	10.3	18.8	11.3
5731241	RMXS48LVJU	Ducted Indoor Units	9.3	14.1	9.6

Heat or cool multiple spaces independently with 1 outdoor unit

- Great installation flexibility and a wide choice of styles
- Wide range of outdoor units, to which up to 8 indoor units can be connected.
- All indoor units can be individually controlled.
- The discrete, robust outdoor unit can easily be mounted onto a roof or terrace, or simply to the outside wall.
- It is possible to combine different types of indoor units.

MXS Standard Features
Inverter Compressor
Outdoor Unit Quiet Operation
208/230/1 Power Supply
Auto Fan Speed Control
Heating Operating Range -4° - 75° F (w/ Drain Pan Heater)
Self Diagnostics with Digital Display
Pre-charged for up to 131 ft of Liquid Line
Outdoor Sound Pressures as Low as 50 dB(A)
Anti-Corrosion Treatment on Heat Exchanger

1

Superior efficiency and cold climate performance
Daikin Multi-split systems provide leading efficiencies that provide homeowners with opportunities for regional and local rebates, along with lower monthly bills compared to lower SEER units. With exceptional Heating Seasonal Performance Factors (HSPF) and Coefficient of Performance (COP) levels, homeowners and utility companies will fall in love with the savings they will achieve.

2

Intelligent eye technology
Daikin brand Multi-Splits offer indoor units equipped with an intelligent eye feature† that detects movement and automatically changes to an energy-saving mode when movement is not detected for over 20 minutes. Normal operation resumes once movement is detected, ensuring a comfortable experience and offering savings up to 20% in cooling and up to 30% in heating, compared to units without movement detection.
†*Available on select models*

MXS Optional Accessories	
Indoor Unit	
BRC1E73	Wired Navigation Remote Controller (for FFQ ceiling cassette only)
BRC944B2-A08	Wired Controller with a 26' cord (for wall-mount and slim-duct units only)
BYFQ60B3W1	Decoration Panel for FFQ Ceiling Cassette (ships separately at no charge)
DACA-CP3-1	Condensate Pump with Integral Float Switch
DACA-TS1-1	Daikin ENVi Intelligent Thermostat Kit (for wall-mount, slim-duct, and floor-mount units)
BP Unit	
KHRP26A22T	REFNET Joint
Outdoor Unit	
DACA-WB-3	Powder-Coated Wall-Mount Bracket
KEH063A4E	Drain Pan Heater *MXS**NMVJU

SkyAir Products

SkyAir Heat Pumps and Air Conditioners

Quick and easy installation for a broad range of applications

SkyAir is the ultimate ducted and duct free solution for light commercial and residential whole house applications. Ranging from 18,000 Btu/h to 42,000 Btu/h, these innovative systems provide energy efficiency, technological reliability and installation flexibility.

SkyAir systems key features and benefits include:

- DC fan motor improves efficiency compared to conventional AC motors.
- Aero spiral fan and grille minimizes turbulence and increases sound reduction.
- Reluctance brushless DC compressor increases efficiency compared to fixed-speed compressor technology.
- Swing Compressor Model – Friction and refrigerant leakage are minimized for greater energy savings.
- Scroll Compressor Model – Suctioned gas is compressed in the scroll section before reaching the heated motor so that non-expanded gas is compressed, resulting in high-efficiency compression.
- Long piping lengths up to 230 ft. allow layout flexibility.
- Anti-corrosion treatment on the outdoor heat exchanger increases durability.

Model	
Wall Mounted Units (FAQ Type)	▪ For rooms with no false ceiling nor free floor space ▪ Energy efficiency up to SEER 18.6 and HSPF 9.1 ▪ Wide angle louvers distribute comfortable airflow with Auto-swing function ▪ Quiet operation as low as 37 dB(A)
Wall Mounted Units (FTXS Type)	▪ Energy efficiency up to SEER 19.3 ▪ Intelligent eye adjusts operation mode depending on occupancy, maximizing energy savings ▪ Wide angle louvers and 3-D airflow provide comfortable and efficient air distribution ▪ Titanium apatite photocatalytic air-purifying filter
DC Duct Concealed	▪ Medium external static pressure (ESP) capabilities offer up to 0.8 "W.G. ▪ DC fan motor provides improved efficiency ▪ Three user selected fan speeds available plus fan "Auto" logic ▪ Built-in condensate pump ▪ Bottom access for easy service ▪ Low profile design at less than 12" high
Round Flow Cassette	▪ 23 configurable airflow patterns ensure ideal air distribution ▪ 360° airflow reduces draft ▪ Lower air velocities provide better airflow distribution ▪ Stain resistant decoration panel allows for easy cleaning ▪ Condensate pump provided as standard
Ceiling Suspended	▪ Slim height at less than 8" ▪ Auto-swing capability with 100° airflow pattern distributes comfortable airflow ▪ Innovative stream fan technology keeps sound pressure levels low ▪ Lateral servicing space allows installation in corners, narrow spaces, walls, and ceilings
Inverter Ducted	▪ Up flow or horizontal right configurations for the indoor unit ▪ Energy efficiency up to SEER 20.0 ▪ High heating capacity at low ambient temperatures as low as 0°F with no electrical heat ▪ Field-installed electric heater options available from 3kW to 15 kW (electric heater connection kit part no.KER26A60 required for electric heat integration) ▪ Low outdoor unit sound levels (as low as 49 dB(A))

- Energy-Intelligent™ technology with variable speed compressors for small offices, shops, retail, stores, restaurants, banks, or technical cooling
- Provides reliable and high quality comfort with a smart use of energy and flexible installation and operation
- Can provide total comfort over space heating and cooling needs

Wide range of simple and/or intelligent controllers in option


ARC452


BRC944B2 (Option)


DAIKIN ENVi (Option)


BRC1E73 (Option)


BRC4C82 (Option)

■ Available in Heat Pump
■ Available in Cooling Only and Heat Pump

	INDOOR UNIT NAME	Sizes available (rated Cooling kBTU/h) 18	24	30	36	42	MATCHING OUTDOOR UNITS
	 FAQ_PVJU	■ ■	■ ■				RZR_PVJU (Cooling Only) RZQ_PVJU9 (Heat Pump) 
	 FTXS_LVJU			■ ■	■ ■		RKS_LVJU (Cooling Only) RXS_LVJU (Heat Pump) 
	 FBQ_PVJU	■ ■	■ ■	■ ■	■ ■	■ ■	RZR_PVJU (Cooling Only) RZQ_PVJU9 (Heat Pump) 
	 FCQ_PAVJU	■ ■	■ ■	■ ■	■ ■	■ ■	RZR_PVJU (Cooling Only) RZQ_PVJU9 (Heat Pump) 
	 FHQ_PVJU FHQ_MVJU*	■ ■	■ ■	■ ■	■ ■ *	■ ■ *	RZR_PVJU (Cooling Only) RZQ_PVJU9 (Heat Pump) 
	 FTQ_PBVJU	■	■	■	■	■	RZQ_PVJU9 (Heat Pump) 

FAQ-PVJU
RZR-PVJU / RZQ-PVJU9
Wall Mounted Unit

Sleek in design with comfort control features.

Key features include:

- Energy efficiency up to SEER 18.6 and HSPF 9.1
- Wide angle louvers distribute comfortable airflow
- Auto-swing function ensures efficient air distribution
- Front panel can be removed for easy cleaning
- Quiet operation as low as 37 dB(A)
- Optional wireless controller
- Optional wired controller
- Optional condensate pump

SYSTEM PERFORMANCE				
Model Name	Indoor (Cooling Only and Heat Pump)		FAQ18PVJU	FAQ24PVJU
	Outdoor (Cooling Only)		RZR18PVJU	RZR24PVJU
	Outdoor (Heat Pump)		RZQ18PVJU9	RZQ24PVJU9
Cooling Capacity (Rated)		Btu/h	18,000	24,000
Heating Capacity (Rated)		Btu/h	20,000	26,000
SEER			18.6	17.6
EER			12.7	10.2
HSPF*			8.7	9.1
Power Supply		V/ph/Hz	208-230V/1/60	
Minimum Circuit Amps		A	16.5	16.5
Maximum Overcurrent Protection		A	20	20
Power Consumption - Cooling		W	1,420	2,350
Power Consumption - Heating*		W	1,870	3,300
INDOOR UNITS - FAQ_PVJU WALL MOUNT UNITS				
Model Name			FAQ18PVJU	FAQ24PVJU
Moisture Removal		gal/h	n/a	n/a
Airflow (H/L)		CFM	500/400	635/470
Sound Pressure - Cooling (H/L)		dB(A)	43/37	43/37
Sound Pressure - Heating (HL)*		dB(A)	43/37	43/37
Piping Connections	Liquid (O.D.)	in.	Ø 3/8	Ø 3/8
	Gas (O.D.)	in.	Ø 5/8	Ø 5/8
	Condensate Drain	in.	Ø 11/16	Ø 11/16
Dimensions (H x W x D)		Inch	11-3/8 x 41-3/8 x 9	
Net Weight		lbs.	31	31
OUTDOOR UNITS - RZR_PVJU COOLING ONLY AND RZQ_PVJU9 HEAT PUMP				
Model Name	Cooling Only		RZR18PVJU	RZR24PVJU
	Heat Pump		RZQ18PVJU9	RZQ24PVJU9
Sound Pressure Level - Cooling/Heating*		dB(A)	49/49	49/49
Operating Range - Cooling		°F DB	23 - 115	23 - 115
Operating Range - Cooling with Optional Wind Baffle		°F DB	0 - 115	0 - 115
Operating Range - Heating*		°F DB	0 - 77	0 - 77
Operating Range - Heating*		°F WB	0 - 60	0 - 60
Max. Piping Length		ft.	164	164
Max. Piping Height		ft.	98	98
Dimensions (H x W x D)		in.	30-5/16 x 35-7/16 x 12-5/8	
Net Weight		lbs.	150	150

**Applicable to heat pump models only*

LOW AMBIENT WIND BAFFLE	
KPW5E80	RZR18PVJU, RZR24PVJU, RZQ18PVJU9, RZQ24PVJU9

RZQ_PRJU9
RZR_PVJU

BRC7818
(OPTION)

FAQ_PVJU

BRC1E73
(OPTION)

Wall Mounted Unit

Sophisticated in design with energy saving features.

Key features include:

- Energy efficiency up to SEER 19.3
- Intelligent eye adjusts operation mode depending on occupancy helps save energy
- Wide angle louvers and 3-D airflow provide comfortable and efficient air distribution
- Titanium apatite photocatalytic air-purifying filter
- Standby electricity saving feature reduces energy consumption by up to 90% when the system is not in use

RXS_LVJU
RKS_LVJU

ARC452

FTXS_LVJU

DAIKIN ENVi
(Option)

BRC94482
(OPTION)

SYSTEM PERFORMANCE				
Model Name	Indoor (Cooling Only and Heat Pump)		FTXS30LVJU	FTXS36LVJU
	Outdoor (Cooling Only)		RKS30LVJU	RKS36LVJU
	Outdoor (Heat Pump)		RXS30LVJU	RXS36LVJU
Cooling Capacity (Rated)		Btu/h	30,000	36,000
Cooling Capacity (Min – Max)		Btu/h	10,200 - 30,000	10,200 - 36,000
Heating Capacity (Rated)*		Btu/h	34,800	38,000
Heating Capacity (Min – Max)*		Btu/h	10,200 - 34,800	10,200 - 38,000
SEER / EER			19.3 / 10.71	17.9 / 8.37
HSPF*			8.3	8.3
Power Supply		V/ph/Hz	208-230V/1/60	
Minimum Circuit Amps		A	19.5	19.5
Maximum Overcurrent Protection		A	20	20
Power Consumption - Cooling		W	2,800	4,300
Power Consumption - Heating*		W	3,900	4,200
INDOOR UNITS - FTXS_LVJU WALL MOUNTED UNITS				
Model Name			FTXS30LVJU	FTXS36LVJU
Airflow (H/M/L/SL)		CFM	706/611/519/473	770/635/519/473
Sound Pressure - Cooling (H/M/L/SL)		dB(A)	47/45/40/37	49/45/40/37
Sound Pressure - Heating (H/M/L/SL)*		dB(A)	47/44/38/35	49/44/38/35
Piping Connections	Liquid (O.D.)	in.	Ø 3/8	Ø 3/8
	Gas (O.D.)	in.	Ø 5/8	Ø 5/8
	Condensate Drain	in.	Ø 5/8	Ø 5/8
Dimensions (H x W x D)		in.	13-3/8 × 47-1/4 × 9-7/16	
Net Weight		lbs.	31	
OUTDOOR UNITS - RKS_LVJU COOLING ONLY AND RXS_LVJU HEAT PUMP				
Model Name	Cooling Only		RKS30LVJU	RKS36LVJU
	Heat Pump		RXS30LVJU	RXS36LVJU
Sound Pressure Level - Cooling/Heating*		dB(A)	54/55	54/55
Operating Range - Cooling		°F DB	14 - 115	14 - 115
Operating Range - Cooling with Optional Wind Baffle		°F DB	0 - 115	0 - 115
Operating Range - Cooling with Optional Wind Baffle and Low Ambient Kit(for use with RKS_LVJU only)		°F DB	-40-115	-40-115
Operating Range - Heating*		°F DB	5-75	5-75
Operating Range - Heating with Optional Wind Baffle*		°F DB	0 - 75	0 - 75
Max. Piping Length		ft.	98.4	98.4
Max. Piping Height		ft.	65.6	65.6
Dimensions (H x W x D)		in.	38-15/16 × 37 × 12-5/8	
Net Weight		lbs.	179	179

Applicable to heat pump models only

LOW AMBIENT WIND BAFFLE	
KPW5E112	RKS30LVJU, RKS36LVJU, RXS30LVJU, RXS36LVJU

FBQ-PVJU
RZR-PVJU / RZQ-PVJU9

DC Duct Concealed

Sleek in design with comfort control features.

Key features include:

- Medium external static pressure (ESP) capabilities offer up to 0.8 "W.G.
- DC fan motor provides excellent efficiency
- Three user selected fan speeds available plus fan "Auto" logic
- Built-in condensate pump
- Bottom access for easy service
- Low profile design at less than 12" high
- Optional wired controller
- Connect to Daikin Zoning Kit (Optional)

DZK
DAIKIN ZONING KIT

- Increases the flexibility of the SkyAir systems in both residential and commercial applications by adding a Zoning Box to an indoor unit fan coil (FXMQ_P or FBQ_P series, respectively)
- Allows several separate ducts to supply air to different individually-controlled zones.
- The DZK BACnet® Gateway module will work with any BACnet/ IP compatible Building Management System

Wired Thermostat

Wireless Thermostat

RZQ_PVJU (9)
RZR_PVJU

FBQ_PVJU

DZK Kit
(Option)

BRC1E73
(Option)

BRC4C82
(Option)

SYSTEM PERFORMANCE							
Model Name	Indoor (Cooling Only and Heat Pump)		FBQ18PVJU	FBQ24PVJU	FBQ30PVJU	FBQ36PVJU	FBQ42PVJU
	Outdoor (Cooling Only)		RZR18PVJU	RZR24PVJU	RZR30PVJU	RZR36PVJU	RZR42PVJU
	Outdoor (Heat Pump)		RZQ18PVJU9	RZQ24PVJU9	RZQ30PVJU	RZQ36PVJU9	RZQ42PVJU9
Cooling Capacity (Rated)		Btu/h	18,000	24,000	30,000	36,000	42,000
Heating Capacity (Rated)		Btu/h	20,000	27,000	34,000	40,000	47,000
SEER			17.5	16.5	16	17.5	16
EER			14.1	12	10.5	11.2	10.2
HSPF*			10.6	10.5	9.2	9.1	8.8
Power Supply		V/ph/Hz	208-230/1/60				
Minimum Circuit Amps		A	16.5	16.5	16.5	27	27
Maximum Overcurrent Protection		A	20	20	20	30	30
Power Consumption - Cooling		W	1,280	2,000	2,860	3,210	4,120
Power Consumption - Heating*		W	1,540	2,330	3,020	3,350	4,050
INDOOR UNITS - FBQ_PVJU DC DUCT							
Model Name			FBQ18PVJU	FBQ24PVJU	FBQ30PVJU	FBQ36PVJU	FBQ42PVJU
Airflow (H/M/L)		CFM	635/582/529	688/618/565	1130/953/812		1377/1165/988
Airflow (H/L)		in. W.G.	Standard 0.40 (0.80 - 0.20)				
Sound Pressure - Cooling (H/L)		dB(A)	41/39/37	42/40/38	43/41/39	43/41/39	44/42/40
Sound Pressure - Heating (HL)*		dB(A)	41/39/37	42/40/38	43/41/39	43/41/39	44/42/40
Piping Connections	Liquid (O.D.)	in.	Ø 1/4 **	Ø 3/8	Ø 3/8	Ø 3/8	Ø 3/8
	Gas (O.D.)	in.	Ø 1/2 **	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8
	Condensate Drain	in.	Ø 1-1/4	Ø 1-1/4	Ø 1-1/4	Ø 1-1/4	Ø 1-1/4
Dimensions (H x W x D)		in.	11-3/8 x 41-3/8 x 9			11-13/16 x 55-1/8 x 27-9/16	
Net Weight		lbs.	80	80	80	102	102
OUTDOOR UNITS - RZR_PVJU COOLING ONLY AND RZQ_PVJU(9) HEAT PUMP							
Model Name	Cooling Only		RZR18PVJU	RZR24PVJU	RZR30PVJU	RZR36PVJU	RZR42PVJU
	Heat Pump		RZQ18PVJU9	RZQ24PVJU9	RZQ30PVJU	RZQ36PVJU9	RZQ42PVJU9
Sound Pressure Level - Cooling/Heating*		dB(A)	49/49	49/49	49/49	58/58	58/58
Operating Range - Cooling		°F DB	23 - 115	23 - 115	23 - 115	23 - 115	23 - 115
Operating Range - Cooling with Optional Wind Baffle		°F DB	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115
Operating Range - Heating*		°F DB	0 - 77	0 - 77	0 - 77	0 - 77	0 - 77
Operating Range - Heating*		°F WB	0 - 60	0 - 60	0 - 60	0 - 60	0 - 60
Max. Piping Length		ft.	164	164	164	230	230
Max. Piping Height		ft.	98	98	98	164	164
Dimensions (H x W x D)		in.	30-5/16 x 35-7/16 x 12-5/8			52-15/16 x 35-7/16 x 12-5/8	
Net Weight		lbs.	150	150	150	283	283

**Applicable to heat pump models only **use a 3/8" x 5/8" line set and reduce at the indoor unit connections. Refer to Technical Bulletin #001-13.*

MERV 13 Filter Kit Option contains a MERV 13 filter, adapter frame and easy to follow installation instructions and can be installed on the following models only:	
Kit Model	**Indoor Units**
DACA-FXMQ12-13-1K	FXMQ07-12PVJU
DACA-FXMQ30-13-1K	FXMQ18-30PVJU
DACA-FXMQ48-13-1K	FXMQ36-48PVJU

Enthalpy economizer (field applied accessory)	
Model	**Indoor Units**
ECONMQ30P-8-1K (MERV 8 Filter)	FBQ18-30PVJU
ECONMQ30P-13-1K (MERV 13 Filter)	
ECONMQ48P-8-1K (MERV 8 Filter)	FBQ36-42PVJU
ECONMQ48P-13-1K (MERV 13 Filter)	

LOW AMBIENT WIND BAFFLE	
KPW5E80	RZR18PVJU, RZR24PVJU, RZR30PVJU RZR36PVJU (x2), RZR42PVJU (x2)
	RZQ18PVJU9, RZQ24PVJU9, RZQ30PVJU, RZQ36PVJU9 (x2), RZQ42PVJU9 (x2)

FCQ-PAVJU
RZR-PVJU / RZQ-PVJU9
Round Flow Cassette

Customizable comfort ideal for open plan applications.

Key features include:

- 23 configurable airflow patterns ensure ideal air distribution for maximized comfort and savings
- 360° airflow reduces draft
- Lower air velocities provide better airflow distribution
- Stain resistant decoration panel allows for easy cleaning
- Condensate pump provided as standard
- Outside air integration possible
- Optional wired controller

RZQ_PVJU (9)
RZR_PVJU

FCQ_PAVJU

BRC1E73
(Option)

SYSTEM PERFORMANCE							
Model Name	Indoor (Cooling Only and Heat Pump)		FCQ18PAVJU	FCQ24PAVJU	FCQ30PAVJU	FCQ36PAVJU	FCQ42PAVJU
	Outdoor (Cooling Only)		RZR18PVJU	RZR24PVJU	RZR30PVJU	RZR36PVJU	RZR42PVJU
	Outdoor (Heat Pump)		RZQ18PVJU9	RZQ24PVJU9	RZQ30PVJU	RZQ36PVJU9	RZQ42PVJU9
Cooling Capacity (Rated)		Btu/h	18,000	24,000	30,000	36,000	42,000
Heating Capacity (Rated)		Btu/h	20,000	27,000	34,000	40,000	47,000
SEER			17.2	16.8	15.8	17.5	16
EER			13.9	12	10.2	11.2	10.2
HSPF*			10.1	9.7	9.7	8.4	8.5
Power Supply		V/ph/Hz	208-230/1/60				
Minimum Circuit Amps		A	16.5	16.5	16.5	27	27
Maximum Overcurrent Protection		A	20	20	20	30	30
Power Consumption - Cooling		W	1,380	2,000	3,230	3,160	4,080
Power Consumption - Heating*		W	1,460	2,080	2,930	3,260	4,050
INDOOR UNITS - FCQ_PVJU ROUNDFLOW CASSETTE							
Model Name			FCQ18PAVJU	FCQ24PAVJU	FCQ30PAVJU	FCQ36PAVJU	FCQ42PAVJU
Airflow (H/M/L)		CFM	560/470/390	780/620/470	830/670/530	1180/910/700	1220/970/790
Sound Pressure - Cooling (H/L)		dB(A)	32/30/27	36/32/28	38/35/31	44/38/32	45/40/34
Sound Pressure - Heating (HL)*		in.	32/30/27	36/32/28	38/35/31	44/38/32	45/40/34
Piping Connections	Liquid (O.D.)	in.	Ø 1/4 **	Ø 3/8	Ø 3/8	Ø 3/8	Ø 3/8
	Gas (O.D.)	in.	Ø 1/2 **	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8
	Condensate Drain	in.	Ø 1-1/4	Ø 1-1/4	Ø 1-1/4	Ø 1-1/4	Ø 1-1/4
Dimensions (H x W x D)		lbs.	9-11/16 x 33-1/16 x 33-1/16			11-5/16 x 33-1/16 x 33-1/16	
Net Weight		lbs.	43	48.5	48.5	55	55
OUTDOOR UNITS - RZR_PVJU COOLING ONLY AND RZQ_PVJU(9) HEAT PUMP							
Model Name	Cooling Only		RZR18PVJU	RZR24PVJU	RZR30PVJU	RZR36PVJU	RZR42PVJU
	Heat Pump		RZQ18PVJU9	RZQ24PVJU9	RZQ30PVJU	RZQ36PVJU9	RZQ42PVJU9
Sound Pressure Level - Cooling/Heating*		dB(A)	49/49	49/49	49/49	58/58	58/58
Operating Range - Cooling		°F DB	23 - 115	23 - 115	23 - 115	23 - 115	23 - 115
Operating Range - Cooling with Optional Wind Baffle		°F DB	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115
Operating Range - Heating*		°F DB	0 - 77	0 - 77	0 - 77	0 - 77	0 - 77
Operating Range - Heating*		°F WB	0 - 60	0 - 60	0 - 60	0 - 60	0 - 60
Max. Piping Length		ft.	164	164	164	230	230
Max. Piping Height		ft.	98	98	98	164	164
Dimensions (H x W x D)		in.	30-5/16 x 35-7/16 x 12-5/8			52-15/16 x 35-7/16 x 12-5/8	
Net Weight		lbs.	150	150	150	283	283

*Applicable to heat pump models only **use a 3/8" x 5/8" line set and reduce at the indoor unit connections. Refer to Technical Bulletin #001-13.

MERV 13 Filter Kit Option contains a MERV 13 filter and easy to follow installation instructions and can be installed on the following models only:

Kit Model	Indoor Units
DACA-FQP13-1K	FCQ18-42PAVJU

LOW AMBIENT WIND BAFFLE	
KPW5E80	RZR18PVJU, RZR24PVJU, RZR30PVJU, RZR36PVJU (x2), RZR42PVJU (x2)
	RZQ18PVJU9, RZQ24PVJU9, RZQ30PVJU, RZQ36PVJU9 (x2), RZQ42PVJU9 (x2)

FHQ-PVJU
RZR-PVJU / RZQ-PVJU9
Ceiling Suspended

A slim solution for open or structured ceilings.

Key features include:

- Slim in height at less than 8”
- Auto-swing capability with 100° airflow pattern distributes comfortable airflow
- Innovative stream fan technology keeps sound pressure levels low
- Lateral servicing space allows installation in corners, narrow spaces, walls, and ceilings
- Flat panel design makes cleaning simple
- Concealed piping
- Optional wired controller
- Optional condensate pump

RZQ_PVJU (9)
RZR_PVJU

FHQ_PVJU
FHQ_MVJU

BRC1E73
(Option)

BRC7E83
(Option)

SYSTEM PERFORMANCE							
Model Name	Indoor (Cooling Only and Heat Pump)		**FHQ18PVJU**	**FHQ24PVJU**	**FHQ30PVJU**	**FHQ36MVJU**	**FHQ42MVJU**
	Outdoor (Cooling Only)		RZR18PVJU	RZR24PVJU	RZR30PVJU	RZR36PVJU	RZR42PVJU
	Outdoor (Heat Pump)		RZQ18PVJU9	RZQ24PVJU9	RZQ30PVJU	RZQ36PVJU9	RZQ42PVJU9
Cooling Capacity (Rated)		Btu/h	18,000	24,000	30,000	36,000	40,500
Heating Capacity (Rated)		Btu/h	20,000	27,000	34,000	37,500	39,500
SEER			18	18.1	17.2	14	13.8
EER			14	12.6	10.5	10.2	9.5
HSPF*			11.1	10	8.4	8.1	8.2
Power Supply		V/ph/Hz	208-230/1/60				
Minimum Circuit Amps		A	16.5	16.5	27	27	27
Maximum Overcurrent Protection		A	20	20	30	30	30
Power Consumption - Cooling		W	1,290	1,900	2,860	3,530	4,260
Power Consumption - Heating*		W	1,510	2,200	3,690	3,660	3,990
INDOOR UNITS - FHQ_PVJU CEILING SUSPENDED							
Model Name			**FHQ18PVJU**	**FHQ24PVJU**	**FHQ30PVJU**	**FHQ36MVJU**	**FHQ42MVJU**
Airflow (H/M/L)		CFM	790/670	790/670	790/670	830/670	850/700
Sound Pressure - Cooling (H/L)		dB(A)	45/-	45/-	45/-	46/-	47/-
Sound Pressure - Heating (HL)*		in.	45/-	45/-	45/-	46/-	47/-
Piping Connections	Liquid (O.D.)	in.	Ø 3/8	Ø 3/8	Ø 3/8	Ø 3/8	Ø 3/8
	Gas (O.D.)	in.	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8
	Condensate Drain	in.	Ø 1	Ø 1	Ø 1	Ø 1	Ø 1
Dimensions (H x W x D)		lbs.	7-11/16 x 62-5/8 x 26-3/4				
Net Weight		lbs.	90	90	90	90	90
OUTDOOR UNITS - RZR_PVJU COOLING ONLY AND RZQ_PVJU(9) HEAT PUMP							
Model Name	Cooling Only		**RZR18PVJU**	**RZR24PVJU**	**RZR30PVJU**	**RZR36PVJU**	**RZR42PVJU**
	Heat Pump		**RZQ18PVJU9**	**RZQ24PVJU9**	**RZQ30PVJU**	**RZQ36PVJU9**	**RZQ42PVJU9**
Sound Pressure Level - Cooling/Heating*		dB(A)	49/49	49/49	49/49	58/58	58/58
Operating Range - Cooling		°F DB	23 - 115	23 - 115	23 - 115	23 - 115	23 - 115
Operating Range - Cooling with Optional Wind Baffle		°F DB	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115
Operating Range - Heating*		°F DB	0 - 77	0 - 77	0 - 77	0 - 77	0 - 77
Operating Range - Heating*		°F WB	0 - 60	0 - 60	0 - 60	0 - 60	0 - 60
Max. Piping Length		ft.	164	164	164	230	230
Max. Piping Height		ft.	98	98	98	164	164
Dimensions (H x W x D)		in.	30-5/16 x 35-7/16 x 12-5/8			52-15/16 x 35-7/16 x 12-5/8	
Net Weight		lbs.	150	150	150	283	283

Applicable to heat pump models only

LOW AMBIENT WIND BAFFLE	
KPW5E80	RZR18PVJU, RZR24PVJU, RZR30PVJU, RZR36PVJU (x2), RZR42PVJU (x2)
	RZQ18PVJU9, RZQ24PVJU9, RZQ30PVJU, RZQ36PVJU9 (x2), RZQ42PVJU9 (x2)

FTQ-PBVJU
RZQ-PVJU9

Inverter Ducted

An intelligent alternative to traditional unitary systems.

Key features include:

- Up flow or horizontal right configurations for the indoor unit
- Energy efficiency up to SEER 20.0
- High heating capacity at low ambient temperatures as low as 0°F with no electrical heat
- Field-installed electric heater options available from 3 kW to 15 kW (electric heater connection kit part no. KER26A60 required for electric heat integration)
- Low outdoor unit sound levels (as low as 49 dB(A))

RZQ_PVJU (9)
RZR_PVJU

FTQ_PBVJU

BRC1E73
(Option)

BRC7E83
(Option)

SYSTEM PERFORMANCE

Model Name	Indoor		FTQ18PBVJU	FTQ24PBVJU	FTQ30PBVJU	FTQ36PBVJU	FTQ42PBVJU
	Outdoor		RZQ18PVJU9	RZQ24PVJU9	RZQ30PVJU9	RZQ36PVJU9	RZQ42PVJU9
Cooling Capacity (Rated)		Btu/h	18,000	24,000	30,000	36,000	40,000
Heating Capacity (Rated)		Btu/h	20,000	27,000	34,000	40,000	47,000
SEER			20	19	19.5	18	17
EER			14.5	13.5	13.5	12.5	12
HSPF*			12	11.5	10	9.5	9
COP			4	3.8	3.7	3.6	3.2
Power Supply		V/ph/Hz	208-230/1/60				
Minimum Circuit Amps		A	1.5	1.6	2.3	2.8	3.6
Maximum Overcurrent Protection		A	20		30		

INDOOR UNITS - FTQ UNITARY

Model Name			FTQ18PBVJU	FTQ24PBVJU	FTQ30PBVJU	FTQ36PBVJU	FTQ42PBVJU
External Static Pressure		in. W.G.	Up to 0.50				
Airflow (H/M/L)		CFM	600/510/420	800/680/560	1,000/850/700	1,200/1,020/840	1,400/1,190/980
Piping Connections	Liquid (O.D.)	in.	Ø 3/8	Ø 3/8	Ø 3/8	Ø 3/8	Ø 3/8
	Gas (O.D.)	in.	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8
	Condensate Drain	in.	Ø 1	Ø 1	Ø 1	Ø 1	Ø 1
Dimensions (H x W x D)		lbs.	48-1/8 x 22 x 26		58-1/4 x 22 x 26		
Net Weight		lbs.	150		192		203

OUTDOOR UNITS - RZQ_PVJU9 HEAT PUMP

Model Name		RZQ18PVJU9	RZQ24PVJU9	RZQ30PVJU9	RZQ36PVJU9	RZQ42PVJU9
Sound Pressure Level - Cooling/Heating	dB(A)	49/49	49/49	49/49	58/58	58/58
Operating Range - Cooling	°F DB	23 - 115	23 - 115	23 - 115	23 - 115	23 - 115
Operating Range - Heating	°F DB	0 - 77	0 - 77	0 - 77	0 - 77	0 - 77
Operating Range - Cooling with Optional Wind Baffle	°F DB	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115
Operating Range - Heating	°F WB	0 - 60	0 - 60	0 - 60	0 - 60	0 - 60
Max. Piping Length	ft.	98		230		
Max. Piping Height	ft.	98		164		
Dimensions (H x W x D)	in.	30-5/16 x 35-7/16 x 12-5/8		52-15/16 x 35-7/16 x 12-5/8		
Net Weight	lbs.	150		283		

ELECTRIC HEATER CAPACITY

Model Name	HKR-03	HKR-05C	HKR-06	HKR-08C	HKR-10C	HKR-15C
FTQ18PBVJU	○	●	●	X	X	X
FTQ24PBVJU	○	●	●	●	●	X
FTQ30PBVJU	○	○	●	●	●	X
FTQ36PBVJU	○	○	●	●	●	X
FTQ42PBVJU	○	○	○	○	●	●*

○Electric heater option with heat pump is allowed ●Electric heater option with heat pump is allowed X Not allowed.

Acceptable for 2-step control

LOW AMBIENT WIND BAFFLE

KPW5E80	RZQ18PVJU9, RZQ24PVJU9, RZQ30PVJU9 (x2), RZQ36PVJU9 (x2), RZQ42PVJU9 (x2)

Light Commercial Products

Commercial Comfort

Commercial comfort. No compromise.

Get curb appeal, energy efficient performance and outstanding product limited warranties*.

Get on the ground floor with the world's largest HVAC manufacturer and start growing your business. Daikin commercial splits and packaged units offer ease of installation, efficient operation and outstanding product limited warranty* coverage. Whether you need a straight cooling unit, heat pump or gas/electric, you'll find cogent features such as 5mm condensing coils, outstanding heat pump features and our most durable tubular heat exchanger. When you want the best, don't compromise. Demand Daikin!

*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

		Type	Model	Tonnage (Nominal Capacity)
Split Systems	Three Phase	Air Conditioners	DXS13SA	3 to 5 Ton
		Air Conditioners	DXS11SA	7½ & 10 Ton
		Heat Pump	DZ13SA	3 to 5 Ton
		Heat Pump	DZ11SA	7½ & 10 Ton
Packaged	Single Phase	Air Conditioners	DTC	3 to 5 Ton
		Heat Pump	DTH	3 to 5 Ton
		Heat Pump	DTG	3 to 5 Ton
	Three Phase	Air Conditioners	DCC	
		Heat Pump	DCH	
		Gas/Electric	DCG	

7½ & 10 Ton

DAR/DAT - Multi-Speed Upflow Air Handler

3 to 6 Ton

15 & 20 Ton

7½ to 12½ Ton

25 Ton

DCC – Three-Phase Packaged Air Conditioners

3 to 6 Tons

*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

The Daikin DCC Commercial Packaged Air Conditioners feature a high-efficiency scroll compressor, convertible airflow orientation, and easy access for servicing. These units are housed in a heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish.

DESIGNED FOR EXCEPTIONAL DURABILITY, ENERGY EFFICIENCY, AND OUTSTANDING PERFORMANCE.

- R-410A chlorine-free refrigerant
- High-efficiency scroll compressors
- Copper tube/aluminum fin coils
- 24-volt terminal strip
- High-capacity, steel-cased filter drier
- Convertible airflow orientation
- Bottom utility entry
- AHRI Certified; ETL Listed
- Built-in filter rack with standard 2" filters
- Heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish
- Full perimeter rail; Curb fit

Model	Cooling Capacity		SEER/ EER	Voltage-Phase	Electric Heat (kW)	Dimensions			dB(A)	Ship Weight (lbs)
	BTU/h	CFM				W"	D"	H"		
DCC036***3D***	34,600	1,200	13 / 11.0	208/230-3	10, 15	74 1/16	48 5/16	38 13/16	78	525
DCC036***3B***	34,600	1,200	13 / 11.0	208/230-3	10, 15	74 1/16	48 5/16	38 13/16	78	525
DCC036***4B***	34,600	1,200	13 / 11.0	460-3	10, 15	74 1/16	48 5/16	38 13/16	78	525
DCC036***7B***	34,600	1,200	13 / 11.0	575-3	10, 15	74 1/16	48 5/16	38 13/16	78	525
DCC048***3D***	45,500	1,600	13.0 / 11.3	208/230-3	10, 15, 18	74 1/16	48 5/16	38 13/16	78	560
DCC048***3B***	45,500	1,600	13.0 / 11.3	208/230-3	10, 15, 18	74 1/16	48 5/16	38 13/16	78	560
DCC048***4B***	45,500	1,600	13.0 / 11.3	460-3	10, 15, 18	74 1/16	48 5/16	38 13/16	78	560
DCC048***7B***	45,500	1,600	13.0 / 11.3	575-3	10, 15, 18	74 1/16	48 5/16	38 13/16	78	560
DCC060***3D***A*	58,000	2,000	13 / 11.1	208/230-3	10, 15, 20	74 1/16	48 5/16	38 13/16	78	595
DCC060***3B***A*	58,000	2,000	13 / 11.1	208/230-3	10, 15, 20	74 1/16	48 5/16	38 13/16	78	595
DCC060***4B***A*	58,000	2,000	13 / 11.1	460-3	10, 15, 20	74 1/16	48 5/16	38 13/16	78	595
DCC060***7B***A*	58,000	2,000	13 / 11.1	575-3	10, 15, 20, 25	74 1/16	48 5/16	38 13/16	78	595
DCC072***3B***A*	71,000	2,350	--/ 11.2	208/230-3	10, 15, 20, 25	74 1/16	48 5/16	42 13/16	78	665
DCC072***4B***A*	71,000	2,350	--/ 11.2	460-3	10, 15, 20, 25	74 1/16	48 5/16	42 13/16	78	665
DCC072***7B***A*	71,000	2,350	--/ 11.2	575-3	10, 15, 20, 25	74 1/16	48 5/16	42 13/16	78	665

5 YEAR PARTS LIMITED WARRANTY*

*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

DCC – Three-Phase Package Air Conditioners

7½ to 12½ Tons

The Daikin DCC Commercial Packaged Air Conditioners feature the chlorine-free refrigerant R-410A. Other features include a high-efficiency scroll compressor and easy access for servicing. These units are housed in a heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish.

DESIGNED FOR EXCEPTIONAL DURABILITY, ENERGY EFFICIENCY, AND OUTSTANDING PERFORMANCE.

- R-410A chlorine-free refrigerant
- High-efficiency scroll compressor
- Copper tube/aluminum fin coils
- Contactor with lugs
- High-capacity, steel-cased filter drier
- Two-stage cooling
- 24-volt terminal strip
- Convertible airflow orientation
- Easy to service
- Built-in filter rack with standard 2" filters
- AHRI Certified; ETL Listed
- Heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish
- Full perimeter rail; Curb fit

Model	Cooling Capacity		EER/ IEER	Voltage-Phase	Electric Heat (kW)	Dimensions			dB(A)	Ship Weight (lbs)
	BTU/h	CFM				W"	D"	H"		
DCC090***3B***A*	88,000	3,000	11.3 / 11.5	208/230-3	16,30,45	100 6/64	61¾	52⅞	82	1085
DCC090***3V***A*	88,000	3,000	11.3 / 13.0	208/230-3	16,30,45	100 6/64	61¾	52⅞	82	1085
DCC090***4B***A*	88,000	3,000	11.3 / 11.5	460-3	16,30,45	100 6/64	61¾	52⅞	82	1085
DCC090***4V***A*	88,000	3,000	11.3 / 13.0	460-3	16,30,45	100 6/64	61¾	52⅞	82	1085
DCC090***7B***A*	88,000	3,000	11.3 / 11.5	575-3	16,30,45	100 6/64	61¾	52⅞	82	1085
DCC090***7V***A*	88,000	3,000	11.3 / 13.0	575-3	16,30,45	100 6/64	61¾	52⅞	82	1085
DCC102***3B***A*	102,000	3,200	11.3 / 11.4	208/230-3	16,30,45	100 6/64	61¾	52⅞	83	1125
DCC102***3V***A*	102,000	3,200	11.3/13.4	208/230-3	16,30,45	100 6/64	61¾	52⅞	83	1125
DCC102***4B***A*	102,000	3,200	11.3 / 11.4	460-3	16,30,45	100 6/64	61¾	52⅞	83	1125
DCC102***4V***A*	102,000	3,200	11.3/13.4	460-3	16,30,45	100 6/64	61¾	52⅞	83	1125
DCC102***7B***A*	102,000	3,200	11.3 / 11.4	575-3	16,30,45	100 6/64	61¾	52⅞	83	1125
DCC102***7V***A*	102,000	3,200	11.3/13.4	575-3	16,30,45	100 6/64	61¾	52⅞	83	1125
DCC120***3B***A*	116,000	3,500	11.3/11.5	208/230-3	16,30,45	100 6/64	61¾	52⅞	83	1125
DCC120***3V***A*	116,000	3,500	11.3 / 13.0	208/230-3	16,30,45	100 6/64	61¾	52⅞	83	1125
DCC120***4B***A*	116,000	3,500	11.3/11.5	460-3	16,30,45	100 6/64	61¾	52⅞	83	1125
DCC120***4V***A*	116,000	3,500	11.3 / 13.0	460-3	16,30,45	100 6/64	61¾	52⅞	83	1125
DCC120***7B***A*	116,000	3,500	11.3/11.5	575-3	16,30,45	100 6/64	61¾	52⅞	83	1125
DCC120***7V***A*	116,000	3,500	11.3 / 13.0	575-3	16,30,45	100 6/64	61¾	52⅞	83	1125
DCC150***3B***A*	144,000	3,900	11.0 / 11.2	208/230-3	16,30,45	100 6/64	61¾	58⅞	83	1250
DCC150***3V***A*	144,000	3,900	11.0 / 12.2	208/230-3	16,30,45	100 6/64	61¾	58⅞	83	1250
DCC150***4B***A*	144,000	3,900	11.0 / 11.2	460-3	16,30,45	100 6/64	61¾	58⅞	83	1250
DCC150***4V***A*	144,000	3,900	11.0 / 12.2	460-3	16,30,45	100 6/64	61¾	58⅞	83	1250
DCC150***7B***A*	144,000	3,900	11.0 / 11.2	575-3	16,30,45	100 6/64	61¾	58⅞	83	1250
DCC150***7V***A*	144,000	3,900	11.0 / 12.2	575-3	16,30,45	100 6/64	61¾	58⅞	83	1250

Daikin North America LLC, reserves the right to discontinue or change at any time specifications or designs without notice or without incurring obligations.

DCC – Three-Phase Packaged Air Conditioners

15 to 25 Tons

5 YEAR PARTS LIMITED WARRANTY*

*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

The Daikin DCC Commercial Packaged Air Conditioners feature the chlorine-free refrigerant R-410A. Other features include a high-efficiency scroll compressor and easy access for servicing. These units are housed in a heavy-gauge, galvanized steel cabinet with UV-resistant powder-paint finish.

DESIGNED FOR EXCEPTIONAL DURABILITY, ENERGY EFFICIENCY, AND OUTSTANDING PERFORMANCE.

- R-410A chlorine-free refrigerant
- High-efficiency scroll compressors
- Copper tube/aluminum fin coils
- Contactor with lugs
- High-capacity, steel-cased filter drier
- High -and low- pressure switches
- Aluminum micro-channel indoor coil on 25-ton units
- 24-volt terminal strip
- Easy to service
- 25-ton unit contains three outdoor fans
- Built-in filter rack with standard 2" filters (convertible to 4" filters)
- AHRI Certified; ETL Listed
- Heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish
- Full perimeter rail

Model	Cooling Capacity		EER / IEER	Voltage-Phase	Electric Heat (kW)	Dimensions			dB(A)	Ship Weight (lbs)
	BTU/h	CFM				W"	D"	H"		
DCC180***3B***A*	180,000	6,000	11 / 11.2	208-230/3	30, 45, 60	133½	88 4/32	50¾	88	2080
DCC180***3V***A*	180,000	6,000	11 / 12.8	208-230/3	30, 45, 60	133½	88 4/32	50¾	88	2080
DCC180***4B***A*	180,000	6,000	11 / 11.2	460/3	30, 45, 60	133½	88 4/32	50¾	88	2080
DCC180***4V***A*	180,000	6,000	11 / 12.8	460/3	30, 45, 60	133½	88 4/32	50¾	88	2080
DCC180***7B***A*	180,000	6,000	11 / 11.2	575/3	30, 45, 60	133½	88 4/32	50¾	88	2080
DCC180***7V***A*	180,000	6,000	11 / 12.8	575/3	30, 45, 60	133½	88 4/32	50¾	88	2080
DCC240***3B***A*	240,000	7,000	10.0 / 10.1	208-230/3	30, 45, 60, 75	133½	88 4/32	50¾	88	2202
DCC240***3V***A*	240,000	7,000	10.0 / 11.5	208-230/3	30, 45, 60, 75	133½	88 4/32	50¾	88	2202
DCC240***4B***A*	240,000	7,000	10.0 / 10.1	460/3	30, 45, 60, 75	133½	88 4/32	50¾	88	2202
DCC240***4V***A*	240,000	7,000	10.0 / 11.5	460/3	30, 45, 60, 75	133½	88 4/32	50¾	88	2202
DCC240***7B***A*	240,000	7,000	10.0 / 10.1	575/3	30, 45, 60, 75	133½	88 4/32	50¾	88	2202
DCC240***7V***A*	240,000	7,000	10.0 / 11.5	575/3	30, 45, 60, 75	133½	88 4/32	50¾	88	2202

Daikin North America LLC, reserves the right to discontinue or change at any time specifications or designs without notice or without incurring obligations.

Model	Cooling Capacity		EER / IEER	Voltage-Phase	Electric Heat (kW)	Dimensions			dB(A)	Ship Weight (lbs)
	BTU/h	CFM				W"	D"	H"		
DCC300***3B***A*	290,000	8,200	10.2 / 11.2	208-230/3	30, 45, 60, 75	133½	88 4/32	53 7/32	92	2377
DCC300***3V***A*	290,000	8,200	10.2 / 11.8	208-230/3	30, 45, 60, 75	133½	88 4/32	53 7/32	92	2377
DCC300***4B***A*	290,000	8,200	10.2 / 11.2	460/3	30, 45, 60, 75	133½	88 4/32	53 7/32	92	2377
DCC300***4V***A*	290,000	8,200	10.2 / 11.8	460/3	30, 45, 60, 75	133½	88 4/32	53 7/32	92	2377
DCC300***7B***A*	290,000	8,200	10.2 / 11.2	575/3	30, 45, 60, 75	133½	88 4/32	53 7/32	92	2377
DCC300***7V***A*	290,000	8,200	10.2 / 11.8	575/3	30, 45, 60, 75	133½	88 4/32	53 7/32	92	2377

Daikin North America LLC, reserves the right to discontinue or change at any time specifications or designs without notice or without incurring obligations.

5 YEAR PARTS LIMITED WARRANTY*

*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

DCH – Three-Phase Package Heat Pumps

3 to 6 Tons

The Daikin DCH Commercial Packaged Heat Pumps feature the chlorine-free refrigerant R-410A. Other features include high-efficiency scroll compressors and easy access for servicing. These units are housed in a heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish.

DESIGNED FOR EXCEPTIONAL DURABILITY, ENERGY EFFICIENCY, AND OUTSTANDING PERFORMANCE.

- R-410A chlorine-free refrigerant
- High-efficiency scroll compressor
- Copper tube/aluminum fin coils
- Contactor with lugs
- AHRI Certified; ETL Listed
- High-capacity, steel-cased filter drier
- Bottom utility entry
- 24-volt terminal strip
- Convertible airflow orientation
- Easy to service
- Built-in filter rack with standard 2" filters
- Heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish
- Full perimeter rail; Curb fit

Model	Nominal Capacities[1]			SEER/ EER	Voltage-Phase	Electric Heat (kW)	Dimensions			dB(A)	Ship Weight (lbs)
	Cooling	CFM	Heating				W"	D"	H"		
DCH036***3D***	35,600	1,200	34,600	13 / 11	208/230-3	10, 15	74 1/16	48 5/16	38 13/16	78	605
DCH036***3B***	35,600	1,200	34,600	13 / 11	208/230-3	10, 15	74 1/16	48 5/16	38 13/16	78	605
DCH036***4B***	35,600	1,200	34,600	13 / 11	460-3	10, 15	74 1/16	48 5/16	38 13/16	78	605
DCH036***7B***	35,600	1,200	34,600	13 / 11	575-3	10, 15	74 1/16	48 5/16	38 13/16	78	605
DCH048***3D***	46,000	1,600	45,000	13 / 11.3	208/230-3	10, 15,18	74 1/16	48 5/16	38 13/16	78	610
DCH048***3B***	46,000	1,600	45,000	13 / 11.3	208/230-3	10, 15,18	74 1/16	48 5/16	38 13/16	78	610
DCH048***4B***	46,000	1,600	45,000	13 / 11.3	460-3	10, 15,18	74 1/16	48 5/16	38 13/16	78	610
DCH048***7B***	46,000	1,600	45,000	13 / 11.3	575-3	10, 15,18	74 1/16	48 5/16	38 13/16	78	610
DCH060***3D***	59,500	1,950	57,000	13 / 11	208/230-3	10, 15, 20	74 1/16	48 5/16	38 13/16	78	615
DCH060***3B***	59,500	1,950	57,000	13 / 11	208/230-3	10, 15, 20	74 1/16	48 5/16	38 13/16	78	615
DCH060***4B***	59,500	1,950	57,000	13 / 11	460-3	10, 15, 20	74 1/16	48 5/16	38 13/16	78	615
DCH060***7B***	59,500	1,950	57,000	13 / 11	575-3	10, 15,20	74 1/16	48 5/16	38 13/16	78	615

Model	Nominal Capacities[1]			EER/ IEER	Voltage-Phase	Electric Heat (kW)	Dimensions			dB(A)	Ship Weight (lbs)
	Cooling	CFM	Heating				W"	D"	H"		
DCH072***3B***	71,000	2,400	70,000	11.1 / 11.2	208/230-3	10, 15, 20, 25	74 1/16	48 5/16	42 13/16	78	675
DCH072***4B***	71,000	2,400	70,000	11.1 / 11.2	460-3	10, 15, 20, 25	74 1/16	48 5/16	42 13/16	78	675
DCH072***7B***	71,000	2,400	70,000	11.1 / 11.2	575-3	10, 15, 20, 25	74 1/16	48 5/16	42 13/16	78	675

[1] BTU/h | Daikin North America LLC, reserves the right to discontinue or change at any time specifications or designs without notice or without incurring obligations.

DCH – Three-Phase Packaged Heat Pumps

7½ to 12½ Tons

5 YEAR PARTS LIMITED WARRANTY*

*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

The Daikin DCH Commercial Packaged Heat Pumps feature high-efficiency scroll compressors, two-stage cooling, and easy access for servicing. These units are housed in a heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish.

DESIGNED FOR EXCEPTIONAL DURABILITY, ENERGY EFFICIENCY, AND OUTSTANDING PERFORMANCE.

- R-410A chlorine-free refrigerant
- High-efficiency scroll compressors
- Two-stage cooling
- Copper tube/aluminum fin coils
- Contactor with lugs
- High-capacity, steel-cased filter drier
- 24-volt terminal strip
- Convertible airflow orientation
- Easy to service
- Built-in filter rack with standard 2" filters
- AHRI Certified; ETL Listed
- Heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish
- Full perimeter rail; Curb fit

Model	Nominal Capacities[1]			EER/ IEER	Voltage-Phase	Electric Heat (kW)	Dimensions			Sound Level dB(A)	Ship Weight (lbs)
	Cooling	CFM	Heating				W"	D"	H"		
DCH090***3B***A*	90,000	3,000	90,000	11.5 / 11.5	208/230-3	16,30,45	100 6/64	61¾	52⅞	83	1175
DCH090***3V***A*	90,000	3,000	90,000	11.5 / 12.8	208/230-3	16,30,45	100 6/64	61¾	52⅞	83	1175
DCH090***4B***A*	90,000	3,000	90,000	11.5 / 11.5	460-3	16,30,45	100 6/64	61¾	52⅞	83	1175
DCH090***4V***A*	90,000	3,000	90,000	11.5 / 12.8	460-3	16,30,45	100 6/64	61¾	52⅞	83	1175
DCH090***7B***A*	90,000	3,000	90,000	11.5 / 11.5	575-3	16,30,45	100 6/64	61¾	52⅞	83	1175
DCH090***7V***A*	90,000	3,000	90,000	11.5 / 12.8	575-3	16,30,45	100 6/64	61¾	52⅞	83	1175
DCH102***3B***A*	102,000	3,400	102,000	11.1 / 11.2	208/230-3	16,30,45	100 6/64	61¾	52⅞	83	1310
DCH102***3V***A*	102,000	3,400	102,000	11.1/13.0	208/230-3	16,30,45	100 6/64	61¾	52⅞	83	1310
DCH102***4B***A*	102,000	3,400	102,000	11.1 / 11.2	460-3	16,30,45	100 6/64	61¾	52⅞	83	1310
DCH102***4V***A*	102,000	3,400	102,000	11.1/13.0	460-3	16,30,45	100 6/64	61¾	52⅞	83	1310
DCH102***7B***A*	102,000	3,400	102,000	11.1 / 11.2	575-3	16,30,45	100 6/64	61¾	52⅞	83	1310
DCH102***7V***A*	102,000	3,400	102,000	11.1/13.0	575-3	16,30,45	100 6/64	61¾	52⅞	83	1310
DCH120***3B***A*	115,000	3,500	116,000	11.1/11.5	208/230-3	16,30,45	100 6/64	61¾	52⅞	83	1310
DCH120***3V***A*	113,000	3,500	116,000	11.1 / 12.6	208/230-3	16,30,45	100 6/64	61¾	52⅞	83	1310
DCH120***4B***A*	115,000	3,500	116,000	11.1 / 11.5	460-3	16,30,45	100 6/64	61¾	52⅞	83	1310
DCH120***4V***A*	113,000	3,500	116,000	11.1 / 12.6	460-3	16,30,45	100 6/64	61¾	52⅞	83	1310
DCH120***7B***A*	115,000	3,500	116,000	11.1 / 11.5	575-3	16,30,45	100 6/64	61¾	52⅞	83	1310
DCH120***7V***A*	113,000	3,500	116,000	11.1 / 12.6	575-3	16,30,45	100 6/64	61¾	52⅞	83	1310
DCH150***3B***A*	140,000	5,000	142,000	10.6 / 10.7	208/230-3	16,30,45	100 6/64	61¾	58⅞	83	1350
DCH150***3V***A*	140,000	5,000	142,000	10.6 / 11.8	208/230-3	16,30,45	100 6/64	61¾	58⅞	83	1350
DCH150***4B***A*	140,000	5,000	142,000	10.6 / 10.7	460-3	16,30,45	100 6/64	61¾	58⅞	83	1350
DCH150***4V***A*	140,000	5,000	142,000	10.6 / 11.8	460-3	16,30,45	100 6/64	61¾	58⅞	83	1350
DCH150***7B***A*	140,000	5,000	142,000	10.6 / 10.7	575-3	16,30,45	100 6/64	61¾	58⅞	83	1350
DCH150***7V***A*	140,000	5,000	142,000	10.6 / 11.8	575-3	16,30,45	100 6/64	61¾	58⅞	83	1350

[1] BTU/h | Daikin North America LLC, reserves the right to discontinue or change at any time specifications or designs without notice or without incurring obligations.

*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

DCG – Three-Phase Package Gas/Electric

3 to 6 Tons

The Daikin DCG Commercial Packaged Gas/Electric Units feature the chlorine-free refrigerant R-410A.Other features include our patented dual-diameter tubular heat exchanger and a high-efficiency scroll compressor. These units are housed in a heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish.

DESIGNED FOR EXCEPTIONAL DURABILITY, ENERGY EFFICIENCY, AND OUTSTANDING PERFORMANCE.

- R-410A chlorine-free refrigerant
- Aluminized-steel tubular heat exchanger; stainless-steel heat exchanger optional
- High-efficiency scroll compressor
- Copper tube/aluminum fin coils
- Contactor with lugs
- High-capacity, steel-cased filter drier
- 24-volt terminal strip
- Easy to service and Convertible
- Built-in filter rack with standard 2" filters
- Bottom utility entry
- AHRI Certified; ETL Listed
- Complies with California Low NOx emissions standards
- Full perimeter rail; Curb fit

Model	Nominal Capacities[1]			SEER/ EER	Voltage-Phase	Dimensions			Sound Level dB(A)	Ship Weight (lbs)
	Cooling	Cooling CFM	Heating			W"	D"	H"		
DCG0360453D***A*	34,600	1,200	46,000	13 / 11	208/230-3	74 1/16	48 5/16	38 13/16	78	550
DCG0360453B***A*	34,600	1,200	46,000	13 / 11	208/230-3	74 1/16	48 5/16	38 13/16	78	550
DCG0360454B***A*	34,600	1,200	46,000	13 / 11	460-3	74 1/16	48 5/16	38 13/16	78	550
DCG0360903D***A*	34,600	1,200	92,000	13 / 11	208/230-3	74 1/16	48 5/16	38 13/16	78	560
DCG0360903B***A*	34,600	1,200	92,000	13 / 11	208/230-3	74 1/16	48 5/16	38 13/16	78	560
DCG0360904B***A*	34,600	1,200	92,000	13 / 11	460-3	74 1/16	48 5/16	38 13/16	78	560
DCG0360907B***A*	34,600	1,200	92,000	13 / 11	575-3	74 1/16	48 5/16	38 13/16	78	560
DCG0480903D***A*	45,500	1,600	92,000	13 / 11.3	208/230-3	74 1/16	48 5/16	38 13/16	78	600
DCG0480903B***A*	45,500	1,600	92,000	13 / 11.3	208/230-3	74 1/16	48 5/16	38 13/16	78	600
DCG0480904B***A*	45,500	1,600	92,000	13 / 11.3	460-3	74 1/16	48 5/16	38 13/16	78	600
DCG0481153D***A*	45,500	1,600	115,000	13 / 11.3	208/230-3	74 1/16	48 5/16	38 13/16	78	610
DCG0481153B***A*	45,500	1,600	115,000	13 / 11.3	208/230-3	74 1/16	48 5/16	38 13/16	78	610
DCG0481154B***A*	45,500	1,600	115,000	13 / 11.3	460-3	74 1/16	48 5/16	38 13/16	78	610
DCG0481157B***A*	45,500	1,600	115,000	13 / 11.3	575-3	74 1/16	48 5/16	38 13/16	78	610

[1] BTU/h | Daikin North America LLC, reserves the right to discontinue or change at any time specifications or designs without notice or without incurring obligations.

DCG – Three-Phase Packaged Gas/Electric (cont.)

3 to 6 Tons

*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

The Daikin DCG Commercial Packaged Gas/Electric Units feature the chlorine-free refrigerant R-410A. Other features include our patented dual-diameter tubular heat exchanger and a high-efficiency scroll compressor. These units are housed in a heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish.

DESIGNED FOR EXCEPTIONAL DURABILITY, ENERGY EFFICIENCY, AND OUTSTANDING PERFORMANCE.

- R-410A chlorine-free refrigerant
- High-efficiency scroll compressors
- Copper tube/aluminum fin coils
- Contactor with lugs
- High-capacity, steel-cased filter drier
- Bottom utility entry
- 24-volt terminal strip
- Convertible airflow orientation
- Easy to service
- Built-in filter rack with standard 2" filters
- AHRI Certified; ETL Listed
- Heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish
- Full perimeter rail; Curb fit

Model	Nominal Capacities[1]			SEER/ EER	Voltage-Phase	Dimensions			dB(A)	Ship Weight (lbs)
	Cooling	Cooling CFM	Heating			W"	D"	H"		
DCG0600903D***A*	58,000	1,900	92,000	13 / 11.1	208/230-3	74 1/16	48 5/16	38 13/16	78	635
DCG0600903B***A*	58,000	1,900	92,000	13 / 11.1	208/230-3	74 1/16	48 5/16	38 13/16	78	635
DCG0600904B***A*	58,000	1,900	92,000	13 / 11.1	575-3	74 1/16	48 5/16	38 13/16	78	635
DCG0601403D***A*	58,000	1,900	138,000	13 / 11.1	208/230-3	74 1/16	48 5/16	38 13/16	78	645
DCG0601403B***A*	58,000	1,900	138,000	13 / 11.1	208/230-3	74 1/16	48 5/16	38 13/16	78	645
DCG0601404B***A*	58,000	1,900	138,000	13 / 11.1	460-3	74 1/16	48 5/16	38 13/16	78	645
DCG0601407B***A*	58,500	1,900	138,000	13 / 11.0	575-3	74 1/16	48 5/16	38 13/16	78	655

[1] BTU/h | Daikin North America LLC, reserves the right to discontinue or change at any time specifications or designs without notice or without incurring obligations.

Model	Nominal Capacities[1]			EER/ IEER	Voltage-Phase	Dimensions			dB(A)	Ship Weight (lbs)
	Cooling	Cooling CFM	Heating			W"	D"	H"		
DCG0721403B***A*	71,000	2,350	138,000	11.0 / 11.2	208/230-3	74 1/16	48 5/16	42 13/6	78	715
DCG0721404B***A*	71,000	2,350	138,000	11.0 / 11.2	460-3	74 1/16	48 5/16	42 13/6	78	715
DCG0721407B***A*	71,000	2,350	138,000	11.0 / 11.2	575-3	74 1/16	48 5/16	42 13/6	78	715

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*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

DCG – Three-Phase Package Gas/Electric

7½ to 12½ Tons

The Daikin DCG Commercial Packaged Gas/Electric Units feature the chlorine-free refrigerant R-410A. Other features include our patented dual-diameter tubular heat exchanger and a high-efficiency scroll compressor. These units are housed in a heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish.

DESIGNED FOR EXCEPTIONAL DURABILITY, ENERGY EFFICIENCY, AND OUTSTANDING PERFORMANCE.

- R-410A chlorine-free refrigerant
- Aluminized-steel tubular heat exchanger; stainless-steel heat exchanger optional
- High-efficiency scroll compressors
- Two-stage cooling
- Copper tube/aluminum fin coils
- Contactor with lugs
- High-capacity, steel-cased filter drier
- 24-volt terminal strip
- Easy to service and Convertible
- Built-in filter rack with standard 2" filters
- AHRI Certified; ETL Listed
- Complies with California Low NOx emissions standards
- Full perimeter rail; Curb fit

Model	Nominal Capacities[1]			EER/ IEER	Voltage-Phase	Dimensions			dB(A)	Ship Weight (lbs)
	Cooling	CFM	Heating			W"	D"	H"		
DCG0902103B***A*	88,000	3,000	210,000	11.3 / 11.5	208/230-3	100 6/64	61¾	52⅞	82	1175
DCG0902103V***A*	88,000	3,000	210,000	11.3 / 13.0	208/230-3	100 6/64	61¾	52⅞	82	1175
DCG0902104B***A*	88,000	3,000	210,000	11.3 / 11.5	460-3	100 6/64	61¾	52⅞	82	1175
DCG0902104V***A*	88,000	3,000	210,000	11.3 / 13.0	460-3	100 6/64	61¾	52⅞	82	1175
DCG0902107B***A*	88,000	3,000	210,000	11.3 / 11.5	575-3	100 6/64	61¾	52⅞	82	1175
DCG0902107V***A*	88,000	3,000	210,000	11.3 / 13.0	575-3	100 6/64	61¾	52⅞	82	1175
DCG1022103B***A*	102,000	3,200	210,000	11.3 / 11.2	208/230-3	100 6/64	61¾	52⅞	83	1215
DCG1022103V***A*	102,000	3,200	210,000	11.3/13.4	208/230-3	100 6/64	61¾	52⅞	83	1215
DCG1022104B***A*	102,000	3,200	210,000	11.3 / 11.2	460-3	100 6/64	61¾	52⅞	83	1215
DCG1022104V***A*	102,000	3,200	210,000	11.3/13.4	460-3	100 6/64	61¾	52⅞	83	1215
DCG1022107B***A*	102,000	3,200	210,000	11.3 / 11.2	575-3	100 6/64	61¾	52⅞	83	1215
DCG1022107V***A*	102,000	3,200	210,000	11.3/13.4	575-3	100 6/64	61¾	52⅞	83	1215
DCG1202103B***A*	116,000	3,500	210,000	11.3 / 11.5	208/230-3	100 6/64	61¾	52⅞	83	1215
DCG1202103V***A*	116,000	3,500	210,000	11.3 / 12.8	208/230-3	100 6/64	61¾	52⅞	83	1215
DCG1202104B***A*	116,000	3,500	210,000	11.3 / 11.5	460-3	100 6/64	61¾	52⅞	83	1215
DCG1202104V***A*	116,000	3,500	210,000	11.3 / 12.8	460-3	100 6/64	61¾	52⅞	83	1215
DCG1202107B***A*	116,000	3,500	210,000	11.3 / 11.5	575-3	100 6/64	61¾	52⅞	83	1215
DCG1202107V***A*	116,000	3,500	210,000	11.3 / 12.8	575-3	100 6/64	61¾	52⅞	83	1215
DCG1502103B***A*	144,000	3,900	210,000	10.8 / 11.0	208/230-3	100 6/64	61¾	58⅞	83	1340
DCG1502103V***A*	144,000	3,900	210,000	10.8 / 12.0	208/230-3	100 6/64	61¾	58⅞	83	1340
DCG1502104B***A*	144,000	3,900	210,000	10.8 / 11.0	460-3	100 6/64	61¾	58⅞	83	1340
DCG1502104V***A*	144,000	3,900	210,000	10.8 / 12.0	460-3	100 6/64	61¾	58⅞	83	1340
DCG1502107B***A*	144,000	3,900	210,000	10.8 / 11.0	575-3	100 6/64	61¾	58⅞	83	1340
DCG1502107V***A*	144,000	3,900	210,000	10.8 / 12.0	575-3	100 6/64	61¾	58⅞	83	1340

[1] BTU/h | Daikin North America LLC, reserves the right to discontinue or change at any time specifications or designs without notice or without incurring obligations.

DCG – Three-Phase Packaged Gas/Electric

15 to 25 Tons

*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

The Daikin DCG Commercial Packaged Gas/Electric Units feature the chlorine-free refrigerant R-410A. Other features include our innovative tubular heat exchanger and a high-efficiency scroll compressor. These units are housed in a heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish.

DESIGNED FOR EXCEPTIONAL DURABILITY, ENERGY EFFICIENCY, AND OUTSTANDING PERFORMANCE.

- R-410A chlorine-free refrigerant
- Unique tubular heat exchanger
- High-efficiency scroll compressors
- Copper tube/aluminum fin coils
- Contactor with lugs
- 24-volt terminal strip
- High-capacity, steel-cased filter drier
- Built-in filter rack with standard 2" filters (convertible to 4" filters)
- High -and low- pressure switches
- AHRI Certified; ETL Listed
- Easy to service
- Full perimeter rail
- Aluminum micro-channel indoor coil on 25-ton units
- 25-ton unit contains three outdoor fans

Model	Nominal Capacities[1]			EER/ IEER	AFUE	Voltage-Phase	Dimensions			dB(A)	Ship Weight (lbs.)
	Cooling	CFM	Heating				W"	D"	H"		
DCG1803503B***A*	180,000	5,600	350,000	10.8 / 11.0	80%	208-230/3	133½	88 4/32	50¾	88	2198
DCG1803503V***A*	180,000	5,600	350,000	10.8 / 12.6	80%	208-230/3	133½	88 4/32	50¾	88	2198
DCG1803504B***A*	180,000	5,600	350,000	10.8 / 11.0	80%	460/3	133½	88 4/32	50¾	88	2198
DCG1803504V***A*	180,000	5,600	350,000	10.8 / 12.6	80%	460/3	133½	88 4/32	50¾	88	2198
DCG1803507B***A*	180,000	5,600	350,000	10.8 / 11.0	80%	575/3	133½	88 4/32	50¾	88	2198
DCG1803507V***A*	180,000	5,600	350,000	10.8 / 12.6	80%	575/3	133½	88 4/32	50¾	88	2198
DCG2404003B***A*	240,000	7,000	400,000	9.8 / 10.0	80%	208-230/3	133½	88 4/32	50¾	88.3	2357
DCG2404003V***A*	240,000	7,000	400,000	9.8 / 11.3	80%	208-230/3	133½	88 4/32	50¾	88.3	2357
DCG2404004B***A*	240,000	7,000	400,000	9.8 / 10.0	80%	460/3	133½	88 4/32	50¾	88.3	2357
DCG2404004V***A*	240,000	7,000	400,000	9.8 / 11.3	80%	460/3	133½	88 4/32	50¾	88.3	2357
DCG2404007B***A*	240,000	7,000	400,000	9.8 / 10.0	80%	575/3	133½	88 4/32	50¾	88.3	2357
DCG2404007V***A*	240,000	7,000	400,000	9.8 / 11.3	80%	575/3	133½	88 4/32	50¾	88.3	2357

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Model	Nominal Capacities[1]			EER/ IEER	AFUE	Voltage-Phase	Dimensions			dB(A)	Ship Weight (lbs.)
	Cooling	CFM	Heating				W"	D"	H"		
DCG3004003B***A*	290,000	8,200	400,000	9.8 / 10.0	80%	208-230/3	133½	88 4/32	53 7/32	92.3	2513
DCG3004003V***A*	290,000	8,200	400,000	9.8 / 11.4	80%	208-230/3	133½	88 4/32	53 7/32	92.3	2513
DCG3004004B***A*	290,000	8,200	400,000	9.8 / 10.0	80%	460/3	133½	88 4/32	53 7/32	92.3	2513
DCG3004004V***A*	290,000	8,200	400,000	9.8 / 11.4	80%	460/3	133½	88 4/32	53 7/32	92.3	2513
DCG3004007B***A*	290,000	8,200	400,000	9.8 / 10.0	80%	575/3	133½	88 4/32	53 7/32	92.3	2513
DCG3004007V***A*	290,000	8,200	400,000	9.8 / 11.4	80%	575/3	133½	88 4/32	53 7/32	92.3	2513

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5 YEAR PARTS LIMITED WARRANTY*

*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

The Daikin DT High-Efficiency Commercial Packaged Air Conditioners and Heat Pumps feature a high-efficiency scroll compressor, high-capacity steel-cased filter drier, and easy access for servicing. These units are housed in a heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish.

DESIGNED FOR EXCEPTIONAL DURABILITY, ENERGY EFFICIENCY, AND OUTSTANDING PERFORMANCE.

- High-efficiency scroll compressor
- Copper tube/aluminum fin coils
- Contactor with lugs
- High-capacity, steel-cased filter drier
- 24-volt terminal strip
- Convertible airflow orientation
- Easy to service
- Built-in filter rack with standard 2" filters
- Heat Kits with single-point entry
- AHRI Certified; ETL Listed
- Heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish
- Full perimeter rail; Curb fit

DTC Air Conditioners

Model	Cooling Capacity		SEER / EER	Voltage-Phase	Electric Heat (kW)	Dimensions			dB(A)	Ship Weight (lbs)
	BTU/h	CFM				W"	D"	H"		
DTC036***1D***A*	35,600	1,200	15.5/ 13.0	208/230-1	10, 15	74 1/16	48 5/16	38 13/16	78	525
DTC048***1D***A*	45,500	1,600	15.0/ 12.0	208/230-1	10, 15, 18	74 1/16	48 5/16	38 13/16	78	560
DTC060***1D***A*	59,000	2,000	15.0/ 12.0	208/230-1	10, 15, 20	74 1/16	48 5/16	42 13/16	78	640

[1] BTU/h | Daikin North America LLC, reserves the right to discontinue or change at any time specifications or designs without notice or without incurring obligations.

DTH Heat Pumps

Model	Nominal Capacities[1]			SEER / EER	Voltage-Phase	Electric Heat (kW)	Dimensions			dB(A)	Ship Weight (lbs)
	Cooling	CFM	Heating				W"	D"	H"		
DTH036***1D***A*	35,400	1,200	34,800	15.0/12.0	208/230-1	10, 15	74 1/16	48 5/16	38 13/16	78	605
DTH048***1D***A*	46,500	1,600	44,500	15.0/12.0	208/230-1	10, 15,18	74 1/16	48 5/16	38 13/16	78	610
DTH060***1D***A*	59,500	2,000	56,000	15.0/12.0	208/230-1	10, 15, 20	74 1/16	48 5/16	42 13/16	78	615

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DTG Gas/Electric

Model	Nominal Capacities[1]			SEER / EER	Voltage-Phase	AFUE	Dimensions			dB(A)	Ship Weight (lbs)
	Cooling	CFM	Heating				W"	D"	H"		
DTG0360451D***A*	35,600	1,200	46,000	15.5/13.0	208/230 - 1	81%	74 1/16	48 5/16	38 13/16	78	550
DTG0360901D***A*	35,600	1,200	92,000	15.5/13.0	208/230 - 1	81%	74 1/16	48 5/16	38 13/16	78	560
DTG0480901D***A*	45,500	1,600	92,000	15.0/12.0	208/230 - 1	81%	74 1/16	48 5/16	38 13/16	78	600
DTG0481151D***A*	45,500	1,600	115,000	15.0/12.0	208/230 - 1	81%	74 1/16	48 5/16	38 13/16	78	597
DTG0600901D***A*	59,000	2,000	92,000	15.0/12.0	208/230 - 1	81%	74 1/16	48 5/16	42 13/16	78	638
DTG0601401D***A*	59,000	2,000	138,000	15.0/12.0	208/230 - 1	81%	74 1/16	48 5/16	42 13/16	78	655

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DP13CM – Three-Phase Packaged Air Conditioners

3 to 5 Tons

5 YEAR PARTS LIMITED WARRANTY*

*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

The Daikin DP13CM Commercial Packaged Air Conditioner provides energy-efficient cooling and cooling performance in one self-contained unit. This unit uses the chlorine-free refrigerant R-410A. The DP13CM is housed in a heavy-gauge, galvanized-steel cabinet that offers a high-quality, UV-resistant powder-paint finish and allows for a ground-level or rooftop mount.

DESIGNED FOR EXCEPTIONAL DURABILITY, ENERGY EFFICIENCY, AND OUTSTANDING PERFORMANCE.

- Energy-efficient compressor with internal relief valve
- Fully charged R-410A system
- EEM blower motor; PSC blower motor on 3-ton units
- Copper tube/aluminum fin coils
- Totally enclosed, permanently lubricated condenser fan motor
- Electric heat kit available as a field-installed option
- Convertible airflow — horizontal or downflow
- Louvered condenser coil protection
- Heavy-gauge galvanized-steel cabinet with attractive Nickel Gray powder-paint finish
- Fully insulated air-handling compartment with convenient access panels

Model	Cooling Capacity		SEER/ EER	Voltage-Phase	Electric Heat (kW)	Dimensions			dB(A)	Ship Weight (lbs)
	BTU/h	CFM				W"	D"	H"		
DP13CM3643	35,000	1,180	13 / 11	208/230-3	15	47	51	34¾	80.1	365
DP13CM4843	45,500	1,675	13 / 11	208/230-3	15, 20	47	51	42¾	81.7	435
DP13CM6043	56,000	1,750	13 / 10.9	208/230-3	15, 20	47	51	42¾	80.2	445

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DP13HM – Three-Phase Packaged Heat Pumps

3 to 5 Tons

The Daikin DP13HM Commercial Packaged Heat Pump provides energy-efficient cooling and heating performance in one self-contained unit. This unit uses the chlorine-free refrigerant R-410A. This unit is housed in a heavy-gauge, galvanized-steel cabinet that offers a high-quality, UV-resistant powder-paint finish and allows for a ground-level or rooftop mount.

DESIGNED FOR EXCEPTIONAL DURABILITY, ENERGY EFFICIENCY, AND OUTSTANDING PERFORMANCE.

- Energy-efficient compressor with internal relief valve
- Fully charged with R-410A chlorine-free refrigerant
- EEM blower motor
- Copper tube/aluminum fin coil
- Convertible airflow — horizontal or downflow
- Totally enclosed, permanently lubricated condenser fan motor
- Electric heat kit available as a field-installed accessory
- Heavy-gauge galvanized-steel cabinet
- Attractive Nickel Gray powder-paint finish
- Fully insulated blower compartment with convenient access panels
- Louvered condenser coil protection
- One footprint; two heights

Model	Nominal Capacities[1]			Electric Heat (kW)	SEER/ EER	Voltage-Phase	Dimensions			dB(A)	Ship Weight (lbs)
	Cooling	CFM	Heating				W"	D"	H"		
DP13HM3643**	34,600	1,200	34,600	15	13 /11	208/230-3	47	51	34¾	80	400
DP13HM4843**	47,000	1,690	47,000	15, 20	13 / 11	208/230-3	47	51	42¾	80	485
DP13HM6043**	56,000	1,775	55,500	15, 20	13 / 10.9	208/230-3	47	51	42¾	80	495

[1] BTU/h | Daikin North America LLC, reserves the right to discontinue or change at any time specifications or designs without notice or without incurring obligations.

DP13GM – Three-Phase Packaged Gas/Electric

3 to 5 Tons

5 YEAR PARTS LIMITED WARRANTY*

*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

The Daikin DP13GM Commercial Packaged Gas/Electric Units feature the chlorine-free refrigerant R-410A. Other features include our corrosion-resistant tubular heat exchanger and an energy-efficient scroll compressor. These units are housed in a heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish.

DESIGNED FOR EXCEPTIONAL DURABILITY, ENERGY EFFICIENCY, AND OUTSTANDING PERFORMANCE.

- Energy-efficient compressor with internal relief valve
- EEM blower motor; PSC blower motor on 3-ton units
- Durable, corrosion-resistant aluminized-steel tubular heat exchanger
- Fully charged R-410A system
- Copper tube/aluminum fin coils
- Gas valve for natural gas with easy conversion to propane
- Direct-spark ignition system includes a microprocessor-based control for the entire ignition sequence
- All blower operation and all safety circuits complete with self-diagnostics
- All models comply with California Low NOx standards
- ARI Certified; ETL Certified
- Heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish
- Fully insulated cabinet
- One roof curb fits all units
- One footprint; one height
- Convenient access panels
- Fits in a standard-size pick-up truck

Model	Nominal Capacities[1]			SEER/ EER	AFUE	Voltage-Phase	Dimensions			dB(A)	Ship Weight (lbs.)
	Cooling	CFM	Heating				W"	D"	H"		
DP13GM3609043**	35,000	1,250	92,000	13 / 11	80%	208/230-3	47	51	34¾	78	513
DP13GM4809043**	46,000	1,520	92,000	13 / 11	80%	208/230-3	47	51	42¾	80	545
DP13GM6009043**	56,500	1,750	92,000	13 / 10.6	80%	208/230-3	47	51	42¾	80	555
DP13GM6014043**	56,500	1,750	138,000	13 / 10.6	80%	208/230-3	47	51	42¾	80	565

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5 YEAR PARTS LIMITED WARRANTY*

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DX13SA – 13 SEER Air Conditioners –

3 to 5 Tons

The Daikin DX13SA Three-Phase Air Conditioner uses the chlorine-free refrigerant R-410A and features operating sound levels that are among the best in the heating and cooling industry. With its 13 SEER rating, the DX13SA will help reduce energy consumption throughout the life of the system compared to lower SEER-rated equipment.

DESIGNED FOR EXCEPTIONAL DURABILITY, ENERGY EFFICIENCY, AND OUTSTANDING PERFORMANCE.

- R-410A chlorine-free refrigerant
- Energy-efficient compressor
- Factory-installed filter drier
- Copper tube/enhanced aluminum fin coil
- Complies with ASHRAE Standard 90.1
- AHRI Certified; ETL Listed
- Louvered sound control top design
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Nickel Gray powder-paint finish
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories

Model	Cooling Capacity (BTU/h)	SEER	Voltage-Phase	Dimensions			Service Valve		dB(A)	Ship Weight (lbs)
				W"	D"	H"	Liquid	Suction		
DX13SA0363**	36,000	13	208/230-3	29"	29	28¾	⅞"	¾"	74	196
DX13SA0364**	36,000	13	460-3	29"	29	28¾	⅞"	¾"	74	196
DX13SA0483**	48,000	13	208/230-3	29"	29	36¼	⅞"	⅞"	76	190
DX13SA0484**	48,000	13	460-3	29"	29	36¼	⅞"	⅞"	76	189
DX13SA0603**	60,000	13	208/230-3	35½	35½	38¼	⅞"	⅞"	72	301
DX13SA0604**	60,000	13	460-3	35½	35½	38¼	⅞"	⅞"	72	301

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Air Conditioners – DX11SA

7½ & 10 Tons

5 YEAR PARTS LIMITED WARRANTY*

*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

The Daikin DX11SA Commercial Air Conditioner cabinet features a powder-paint finish over heavy-gauge galvanized steel that provides premium durability and improved UV protection. Designed for ground-level or rooftop mount, the base pan elevates the unit above the slab to provide excellent water drainage and keep the coil away from debris that can collect inside the unit. The unit's attractive louvered metal guard protects the coil from damage and strengthens the unit.

DESIGNED FOR EXCEPTIONAL DURABILITY, ENERGY EFFICIENCY, AND OUTSTANDING PERFORMANCE.

- R-410A chlorine-free refrigerant
- Energy-efficient compressor with internal pressure relief valve
- High-capacity, steel-cased filter drier
- High-efficiency copper tube/aluminum fin coil High- and low-pressure switches
- ARI Certified; ETL Listed
- Louvered sound control top design
- Steel louver coil guard protects coil from damage and adds strength to the unit
- Bottom pan rails elevate unit above slab
- Heavy-gauge galvanized-steel cabinet
- Attractive Nickel Gray powder-paint finish

Model	Cooling Capacity (BTU/h)	EER / IEER	Voltage-Phase	Dimensions			Service Valve		dB(A)	Ship Weight (lbs)
				W"	D"	H"	Liquid	Suction		
DX11SA0903**	88,000	11.2 / 11.5	208/230-3	35½	35½	37½	5/8"	1 3/8"	84	315
DX11SA0904**	90,000	11.2 / 11.5	460-3	35½	35½	37½	5/8"	1 3/8"	84	315
DX11SA1203**	114,000	11.2 / 11.5	208/230-3	35½	35½	41½	5/8"	1 3/8"	84	334
DX11SA1204**	112,000	11.2 / 11.5	460-3	35½	35½	41½	5/8"	1 3/8"	84	334

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*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

DZ13SA – 13 SEER Heat Pumps – 3 to 5 Tons

The Daikin Commercial Heat Pump cabinet features a powder-paint finish over heavy-gauge galvanized steel that provides premium durability and improved UV protection. Designed for ground-level or rooftop mount, the base pan elevates the unit above the slab to provide excellent water drainage and keep the coil away from debris that can collect inside the heat pump. The unit's attractive louvered metal guard protects the coil from damage and strengthens the unit.

DESIGNED FOR EXCEPTIONAL DURABILITY, ENERGY EFFICIENCY, AND OUTSTANDING PERFORMANCE.

- R-410A chlorine-free refrigerant
- Energy-efficient scroll compressor
- Low-pressure switch
- Liquid refrigerant return protection
- Factory-installed, bi-flow liquid line filter drier
- Copper tube / enhanced aluminum fin coil
- Reliable time-initiated, temperature-terminated defrost control
- Contactor with lug connection
- Ground lug connection
- AHRI Certified; ETL Listed
- Louvered sound control top design
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Nickel Gray powder-paint finish
- Top and side maintenance access
- Service ports and controls are accessible while unit is operating

Model	Nominal Capacities (BTU/h)		SEER	Voltage-Phase	Dimensions			Service Valve		dB(A)	Ship Weight (lbs)
	Cooling	Heating			W"	D"	H"	Liquid	Suction		
DZ13SA0363**	35,000	34,000	13	208/230-3	29	29	32¼	3/8"	7/8"	74	232
DZ13SA0483**	46,000	44,000	13	208/230-3	29	29	34¼	3/8"	1 7/8"	76	235
DZ13SA0484**	46,000	44,000	13	460-3	29	29	34¼	3/8"	1 7/8"	76	234
DZ13SA0603**	57,000	58,000	13	208/230-3	35½	35½	34¼	3/8"	1 7/8"	75	262
DZ13SA0604**	57,000	58,000	13	460-3	35½	35½	34¼	3/8"	1 7/8"	75	261

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Heat Pumps – DZ11SA

7½ & 10 Tons

5 YEAR PARTS LIMITED WARRANTY*

*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

The Daikin DZ11SA Commercial Heat Pump cabinet features a powder-paint finish over heavy-gauge galvanized steel that provides premium durability and improved UV protection. Designed for ground-level or rooftop mount, the base pan elevates the unit above the slab to provide excellent water drainage and keep the coil away from debris that can collect inside the unit. The unit's attractive louvered metal guard protects the coil from damage and strengthens the unit.

DESIGNED FOR EXCEPTIONAL DURABILITY, ENERGY EFFICIENCY, AND OUTSTANDING PERFORMANCE.

- R-410A chlorine-free refrigerant
- Energy-efficient compressor with internal pressure relief valve
- High-capacity, steel-cased, bi-flow heat pump filter drier
- Discharge line muffler
- Liquid refrigerant return protection
- Check flowrater heating mode expansion device
- Low-pressure switch
- Reliable, time-initiated, temperature-terminated defrost control
- Brass liquid and suction line service valves
- High-efficiency copper tube/aluminum fin coil
- ARI Certified; ETL Listed
- Louvered sound control top design
- Heavy-gauge galvanized-steel cabinet
- Steel louver coil guard protects coil from damage and adds strength to the unit
- Attractive Nickel Gray powder-paint finish

Model	Nominal Capacity (BTU/h)		EER	Voltage-Phase	Dimensions			Service Valve		dB(A)	Ship Weight (lbs)
	Cooling	Heating			W"	D"	H"	Liquid	Suction		
DZ11SA0903A	87,000	82,000	11	208/230	35½	35½	37½	5/8"	1 3/8"	84	334
DZ11SA0904A	87,000	82,000	11	460	35½	35½	37½	5/8"	1 3/8"	84	334
DZ11SA1203A	110,000	100,000	11	208/230	35½	35½	41½	5/8"	1 3/8"	84	383
DZ11SA1204A	110,000	100,000	11	460	35½	35½	41½	5/8"	1 3/8"	84	383

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*5 YEAR PARTS LIMITED WARRANTY

*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

DAR / DAT – Multi-Speed Upflow Air Handler

7½ & 10 Tons

The Daikin DAR/DAT Multi-Speed, Multi-Position Air Handlers are suitable for upflow or left-side horizontal installations to accompany your 7½ and 10-ton split-system units. These unit feature a fully insulated fiberglass blanket for quiet, efficient operation.

DESIGNED FOR EXCEPTIONAL DURABILITY, ENERGY EFFICIENCY, AND OUTSTANDING PERFORMANCE.

- 10-ton model circuited for use with two 4- or 5-ton cooling-only or heat pump systems, or one 10-ton cooling-only or heat pump system
- All models convertible to 460-3-60 from 208/230-3-60
- Copper tube/aluminum fin coils
- Transformer and blower relay TXV control: 7½-ton unit has one (1); 10-ton unit has two (2) thermal expansion check valves
- Draw-thru centrifugal blower is belt-driven for quiet, efficient operation
- Heavy-gauge, reinforced, galvanized-steel cabinet
- Fully insulated with fiberglass blanket
- Horizontal and vertical condensate pans
- Built-in filter rack (2" filter included)
- Entry on top of panel for both low and high voltages
- Removable access panels make servicing of unit faster and easier

Model	Nominal Cooling (BTU/h)	Electric Heat (kW)	CFM @ 0.3" ESP	Voltage-Phase	Dimensions			Service Valve		Ship Weight (lbs)
					W"	D"	H"	Liquid	Suction	
DAR09043*	90,000	15, 20, 30	3,000	208/240-3	48 1/8	24	60½	5/8"	1 3/8"	405
DAR09044*	90,000	15, 20, 30	3,000	460-3	48 1/8	24	60½	5/8"	1 3/8"	405
DAR12043*	120,000	15, 20, 30	4,000	208/240-3	48 1/8	24	60½	3/8" *	1 1/8" *	430
DAR12044*	120,000	15, 20, 30	4,000	460-3	48 1/8	24	60½	3/8" *	1 1/8" *	430
DAT09043**	90,000	15, 20, 30	3,000	208/240-3	48 1/8	24	60½	3/8" *	1 1/8" *	430
DAT09044**	90,000	15, 20, 30	3,000	460-3	48 1/8	24	60½	3/8" *	1 1/8" *	430
DAT12043**	120,000	15, 20, 30	4,000	208/240-3	48 1/8	24	60½	3/8" *	1 1/8" *	430
DAT12044**	120,000	15, 20, 30	4,000	460-3	48 1/8	24	60½	3/8" *	1 1/8" *	430

* For two refrigerant lines

Light Commercial Accessories

Field Accessory Item #	Description	Fits Model Sizes	Field- Installed	Factory-Installed
14CURB3672	14" Roof Curb	3-6 tons	√	
D25FD3672	25% Manual Fresh Air Damper	3-6 tons	√	
D25MFD3672	25% Motorized Fresh Air Damper	3-6 tons	√	
DDNBBS3672	Burglar Bar Sleeves with Supply & Return	3-6 tons	√	
CDK36	Concentric Duct Kit	3 tons	√	
CDK4872	Concentric Duct Kit	4-6 tons	√	
HAILGD03D	Condenser Coil Hail Guard	3-5 tons	√	
HAILGD04D	Condenser Coil Hail Guard	6 tons	√	
	Convenience Outlet: Non Powered	All Models		√
	Convenience Outlet: Powered	All Models		√
	Disconnect Switch	All Models		√
DDNECNJ3672B	Downflow Economizer	3-6 tons	√	
DDNECNJ3672NR	Downflow Economizer w/o Barometric Relief	3-6 Tons	√	
DDNSQRD3616	Downflow Square-to-Round Adapter (16" Round)	3 tons	√	
DDNSQRD487218	Downflow Square-to-Round Adapter (18" Round)	4-6 tons	√	
	Electric Heat Kits for DCC/DCH	All Models	√	√
HA-02	High-Altitude Kit (DCG units only)	All Models	√	
HSKT036B	High-Static Kit (230/460V)	3 tons	√	
HSKT048B	High-Static Kit (230/460V)	4 tons	√	
HSKT060B	High-Static Kit (230/460V)	5 tons	√	
HSKT072B	High-Static Kit (230/460V)	6 tons	√	
HSKT036B-7	High-Static Kit (575V)	3 tons	√	
HSKT048B-7	High-Static Kit (575V)	4 tons	√	
HSKT060B-7	High-Static Kit (575V)	5 tons	√	
HSKT072B-7	High-Static Kit (575V)	6 tons	√	
DHZECNJ3672	Horizontal Economizer	3-6 tons	√	
GHRC-1	Hurricane Restraint Clips	All Models	√	
DBRD3672	Barometric Relief Damper	3-6 tons	√	
LAKT01	Low-Ambient Kit	3-6 tons	√	√
LPM-06	LP Conversion Kit (DCG units only)	3-6 tons	√	
LPT-03	LP Conversion Kit (DCG036045 only)	3 tons	√	
DPE36722	Power Exhaust (208/230V)	3-6 tons	√	
DPE36724	Power Exhaust (460V)	3-6 tons	√	
DPE36727	Power Exhaust (575V)	3-6 tons	√	
	Smoke Detector	All Models		√
	Hinged Panels	3-6 tons		√

Field Accessory Item #	Description	Fits Model Sizes	Field- Installed	Factory-Installed
14CURB90150	14" Roof Curb	7½-12½ tons	√	
D25FD90150	25% Manual Fresh Air Damper	7½-12½ tons	√	
D25MFD90150	25% Motorized Fresh Air Damper	7½-12½ tons	√	
DBRD3672	Barometric Relief Damper (2 required)	7½-12½ tons	√	
DDNBBS90150	Burglar Bar Sleeves: includes Supply & Return	7½-12½ tons	√	
CDK120	Concentric Duct Kit	10 tons	√	
CDK150	Concentric Duct Kit	12½ tons	√	
CDK90102	Concentric Duct Kit	7½-8½ tons	√	
HailGD02D	Condenser Coil Hail Guard	7½-10 tons	√	
HailGD05D	Condenser Coil Hail Guard	12½ tons	√	
	Convenience Outlet: Powered	All Models		√
	Convenience Outlet: Non Powered	All Models		√
	Disconnect Switch (non-fused)	All Models		√
DDNECNJ90150B	Downflow Economizer	7½-12½ tons	√	
DDNSQRD9020	Downflow Square-to-Round Adapter 20" Round	7½ tons	√	
	Electric Heat Kits for DCC/DCH	All Models	√	√
HAKT36300	High-Altitude Kit (DCG units only)	All Models	√	
HSKT090[1]	High-Static Kit (230/460V)	7½-8½ tons	√	
HSKT090G[1]	High-Static Kit (230/460V) (DCC/DCG only)	7½ tons	√	
HSKT120[1]	High-Static Kit (230/460V)	10 tons	√	
HSKT150[1]	High-Static Kit (230/460V)	12½ tons	√	
HSKT090-7[1]	High-Static Kit (575V)	7½-8½ tons	√	
HSKT090G-7[1]	High-Static Kit (575V) (DCC/DCG only)	7½ tons	√	
HSKT120-7[1]	High-Static Kit (575V)	10 tons	√	
HSKT150-7[1]	High-Static Kit (575V)	12½ tons	√	
DHZECNJ90150	Horizontal Economizer	7½-12½ tons	√	
GHRC-1	Hurricane Restraint Clips	All Models	√	
LAKT03	Low-Ambient Kit	7½ - 12½ tons	√	√
LPKT36150	LP Conversion Kit (DCG units only)	7½-12½ tons	√	√
DPE901502	Power Exhaust (208/230V)	7½-12½ tons	√	
DPE901504	Power Exhaust (460V)	7½-12½ tons	√	
DPE901507	Power Exhaust (575V)	7½-12½ tons	√	
	Smoke Detector	All Models		√

[1] HSKT High-Static Kits are for use with standard single-speed belt-drive units only.

15 to 25 Tons

Field Accessory Item #	Description	Fits Model Sizes	Field- Installed	Factory-Installed
14CURB180300	14" Roof Curb	15-25 tons	√	
D25FD180300	25% Manual Fresh Air Damper	15-25 tons	√	
D25MFD180300	25% Motorized Fresh Air Damper	15-25 tons	√	
DDNBB180240	Burglar Bar Sleeves with Supply and Return	15-25 tons	√	
CDK180	Concentric Duct Kit	15 tons	√	
CDK240	Concentric Duct Kit	20 tons	√	
CDK300	Concentric Duct Kit	25 tons	√	
	Convenience Outlet: Powered	All Models		√
	Convenience Outlet: Non Powered	All Models		√
	Disconnect Switch (non-fused)	All Models		√
DDNECNJ180300B	Downflow Economizer	15-25 tons	√	√
	Electric Heat Kits (75kW not available as factory-installed kit) for DCC only	All Models	√	√
HAKT36300	High-Altitude Kit	All Models	√	
HSKT180[1]	High-Static Kit (230/460V)	15 tons	√	
HSKT180G[1]	High-Static Kit (230/460V) (DCG only)	15 tons	√	
HSKT240[1]	High-Static Kit (230/460V)	20 tons	√	
HSKT180-7[1]	High-Static Kit (575V)	15 tons	√	
HSKT180G-7[1]	High-Static Kit (575V) (DCG only)	15 tons	√	
HSKT240-7[1]	High-Static Kit (575V)	20 tons	√	
HSKT300C	High-Static Kit (all voltages)	25 tons	√	
HSKT300G	High-Static Kit (all voltages)	25 tons	√	
HZCURB180240ED	Horizontal Discharge Curb — End Discharge	15-25 tons	√	
HZCURB180240SDN	Horizontal Discharge Curb — Side Discharge; duct openings on non-service side	15-25 tons	√	
HZCURB180240SDS	Horizontal Discharge Curb — Side Discharge; duct openings on service side	15-25 tons	√	
GHRC-1	Hurricane Restraint Clips	All Models	√	
LAKT03	Low-Ambient Kit	15-20 tons	√	√
LPKT180300A	LP Conversion Kit (for DCG)	15-25 tons	√	
DPE1803002	Power Exhaust (208/230V)	15-25 tons	√	
DPE1803004	Power Exhaust (460V)	15-25 tons	√	
DPE1803007	Power Exhaust (575V)	15-25 tons	√	
	Smoke Detector	All Models		√
FSK024	Freeze Stat Kit	25 tons	√[2]	

[1] HSKT High-static kits are for use with standard single-speed belt-drive units only.

[2] FSK024 is standard on 2 speed, V, models, and field installed for single speed, B, models.

Daikin Master Item #	Description	Fits Model Sizes	Field-Installed	Factory-Installed
14CURB3672B	14" Roof Curb	3-5 tons	√	
D25FD3672	25% Manual Fresh Air Damper	3-5 tons	√	
D25MFD3672	25% Motorized Fresh Air Damper	3-5 tons	√	
DDNBBS3672	Burglar Bar Sleeves with Supply & Return	3-5 tons	√	
CDK36	Concentric Duct Kit	3 tons	√	
CDK4872	Concentric Duct Kit	4-5 tons	√	
HAILGD03D	Condenser Coil Hail Guard	3-4 tons	√	
HAILGD04D	Condenser Coil Hail Guard	5 tons	√	
	Convenience Outlet: Non Powered	All Models		√
	Convenience Outlet: Powered	All Models		√
DDNECNJ3672B	Downflow Economizer	3-5 tons	√	
DDNECNJ3672NR	Downflow Economizer w/o Barometric Relief	3-5 tons	√	
DDNSQRD3616	Downflow Square-to-Round Adapter (16" Round)	3 tons	√	
DDNSQRD487218	Downflow Square-to-Round Adapter (18" Round)	4-5 tons	√	
	Electric Heat Kits	All Models	√	√
DHZECNJ3672	Horizontal Economizer	3-5 tons	√	
GHRC-1	Hurricane Restraint Clips	All Models	√	
DBRD3672	Barometric Relief Damper	3-5 tons	√	
LAKT01	Low-Ambient Kit	3-5 tons	√	√
LPM-06	LP Conversion Kit (DCG units only)	3-6 tons	√	
LPT-03	LP Conversion Kit (DCG036045 only)	3 tons	√	
DPE36722	Power Exhaust (208/230V)	3-5 tons	√	
DPE36724	Power Exhaust (460V)	3-5 tons	√	
DPE36727	Power Exhaust (575V)	3-5 tons	√	
	Smoke Detector	All Models		√
	Hinged Panels	3-5 tons		√

DP13CM/DP13HM

Accessory Item #	Description	Fits Chassis Size
20464501NGK	Horizontal Duct Cover	Medium
20464502NGK	Horizontal Duct Cover	Large
DDNECNJPCHMM	Downflow Economizer	Medium
DDNECNJPCHML	Downflow Economizer	Large
DPHFRA	External Horizontal Filter Rack	All Sizes
DHZECNJPGCHM	Horizontal Economizer	Medium
DHZECNJPGCHL	Horizontal Economizer	Large
DDN25FDPGCHMM	25% Manual Downflow Fresh Air Damper	Small & Med.
DDN25FDPGCHML	25% Manual Downflow Fresh Air Damper	Large
DHZ25FDPGCHMM	25% Manual Horizontal Fresh Air Damper	Medium
DHZ25FDPGCHML	25% Manual Horizontal Fresh Air Damper	Large
DDN25MFDPGCHMM	25% Motorized Downflow Fresh Air Damper	Small & Med.
DDN25MFDPGCHML	25% Motorized Downflow Fresh Air Damper	Large
DHZ25MFDPGCHMM	25% Motorized Horizontal Fresh Air Damper	Medium
DHZ25MFDPGCHML	25% Motorized Horizontal Fresh Air Damper	Large
OT/EHR18-60	Outdoor Thermostat and Emergency Heat Relay Kit	All Sizes
OT18-60A	Outdoor Thermostat Kit with Lockout Stat	All Sizes
D14CURBPGCHMA	Roof Curb	All Sizes
SQRPG101/102	Square-to-Round Adapter w/ 16" Round for Downflow Application	Small & Med.
SQRPG103	Square-to-Round Adapter w/ 18" Round for Downflow Application	Large
SQRPGH101/102	Square-to-Round Adapters (16" x 14")	Small & Med.
SQRPGH103	Square-to-Round Adapters (18" x 14")	Large

Accessory Item #	Description	Fits Chassis Size
14CURBPGCHMA	14" Tall Roof Curb	All Sizes
DDN25FDPGCHMM	25% Manual Downflow Fresh Air Damper	Medium
DDN25FDPGCHML	25% Manual Downflow Fresh Air Damper	Large
DHZ25FDPGCHMM	25% Manual Horizontal Fresh Air Damper	Medium
DHZ25FDPGCHML	25% Manual Horizontal Fresh Air Damper	Large
DDN25MFDPGCHMM	25% Motorized Downflow Fresh Air Damper	Medium
DDN25MFDPGCHML	25% Motorized Downflow Fresh Air Damper	Large
DHZ25MFDPGCHMM	25% Motorized Horizontal Fresh Air Damper	Medium
DHZ25MFDPGCHML	25% Motorized Horizontal Fresh Air Damper	Large
DDNECNJPGMM	Downflow Economizer	Medium
DDNECNJPGML	Downflow Economizer	Large
DPHFRA	External Horizontal Filter Rack for Electric/Electric Units	All Sizes
HA-02	High-Altitude Kit	All Sizes
20464501NGK	Horizontal Duct Cover	Medium
20464502NGK	Horizontal Duct Cover	Large
DHZECNJPGCHM	Horizontal Economizer	Medium
DHZECNJPGCHL	Horizontal Economizer	Large
LPT-03A	LP Conversion Kit	Large
SQRPG101/102	Square-to-Round Adapter w/ 16" Round Downflow Application	Medium
SQRPG103	Square-to-Round Adapter w/ 18" Round Downflow Application	Large
SQRPGH101/102	Square-to-Round Adapter w/ 16" Round Horizontal Application	Medium
SQRPGH103	Square-to-Round Adapter w/ 18" Round Horizontal Application	Large

Air Conditioners/Heat Pumps

Air Conditioners

Item #	Description
ABK-20	Anchor Bracket Kit ^
ASC-01	Anti-Short Cycle Kit
CSR-U-1	Hard-start Kit
CSR-U-2	Hard-start Kit
CSR-U-3	Hard-start Kit
FSK01A[1]	Freeze Protection Kit
LSK01A[2]	Liquid Line Solenoid Kit
LAKT01	Low-Ambient Kit
LSK01A	Liquid Line Solenoid Kit
0163R00002	Crankcase heater
0163R00003	Crankcase heater
0163R00004	Crankcase Heater
OY18-60A	Outdoor Thermostat
TX3N4[2]	TXV Kit
TX5N4[2]	TXV Kit

^ Contains 20 brackets; four brackets needed to anchor unit to pad

[1] Installed on indoor coil

[2] Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit. The TXV should always be sized based on the tonnage of the outdoor unit.

Heat Pumps

Item #	Description
0130R00000S	Low-pressure Switch Kit
ABK-20	Anchor Bracket Kit ^
AFE18-60A	All-fuel Kit
ASC-01	Anti-Short Cycle Kit
CSR-U-1	Hard-start Kit
CSR-U-2	Hard-start Kit
CSR-U-3	Hard-start Kit
FSK01A[1]	Freeze Protection Kit
LAKT-01	Low-Ambient Kit
OT18-60A[2]	Outdoor Thermostat
OT/EHR18-60	Emergency Heat Relay kit
TX3N4[2]	TXV Kit
TX5N4[2]	TXV Kit

^ Contains 20 brackets; four brackets needed to anchor unit to pad

[1] Installed on indoor coil

[2] Required for heat pump applications where ambient temperatures fall below 0°F with 50% or higher relative humidity.

[3] Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit.

DCC, DTC — Heat Kit Usage

Single-Phase Units @ 208 / 240V

Model	MCA[1]	MOP[2] (amps)	kW & BTU/h	Recommended Airflow Range
DTC036***1D	25	40		
EHK1-10	48 / 55	50 / 60	10	1250-1350 CFM
EHK1-15	70 / 81	80 / 90	15	1400-1440 CFM
DTC048***1D	29	45		
EHK1-10	48 / 56	50 / 60	10	1400-1800 CFM
EHK1-15	71 / 82	80 / 90	15	1575-1800 CFM
EHK1-18	84 / 97	90 / 100	18	1575-1800 CFM
DTC060***1D	42	60		
EHK1-10	53 / 62	60 / 70	10	1750-2250 CFM
EHK1-15	76 / 88	80 / 90	15	1750-2250 CFM
EHK1-20	99 / 114	100 / 120	20	1850-2250 CFM

Three-Phase Units @ 208 / 240V

Model	MCA[1]	MOP[2] (amps)	kW & BTU/h	Recommended Airflow Range
DCC036***3D	17	25		
EHK1-10	29 / 33	30 / 35	10	1250-1350 CFM
EHK1-15	42 / 48	45 / 50	15	1400-1440 CFM
DCC036***3B	18	25		
EHK3-10	30 / 33	35 / 35	10	1250-1350 CFM
EHK3-15	43 / 48	45 / 50	15	1400-1440 CFM
DCC048***3D	21	30		
EHK3-10	29 / 34	35 / 35	10	1400-1800 CFM
EHK3-15	42 / 49	45 / 50	15	1575-1800 CFM
EHK3-18	50 / 58	60 / 60	18	1575-1800 CFM
DCC048***3B	22	30		
EHK3-10	30 / 35	35 / 35	10	1400-1800 CFM
EHK3-15	43 / 50	45 / 50	15	1575-1800 CFM
EHK3-18	51 / 59	60 / 60	18	1575-1800 CFM
DCC060***3D	29	45		
EHK3-10	34 / 40	35 / 45	10	1750-2250 CFM
EHK3-15	47 / 55	50 / 60	15	1750-2250 CFM
EHK3-20	60 / 70	70 / 70	20	1850-2250 CFM
DCC060***3B	25	40		
EHK3-10	30 / 35	35 / 40	10	1750-2250 CFM
EHK3-15	43 / 50	45 / 50	15	1750-2250 CFM
EHK3-20	56 / 65	60 / 70	20	1850-2250 CFM
DCC072***3B	31	45		
EHK3-10	36	45	10	2,100-2,700 CFM
EHK3-15	51	60	15	2,100-2,700 CFM
EHK3-20	66	70	20	2,100-2,700 CFM
EHK3-25	81	90	25	2,100-2,700 CFM

[1] Minimum Circuit Ampacity
[2] Maximum Overcurrent Protection device

DCH, DTH — Heat Kit Usage

Single-Phase Units @ 208 / 240V

Model	MCA[1]	MOP[2] (amps)	kW & BTU/h	Recommended Airflow Range
DTH036***1D	25	40		
EHK1-10	67 / 77	70 / 80	10	1250-1350 CFM
EHK1-15	89 / 103	90 / 110	15	1400-1440 CFM
DTH048***1D	29	45		
EHK1-10	70 / 81	80 / 90	10	1400-1800 CFM
EHK1-15	93 / 107	100 / 110	15	1575-1800 CFM
EHK1-18	107 / 123	110 / 125	18	1575-1800 CFM
DTH060***1D	42	60		
EHK1-10	82 / 94	90 / 110	10	1750-2250 CFM
EHK1-15	104 / 120	110 / 125	15	1750-2250 CFM
EHK1-20	127 / 146	150 / 150	20	1850-2250 CFM

Three-Phase Units @ 208 / 240V

Model	MCA[1]	MOP[2] (amps)	kW & BTU/h	Recommended Airflow Range
DCH036***3D	17	25		
EHK3-10	41 / 47	45 / 50	10	1250-1350 CFM
EHK3-15	54 / 62	60 / 70	15	1400-1440 CFM
DCH036***3B	18	25		
EHK3-10	42 / 48	45 / 50	10	1250-1350 CFM
EHK3-15	55 / 63	60 / 70	15	1400-1440 CFM
DCH048***3D	21	30		
EHK3-10	44 / 51	45 / 60	10	1400-1800 CFM
EHK3-15	57 / 66	60 / 70	15	1575-1800 CFM
EHK3-18	65 / 75	70 / 80	18	1575-1800 CFM
DCH048***3B	22	30		
EHK3-10	45 / 52	45 / 60	10	1400-1800 CFM
EHK3-15	58 / 67	60 / 70	15	1575-1800 CFM
EHK3-18	66 / 76	70 / 80	18	1575-1800 CFM
DCH060***3D	29	45		
EHK3-10	51 / 59	60 / 60	10	1750-2250 CFM
EHK3-15	64 / 74	70 / 80	15	1750-2250 CFM
EHK3-20	77 / 89	80 / 90	20	1850-2250 CFM
DCH060***3B	25	40		
EHK3-10	48 / 55	50 / 60	10	1750-2250 CFM
EHK3-15	61 / 70	70 / 80	15	1750-2250 CFM
EHK3-20	74 / 85	80 / 90	20	1850-2250 CFM
DCH072***3B	31	45		
EHK3-10	61	70	10	2,100-2,700 CFM
EHK3-15	76	80	15	2,100-2,700 CFM
EHK3-20	91	100	20	2,100-2,700 CFM
EHK3-25	106	110	25	2,100-2,700 CFM

[1] Minimum Circuit Ampacity
[2] Maximum Overcurrent Protection device

DCC/DCH Packaged Unit Heat Kit Match-Ups

3 to 6 Tons (cont.)

DCC — Heat Kit Usage

Three-Phase Units @ 480V

Model	MCA[1]	MOP[2] (amps)	kW & BTU/h	Recommended Airflow Range
DCC036***4B***	10	15		
EHK4-10	17	20	10	1250-1350 CFM
EHK4-15	25	25	15	1400-1440 CFM
DCC048***4B***	10	15		
EHK4-10	17	20	10	1400-1800 CFM
EHK4-15	25	25	15	1575-1800 CFM
EHK4-18	29	30	18	1575-1800 CFM
DCC060***4B***	12	20		
EHK4-10	19	20	10	1750-2250 CFM
EHK4-15	25	25	15	1750-2250 CFM
EHK4-20	35	35	20	1850-2250 CFM
DCC072***4B***	16	25		
EHK4-10	18	25	10	2,100-2,700 CFM
EHK4-15	26	30	15	2,100-2,700 CFM
EHK4-20	33	35	20	2,100-2,700 CFM
EHK4-25	41	45	25	2,100-2,700 CFM

Three-Phase Units @ 575V

Model	MCA[1]	MOP[2] (amps)	kW & BTU/h	Recommended Airflow Range
DCC036***7B***	8	15		
EHK7-10	15	20	10	1250-1350 CFM
EHK7-15	22	25	15	1400-1440 CFM
DCC048***7B***	8	15		
EHK7-10	15	20	10	1400-1800 CFM
EHK7-15	22	25	15	1575-1800 CFM
EHK7-18	25	30	18	1575-1800 CFM
DCC060***7B***	10	15		
EHK7-10	15	20	10	1750-2250 CFM
EHK7-15	22	25	15	1750-2250 CFM
EHK7-20	28	30	20	1850-2250 CFM
DCC072***7B***	13	15		
EHK7-10	15	20	10	2,100-2,700 CFM
EHK7-15	22	25	15	2,100-2,700 CFM
EHK7-20	28	30	20	2,100-2,700 CFM
EHK7-25	34	35	25	2,100-2,700 CFM

[1] Minimum Circuit Ampacity
[2] Maximum Overcurrent Protection device

DCH — Heat Kit Usage

Three-Phase Units @ 480V

Model	MCA[1]	MOP[2] (amps)	kW & BTU/h	Recommended Airflow Range
DCH036***4B***	10	15		
EHK4-10	25	25	10	1250-1350 CFM
EHK4-15	33	35	15	1400-1440 CFM
DCH048***4B***	10	15		
EHK4-10	25	30	10	1400-1800 CFM
EHK4-15	33	35	15	1575-1800 CFM
EHK4-18	37	40	18	1575-1800 CFM
DCH060***4B***	12	20		
EHK4-10	27	30	10	1750-2250 CFM
EHK4-15	35	40	15	1750-2250 CFM
EHK4-20	43	45	20	1850-2250 CFM
DCH072***4B***	16	25		
EHK4-10	31	35	10	2,100-2,700 CFM
EHK4-15	38	40	15	2,100-2,700 CFM
EHK4-20	46	50	20	2,100-2,700 CFM
EHK4-25	53	60	25	2,100-2,700 CFM

Three-Phase Units @ 575V

Model	MCA[1]	MOP[2] (amps)	kW & BTU/h	Recommended Airflow Range
DCH036***7B***	8	15		
EHK7-10	20	25	10	1400-1475 CFM
EHK7-15	26	30	15	1575-1650 CFM
DCH048***7B***	8	15		
EHK7-10	21	25	10	1400-1800 CFM
EHK7-15	27	30	15	1575-1800 CFM
EHK7-18	31	35	18	1575-1800 CFM
DCH060***7B***	10	15		
EHK7-10	23	25	10	1750-2250 CFM
EHK7-15	29	30	15	1750-2250 CFM
EHK7-20	35	40	20	1850-2250 CFM
DCH072***7B***	13	15		
EHK7-10	25	30	10	2,100-2,700 CFM
EHK7-15	31	35	15	2,100-2,700 CFM
EHK7-20	38	40	20	2,100-2,700 CFM
EHK7-25	44	45	25	2,100-2,700 CFM

[1] Minimum Circuit Ampacity
[2] Maximum Overcurrent Protection device

DCC/DCH Packaged Unit Heat Kit Match-Ups

7½ to 12½ Tons

DCC — Heat Kit Usage

Three-Phase Units @ 208 / 240V

Model	MCA[1]	MOP[2] (amps)	kW & BTU/h	Recommended Airflow Range
DCC090***3B/V***	37	50		
EHK3-16	48 / 55	50 / 60	15	3000-3375 CFM
EHK3-30	87 / 100	90 / 100	30	3000-3375 CFM
EHK3-45	121 / 139	125 / 150	43	3000-3375 CFM
DCC102***3B/V***	43	50		
EHK3-16	55	60	15	3400 - 3825 CFM
EHK3-30	100	100	30	3400 - 3825 CFM
EHK3-45	139	150	43	3400 - 3825 CFM
DCC120***3B/V***	49	60		
EHK3-16	48 / 55	50 / 60	15	3,500-4,500 CFM
EHK3-30	87 / 100	90 / 100	30	3,500-4,500 CFM
EHK3-45	121 / 139	125 / 150	43	4,000-4,500 CFM
DCC150***3B/V***	65	80		
EHK3-16	65	80	15	4,000-5,600 CFM
EHK3-30	102	110	30	4,300-5,600 CFM
EHK3-45	141	150	43	4,500-5,600 CFM

Three-Phase Units @ 480V

Model	MCA[1]	MOP[2] (amps)	kW & BTU/h	Recommended Airflow Range
DCC090***4B/V***	18	20		
EHK4-16	26	30	15	3000-3375 CFM
EHK4-30	48	50	30	3000-3375 CFM
EHK4-45	68	70	43	3000-3375 CFM
DCC102***4B/V***	20	25		
EHK4-16	27	30	15	3400 - 3825 CFM
EHK4-30	50	50	30	3400 - 3825 CFM
EHK4-45	70	70	43	3400 - 3825 CFM
DCC120***4B/V***	24	30		
EHK4-16	27	30	15	3,500-4,500 CFM
EHK4-30	50	50	30	3,500-4,500 CFM
EHK4-45	70	70	43	4,000-4,500 CFM
DCC150***4B/V***	31	40		
EHK4-16	31	40	15	4,000-5,600 CFM
EHK4-30	51	60	30	4,300-5,600 CFM
EHK4-45	71	80	43	4,500-5,600 CFM

[1] Minimum Circuit Ampacity
[2] Maximum Overcurrent Protection device

DCH — Heat Kit Usage

Three-Phase Units @ 208 / 240V

Model	MCA[1]	MOP[2] (amps)	kW & BTU/h	Recommended Airflow Range
DCH090***3B/V***	40	50		
EHK3-16	74 / 85	80 / 90	15	3000-3375 CFM
EHK3-30	113 / 130	120 / 150	30	3000-3375 CFM
EHK3-45	147 / 169	150 / 1az75	43	3000-3375 CFM
DCH102***3B/V***	43	50		
EHK3-16	88	90	15	3400 - 3825 CFM
EHK3-30	133	150	35	3400 - 3825 CFM
EHK3-45	173	175	43	3400 - 3825 CFM
DCH120***3B/V***	49	60		
EHK3-16	81 / 94	90 / 100	15	3,500-4,500 CFM
EHK3-30	122 / 139	125 / 150	35	3,500-4,500 CFM
EHK3-45	154 / 178	175 / 200	43	4,000-4,500 CFM
DCH150***3B/V***	65	80		
EHK3-16	110	110	15	4,000-5,600 CFM
EHK3-30	155	175	30	4,300-5,600 CFM
EHK3-45	194	200	43	4,500-5,600 CFM

Three-Phase Units @ 480V

Model	MCA[1]	MOP[2] (amps)	kW & BTU/h	Recommended Airflow Range
DCH090***4B/V***	19	25		
EHK4-16	42	45	15	3000-3375 CFM
EHK4-30	64	70	30	3000-3375 CFM
EHK4-45	84	90	43	3000-3375 CFM
DCH102***4B/V***	20	25		
EHK4-16	42	45	15	3400 - 3825 CFM
EHK4-30	65	70	30	3400 - 3825 CFM
EHK4-45	84	90	43	3400 - 3825 CFM
DCH120***4B/V***	24	30		
EHK4-16	46	50	15	3,500-4,500 CFM
EHK4-30	69	70	30	3,500-4,500 CFM
EHK4-45	89	90	43	4,000-4,500 CFM
DCH150***4B/V***	31	40		
EHK4-16	54	60	15	4,000-5,600 CFM
EHK4-30	76	80	30	4,300-5,600 CFM
EHK4-45	96	100	43	4,500-5,600 CFM

[1] Minimum Circuit Ampacity
[2] Maximum Overcurrent Protection device

DCC/DCH Packaged Unit Heat Kit Match-Ups

7½ to 12½ Tons (cont.)

DCC — Heat Kit Usage

Three-Phase Units @ 575V

Model	MCA[1]	MOP[2] (amps)	kW & BTU/h	Recommended Airflow Range
DCC090***7B/V***	14	15		
EHK7-16	22	25	15	---
EHK7-30	41	45	30	---
EHK7-45	57	60	43	---
DCC102***7B/V***	17	20		
EHK7-16	22	25	15	3400 - 3825 CFM
EHK7-30	41	45	30	3400 - 3825 CFM
EHK7-45	57	60	43	3400 - 3825 CFM
DCC120***7B/V***	17	20		
EHK7-16	22	25	15	3,500-4,500 CFM
EHK7-30	41	45	30	3,500-4,500 CFM
EHK7-45	57	60	43	4,000-4,500 CFM
DCC150***7B/V***	23	30		
EHK7-16	24	30	15	4,000-5,600 CFM
EHK7-30	43	45	30	4,300-5,600 CFM
EHK7-45	59	60	43	4,500-5,600 CFM

[1] Minimum Circuit Ampacity
[2] Maximum Overcurrent Protection device

DCH — Heat Kit Usage

Three-Phase Units @ 575V

Model	MCA[1]	MOP[2] (amps)	kW & BTU/h	Recommended Airflow Range
DCH090***7B/V***	14	15		
EHK7-16	32	35	15	---
EHK7-30	51	60	30	---
EHK7-45	68	70	43	---
DCH102***7B/V***	17	20		
EHK7-16	36	40	15	3400 - 3825 CFM
EHK7-30	55	60	30	3400 - 3825 CFM
EHK7-45	71	80	43	3400 - 3825 CFM
DCH120***7B/V***	17	20		
EHK7-16	36	40	15	3,500-4,500 CFM
EHK7-30	55	60	30	3,500-4,500 CFM
EHK7-45	71	80	43	4,000-4,500 CFM
DCH150***7B/V***	23	30		
EHK7-16	42	45	15	4,000-5,600 CFM
EHK7-30	61	70	30	4,300-5,600 CFM
EHK7-45	77	80	43	4,500-5,600 CFM

[1] Minimum Circuit Ampacity
[2] Maximum Overcurrent Protection device

DCC — Heat Kit Usage

DCC180*(3B/3V) @ 208 / 240V – 15 Tons**

Model	MCA[1,3] (3B/3V)	MOP[2,3] (3B/3V)	Actual kW @ 240V	Recommended Airflow Range
EHK3-31	98.0/98.0	100/100	28.8	5250 - 6750 CFM
EHK3-46	141.0/141.3	150/150	43.2	5250 - 6750 CFM
EHK3-60	185.0 /184.6	200/200	57.6	5250 - 6750 CFM

DCC180*(4B/4V) @ 480V – 15 Tons**

Model	MCA[1,3] (4B/4V)	MOP[2,3] (4B/4V)	Actual kW @ 480V	Recommended Airflow Range
EHK4-31	49.0/48.7	50/50	28.8	5250 - 6750 CFM
EHK4-46	71.0/70.3	80/80	43.2	5250 - 6750 CFM
EHK4-60	92.0/92.0	100/100	57.6	5250 - 6750 CFM

DCC180*(7B/7V) @575V – 15 Tons**

Model	MCA[1,3] (7B/7V)	MOP[2,3] (7B/7V)	Actual kW @ 575V	Recommended Airflow Range
EHK7-31	41.0/40.5	45/45	28.8	5250 - 6750 CFM
EHK7-46	59.0/58.6	60/60	43.2	5250 - 6750 CFM
EHK7-60	78.0/76.7	80/80	57.6	5250 - 6750 CFM

DCC300*(3B/3V) @ 240 / 240V – 25 Tons**

Model	MCA[1,3] (3B/3V)	MOP[2,3] (4B /4V)	Actual kW @ 240V	Airflow Range
EHK3-31	137.8/138.4	175/175	28.8	7200 - 8500 CFM
EHK3-46	155.4/156.1	175/175	43.2	7201 - 8500 CFM
EHK3-60	164.1/164.9	175/175	57.6	7202 - 8500 CFM
EHK3-75	198.7/199.5	225/225	72	7203 - 8500 CFM

DCC300*(4B/4V) @ 480V – 25 Tons**

Model	MCA[1,3] (4B/4V)	MOP[2,3] (4B/4V)	Actual kW @ 480V	Airflow Range
EHK4-31	55.8/56.5	70/70	28.8	7200 - 8500 CFM
EHK4-46	76.8/77.6	80/80	43.2	7201 - 8500 CFM
EHK4-60	81.1/81.9	90/90	57.6	7202 - 8500 CFM
EHK4-75	98.4/99.2	110/110	72	7203 - 8500 CFM

DCC — Heat Kit Usage

DCC240*(3B/3V) @ 208 / 240V – 20 Tons**

Model	MCA[1,3]	MOP[2,3]	Actual kW @ 240V	Recommended Airflow Range
EHK3-31	103.9/104.1	125/125	28.8	7200 - 8500 CFM
EHK3-46	147.1/147.4	150/150	43.2	7200 - 8500 CFM
EHK3-60	155.9/156.1	175/175	57.6	7200 - 8500 CFM
EHK3-75	190.0/190.7	225/225	72	7200 - 8500 CFM

DCC240*(4B/4V) @ 480V – 20 Tons**

Model	MCA[1,3]	MOP[2,3]	Actual kW @ 480V	Recommended Airflow Range
EHK4-31	51.3/51.5	60/60	28.8	7200 - 8500 CFM
EHK4-46	73.0/73.3	80/80	43.2	7200 - 8500 CFM
EHK4-60	77.3/77.6	90/90	57.6	7200 - 8500 CFM
EHK4-75	94.6/ 94.9	110/110	72	7200 - 8500 CFM

DCC240*(7B/7V) @575V – 20 Tons**

Model	MCA[1,3]	MOP[2,3]	Actual kW @ 575V	Recommended Airflow Range
EHK7-31	42.5/42.6	45/45	28.8	7200 - 8500 CFM
EHK7-46	60.6/60.7	70/70	43.2	7200 - 8500 CFM
EHK7-60	64.2/64.3	70/70	57.6	7200 - 8500 CFM
EHK7-75	78.7/78.8	90/90	72	7200 - 8500 CFM

[1] Minimum Circuit Ampacity
[2] Maximum Overcurrent Protection (Amps)
[3] If Powered Convenience Outlet option is installed, see unit Serial Plate for correct MCA and MOP values.

Note: When using electric heat kit, the single-point kit installed in the unit is needed to meet UL requirements.

DCC300*(7B/7V) @ 575V – 25 Tons**

Model	MCA	MOP	Actual kW @ 575V	Airflow Range
EHK7-31	45.5/46.4	50/50	28.8	7200 - 8500 CFM
EHK7-46	63.6/64.5	70/70	43.2	7201 - 8500 CFM
EHK7-60	67.2/68.1	80/80	57.6	7202 - 8500 CFM
EHK7-75	81.7/82.6	90/100	72	7203 - 8500 CFM

VRV Products Indoor Units

What is Daikin VRV?

One flexible package

Daikin VRV is a modular, commercially applied air-conditioning and heating system that distributes refrigerant from the outdoor unit to multiple indoor units, providing efficient, comfortable individual user control and reliability in one flexible package.

Daikin VRV systems provide advanced solutions for almost any large residential to commercial application. Available in air-cooled or water-cooled solutions and heat recovery or heat pump systems, VRV provides advanced heating and cooling options with individual zone control for both open plan and tightly grouped applications.

VRV is built upon 4 basic "Building Blocks" — Outdoor Unit, Indoor Unit, Piping, and Controls — providing the attributes of a central chilled water system but with the simplicity of a split system.

This makes it very flexible and ideal for energy-efficient and comfortable cooling and heating of many types of buildings such as banks, health care, skilled care, libraries, storage facilities, conference centers, etc.

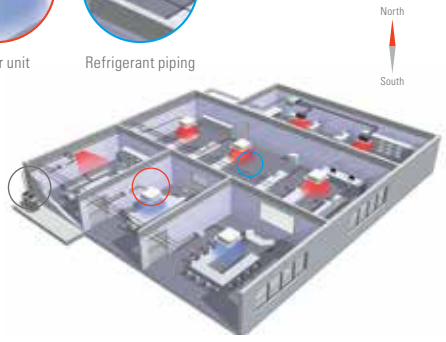
Outdoor Unit + Indoor Unit + Piping + Controls

Air cooled

- Fast and easy to install — no need for additional components
- Low maintenance costs
- Can be installed both outdoors and indoors
- Up to 38 tons capacity for one system
- Available in Heat Pump or Heat Recovery (Simultaneous Heating and Cooling of Different zones)

Components:

Outdoor unit | Indoor unit | Refrigerant piping



Water cooled

- Suitable for multi-story and large buildings because of the almost unlimited possibilities of water piping
- Not affected by outdoor temperature/ climate conditions
- Reduce CO_2 emissions thanks to the possibility of geothermal energy as a renewable energy source
- Available in Heat Pump or Heat Recovery (Simultaneous Heating and Cooling of Different zones)

Components:

Condensing unit | Indoor unit

Refrigerant piping | (Geothermal) water loop

Why choose Daikin VRV?

Inventor and leader in VRV systems since 1982

Diverse products that make the difference

- **In efficiency**
  - Variable Refrigerant Temperature technology leading to excellent energy efficiency
  - Indoor units with advanced sensing technology and optional self-cleaning air filter panel
- **In comfort**
  - Variable Refrigerant Temperature technology reduces cold droughts
  - 12 different indoor unit types and 63 models
  - Low sound indoor and outdoor units
- **In aesthetics**
  - Stylish cassettes integrated in the ceiling
  - Ceiling suspended cassettes
  - Elegant wall mounted units
- **In installation**
  - Automatic refrigerant charge function
  - Self-addressing control system after installation
  - VRV Configurator for simplified and time saving commissioning
  - Flexible connection possibilities for indoor and outdoor units
- **In control**
  - Intelligent Touch Manager — a mini-BMS/ Centralized Controller that integrates all units in a cost-efficient system
  - Easy integrating with third party BMS
  - Dedicated control solutions for applications such as offices, shops, hotels, schools, etc.
- **In system design**
  - User friendly sizing and selection software
  - CAD and Revit drawings
  - Comprehensive engineering manuals
- **In after market support**
  - Nationwide field support organization
  - 50+ product training facilities in North America
  - Dedicated tech support team
- **In reliability**
  - Refrigerant-cooled electronics in outdoor unit
  - Extensive testing before new units leave the factory
  - Spare parts available in the US
  - ISO 9001 compliant manufacturing
  - One of the best warranties* in the industry

* Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com

FXMQ-PBVJU

DC-Ducted Concealed Ceiling Unit (Medium Static)

Condensate Pump as Standard

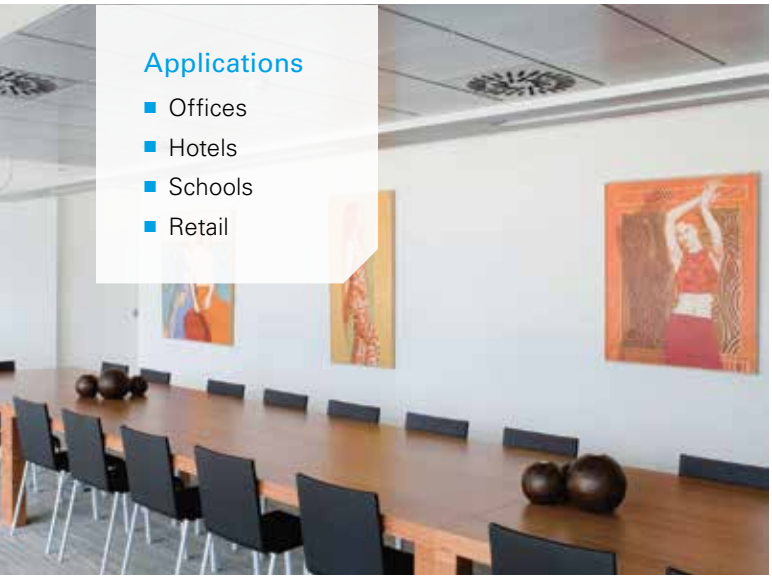
Outside Air Integration Possible

Powerful, Concealed, Flexible

The ceiling mounted DC-Ducted unit is ideal for small to large spaces in need of a concealed air-conditioning system. It is extremely powerful and the compact design allows it to be completely concealed. This makes it perfect for retail, classrooms, offices, banks, restaurants, shops and hotels common areas.

Features and Benefits

- Capacity range up to 54 MBH.
- Energy efficient due to the DC fan motor
- Ideal to use together with the optional Daikin Zoning Kit, DZK
- Configurable auxiliary heater control logic
- Advanced economizer control logic
- Enhanced indoor air quality and LEED ready with MERV 13 filter options
- Ease of installation with auto adjusting airflow at commissioning based on external static pressure
- Flexible ductwork design with ESP capabilities up to 0.8 "W.G.
- Installation flexibility with a low profile, compact design at less than 12" in height
- Easy maintenance with complete service access from below
- Option to permanently turn off the condensate pump via field settings



Applications

- Offices
- Hotels
- Schools
- Retail

BRC1E73 (option)

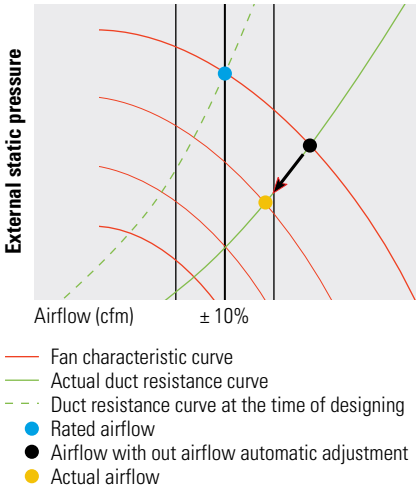
BRC2A71 (option)

BRC4C82 (option)

Auto Adjust External Static Pressure

- After installation, it is possible that the actual duct resistance is lower than expected at the time of designing. As a consequence, the air-flow will be too high.
- With the automatic air-flow adjustment function the unit can adapt its fan speed to a lower curve, so the air-flow decreases.
- The air-flow will always be within 10% of the rated air-flow because of the amount of possible fan curves (more than 8 fan curves available per model).
- Alternatively the installer can manually select a fan curve with the wired remote control.

Auto Adjust External Static Pressure



FXMQ-PBVJU SPECIFICATIONS			0.6 TON	0.75 TON	1.0 TON	1.25 TON	1.5 TON	2.0 TON	2.5 TON	3.0 TON	4.0 TON	4.5 TON
Model Name			FXMQ07PBVJU	FXMQ09PBVJU	FXMQ12PBVJU	FXMQ15PBVJU	FXMQ18PBVJU	FXMQ24PBVJU	FXMQ30PBVJU	FXMQ36PBVJU	FXMQ48PBVJU	FXMQ54PBVJU
Power Supply		V/ph/Hz	208-230/1/60									
Rated Cooling Capacity		BTU/h	7,500	9,500	12,000	15,000	18,000	24,000	30,000	36,000	48,000	54,000
Rated Heating Capacity		BTU/h	8,500	10,500	13,500	17,000	20,000	27,000	34,000	40,000	54,000	60,000
Airflow Rate (H/M/L)		CFM	317/264/229		450/410/388	560/530/500	635/582/529	688/618/565	1,094/953/812	1,130/953/812	1,377/1,165/988	1,624/1,377/1,130
Height		in.	11-3/16									
Width		in.	21-5/8		27-9/16	39-3/8			55-1/8			
Depth		in.	27-9/16									
Condensate Pump Lift		in.	18-3/8									
Sound Pressure (H/M/L)		dB(A)	33/31/29		39/37/35	40/38/37	41/39/37	42/40/38	43/41/39		44/42/40	46/45/43
Condensate Pipe Connection		in. O.D.	1-1/4									
Pipe Connections	Gas	in.	1/2 (Flare)					5/8 (Flare)				
	Liquid	in.	1/4 (Flare)					3/8 (Flare)				
Refrigerant			R-410A									
Refrigerant Control			Electronic Expansion Valve									
Maximum Overcurrent Protective Device		A	15									
Minimum Circuit Amps		A	0.6		1.4	1.5	1.6	1.8	2.8	2.9	3.4	
Protection Devices			Fuse and Fan Driver Overload Protector									
External Finish			Galvanized Steel Plate									
External Static Pressure (H/L)		in. W.G.	0.40/0.12			0.80/0.20						0.56/0.20

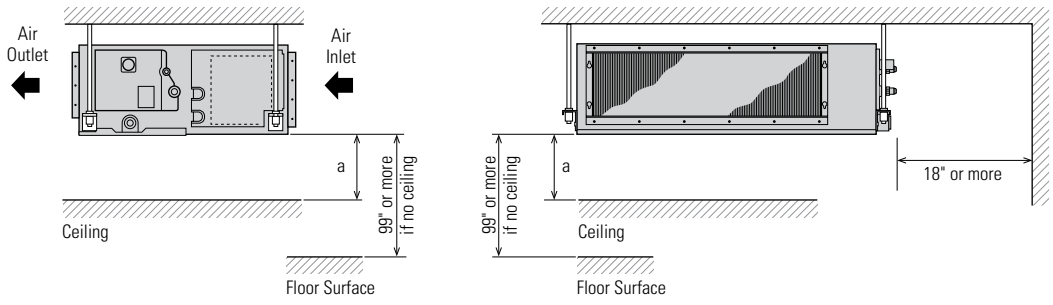
MERV 13 Filter Kit Option contains a MERV 13 filter, adapter frame and easy to follow installation instructions and can be installed on the following models only:	
Kit Model	Indoor Unit
DACA-FXMQ12131K	FXMQ07-09PBVJU
DACA-FXMQ14131K	FXMQ12PBVJU
DACA-FXMQ30131K	FXMQ15-24PBVJU
DACA-FXMQ48131K	FXMQ30-54PBVJU

ENTHALPY ECONOMIZER (FIELD APPLIED ACCESSORY)	
Model	Indoor Unit
ECONMQ12P-8-1K (MERV 8 Filter)	FXMQ07-09PBVJU
ECONMQ12P-13-1K (MERV 13 Filter)	
ECONMQ30P-8-1K (MERV 8 Filter)	FXMQ15-24PBVJU
ECONMQ30P-13-1K (MERV 13 Filter)	
ECONMQ48P-8-1K (MERV 8 Filter)	
ECONMQ48P-13-1K (MERV 13 Filter)	FXMQ30-54PBVJU

FXMQ-PBVJU ACCESSORIES											
Model Name	FXMQ07PBVJU	FXMQ09PBVJU	FXMQ12PBVJU	FXMQ15PBVJU	FXMQ18PBVJU	FXMQ24PBVJU	FXMQ30PBVJU	FXMQ36PBVJU	FXMQ48PBVJU	FXMQ54PBVJU
Navigation Remote Controller*	BRC1E73									
Simplified Wired Remote Controller*	BRC2A71									
Wireless Remote Controller	BRC4C82									
Remote Sensor Kit	KRCS01-4B									
Wiring Adapter PCB (interface with aux/ primary heater, humidifier, OA damper/fan)	KRP1C74									
Group Control Adapter PCB (connects to external BMS)	KRP4A71									

*Optional face plates available to provide a more intuitive user interface and disable specific functions

FXMQ-PBVJU INSTALLATION SPACE



a = 12" or more if one inspection hatch (17-3/4" x 17-3/4") on the control box side and a space of 11-13/16" or more under the unit.

a = 1" or more if an inspection hatch the size of the indoor unit plus an additional 12" or more on the control box side is installed.

DC-Ducted Concealed Ceiling Unit (Medium Static)

Kits and Accessories

The optional Daikin Zoning Kit (DZK) increases the flexibility of the Daikin VRV and SkyAir systems by adding a Zoning Box to an indoor unit fan coil (FXMQ–P or FBQ–P series, respectively) allowing several separate ducts to supply air to different individually-controlled zones in the building. A zone can be a room, part of room, or several rooms. This flexible and scalable Zoning Kit integrates seamlessly with the indoor unit fan coil controls. The DZK system controls work together with the regular Daikin zone controller (i.e. BRC1E73) to establish the required set-point, fan speed and mode of operation that is then requested to the VRV indoor unit via the Daikin zone controller. This allows the internal DZK control algorithms to look at the number of zone dampers in operation, and at what position the dampers need to be and adjust the VRV indoor unit operation accordingly. The DZK system is not directly compatible with the suite of Daikin centralized control options such as iTM and iTC.

A complete Daikin Zoning Kit consists of Zoning Box (with Control Board), Wired Thermostat, and Wireless Thermostats. The optional DZK BACnet Gateway Module enables any BACnet/IP compatible Building Management System to be used for remote monitoring and control of the DZK.

Wired Thermostat

The Wired Thermostat in the DZK is a graphical colored, touch-screen interface with text menus, intuitive icons, and guided scheduling capability. It displays temperatures and operating values, and selects the operating mode for the system.

Wireless Thermostat

The wireless backlit touch-screen thermostat in the DZK can control the temperature for a zone while displaying the air temperature, system time, and day of the week. Additional functions include adjusting set point temperature, automatic configuration, local ventilation activation, and vacation mode. A wireless thermostat is required for zones not being controlled by a wired thermostat.

Now with BACnet/IP compatibility

Zoning Box with Control Box

(Model Depends on Indoor Unit)

The Zoning Box in the Daikin Zoning Kit mounts easily on Daikin's Indoor Unit FXMQ–P or FBQ-P series fan coils. It consists of the enclosure, individually motorized dampers, and a control box. It is available in different sizes and damper configurations and by utilizing ducts for air supply it can be used to control the air temperature in up to 6 zones. The wired thermostat and the wireless thermostats provide temperature inputs and user interfaces for programming and adjustment of the control functions for each zone.

DZK BACnet® Gateway Module NEW

If VRV systems are installed with the DZK system to accomplish a variety of zoning solutions and there is a requirement to be able to monitor and control the various DZK zone dampers from a centralized control system, it is possible to utilize the DZK BACnet Gateway module to address this solution.

The DZK BACnet Gateway module will work with any BACnet/IP compatible Building Management System.

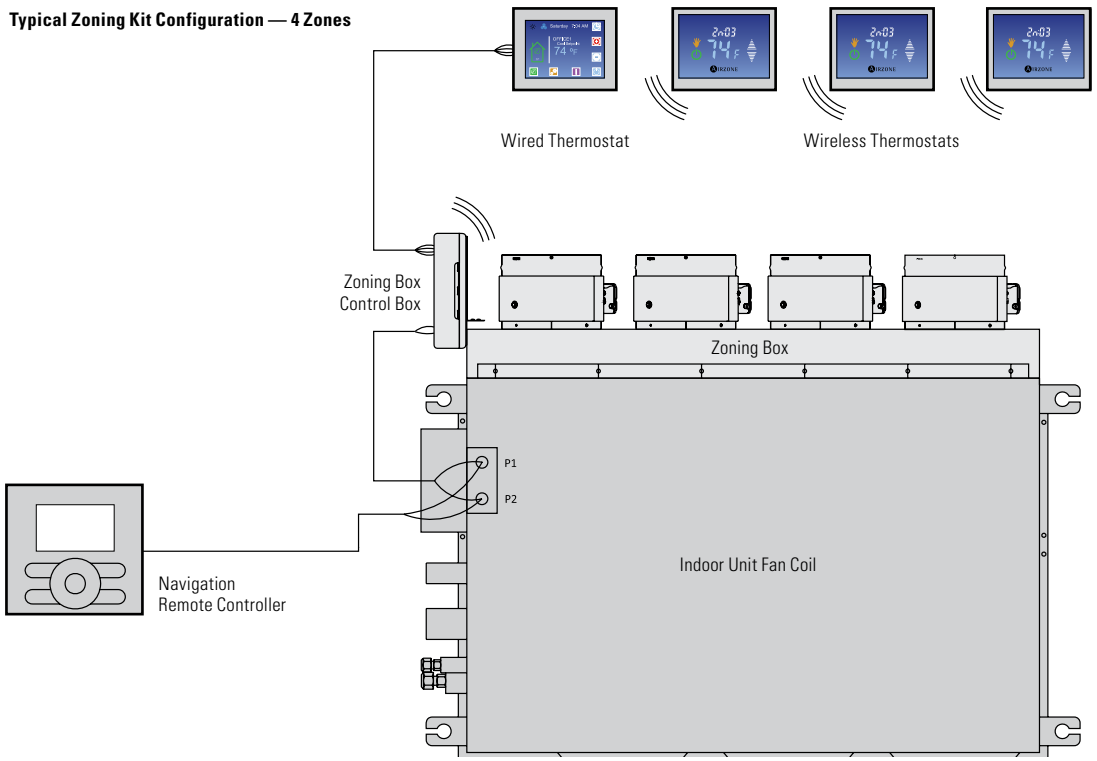
DAIKIN ZONING KIT (DZK) – KIT STRUCTURE AND GENERAL TECHNICAL DATA

	Zoning Box with Control Box				Wired Thermostat*	Wireless Thermostat*	BACnet Gateway	Heat Pump Changeover Master
DZK Product Number	DZK030E4, DZK030E4-2*	DZK030E5, DZK030E5-2*	DZK048E4, DZK048E4-2*	DZK048E6, DZK048E6-2*	DZK-MTS-1-W, DZK-MTS-2-W*	DZK-ZTS-1-W, DZK-ZTS-2-W*	DZK-BACNET-2	DZK-CM-1
Kit Structure								
Compatible with Indoor Unit Fan Coils - FXMQ15-24PBVJU - FBQ18-30PVJU	Yes		No		Yes			
Compatible with Indoor Unit Fan Coils - FXMQ30-54PBVJU - FBQ36-42PVJU	No		Yes		Yes			
Number of Zones Compatibility	Maximum 4	Maximum 5	Maximum 4	Maximum 6	-	-	-	-
Number of Air Duct Outlets x Diameter (")	4 x Ø8	5 x Ø6	4 x Ø8	6 x Ø6	-	-	-	-
Required Quantity	One Per Indoor Unit Fan Coil DZK030E4-2 Required For BACnet/IP	One Per Indoor Unit Fan Coil DZK030E5-2 Required For BACnet/IP	One Per Indoor Unit Fan Coil DZK048E4-2 Required For BACnet/IP	One Per Indoor Unit Fan Coil DZK048E6-2 Required For BACnet/IP	Minimum One Per Indoor Unit Fan Coil DZK-MTS-2-W Required For BACnet/IP	Number Of Zones Minus Number Of Wired Thermostats DZK-ZTS-2-W Required For BACnet/IP	One Per DZK Zoning Box With BACnet/IP	One Per VRV HP System, If 2 To 16 DZK Units (without BACnet) In The Same VRV System
Technical Data								
Height (")	10.43				3.58		1.6	1.75
Width (")	43.58		53.46		4.13		2.7	2.32
Depth (")	10.43				0.94		1.2	0.67
Weight (lb.)	18.04	20.24		23.32	0.4	0.46	0.063	0.065
Input Voltage	110/230 VAC				12 VDC, from Zoning Box	2 AAA Batteries	12 VDC, from Control Board	12 VDC, from Zoning Box
Full Load Amps (A)	0.25				-	-	-	-

** "-2" in the Product Number indicates that the product has BACnet/IP functionality. For configuration of DZK systems with BACnet/IP functionality, only Product Numbers ending with "-2" or "-2-W" can be used. For configuration of DZK systems without BACnet, either products with, or without, the BACnet functionality can be used, even "mix and match".

CONTROLS CONNECTION OF FXMQ-PBVJU AND DZK (WITHOUT BACNET)

Typical Zoning Kit Configuration — 4 Zones



FXDQ-MVJU

Slim-Duct, Built-In Concealed Ceiling Unit

Condensate Pump as Standard

Outside Air Integration Possible

Filter Included

Concealed, Slim, Quiet, Comfortable

The slim duct built-in concealed unit is available for use with the VRV systems to complement the existing concealed ceiling unit options. With its low profile and low sound level this unit can be installed into limited ceiling void, bulkhead or soffit space.

BRC1E73 (option)

BRC2A71 (option)

BRC4C82 (option)

Features and Benefits

- Slim height, at only 7-7/8", makes it suitable for most of the applications where attic / bulkhead space is limited
- With a sound level down to 29 dB(A) these units are among the quietest on the market
- Factory shipped for rear air inlet — field convertible to bottom air inlet
- Washable filter included
- Condensate pump with vertical lift of up to 21-5/8" included as standard
- Blends unobtrusively with any interior decor; only the suction and discharge grills are visible

Applications

- Hotel rooms
- Multi-family residences
- Single family residences
- School dormitories

FXDQ-MVJU SPECIFICATIONS			0.6 TON	0.75 TON	1 TON	1.5 TONS	2 TONS
Model Name			FXDQ07MVJU	FXDQ09MVJU	FXDQ12MVJU	FXDQ18MVJU	FXDQ24MVJU
Power Supply		V/ph/Hz	208-230/1/60				
Rated Cooling Capacity		BTU/h	7,500	9,500	12,000	18,000	24,000
Rated Heating Capacity		BTU/h	8,500	10,500	13,500	20,000	27,000
Airflow Rate (H/L)		CFM	280/226			440/350	580/460
Weight		lbs.	51			63	71
Height		in.	7-7/8				
Width		in.	27-9/16			35-7/16	43-5/16
Depth		in.	24-7/16				
Sound Pressure (H/L)		dB(A)	33/29			35/31	36/32
Condensate Pump Lift		in.	21-5/8				
Condensate Pipe Connection		in. O.D.	1-1/32				
Pipe Connections	Gas	in.	1/2 (Flare)				5/8 (Flare)
	Liquid	in.	1/4 (Flare)				3/8 (Flare)
Refrigerant			R-410A				
Refrigerant Control			Electronic Expansion Valve				
Maximum Overcurrent Protective Device		A	15				
Minimum Circuit Amps		A	0.9			1.3	1.4
Protection Devices			Fuse and Fan Motor Thermal Protector				
External Finish			Galvanized Steel Plate				
Standard Filter Type			Removable, Washable, Mildew Proof				
External Static Pressure (H/L)		in. W.G.	0.12/0.04			0.17/0.06	0.17/0.06

Nominal Conditions:

Cooling Mode
Indoor: 80 °F DB / 67 °F WB
Outdoor: 95 °F DB
Pipe Length: 25 ft.
Level Difference: 0 ft.

Heating Mode
Indoor: 70 °F DB
Outdoor: 47 °F DB / 43 °F WB
Pipe Length: 25 ft.
Level Difference: 0 ft.

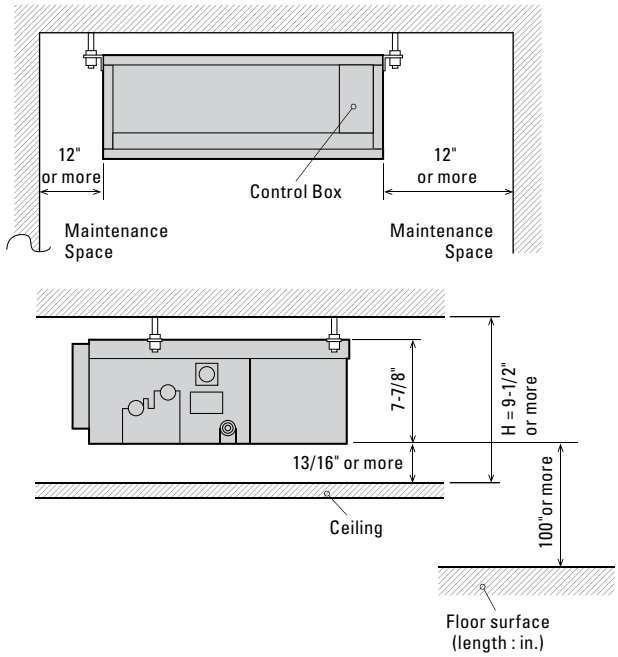
Note: Specifications are subject to change without notice.

FXDQ-MVJU ACCESSORIES					
Model Name	FXDQ07MVJU	FXDQ09MVJU	FXDQ12MVJU	FXDQ18MVJU	FXDQ24MVJU
Navigation Remote Controller*	BRC1E73				
Simplified Wired Remote Controller*	BRC2A71				
Wireless Remote Controller	BRC4C82				
Remote Sensor Kit	KRCS01-1B				
Wiring Adapter PCB (interface with aux/primary heater, humidifier, OA damper/fan)	KRP1C75				
Group Control Adapter PCB (connects to external BMS)	KRP4A74				
Access Panel (single door)	APFXDQ070912			APFXDQ18	APFXDQ24
Access Panel with return air filter (single door)	APRFFXDQ070912			APRFFXDQ18	APRFFXDQ24
Filter Media Replacement	APRFFXDQ070912F			APRFFXDQ18F	APRFFXDQ24F

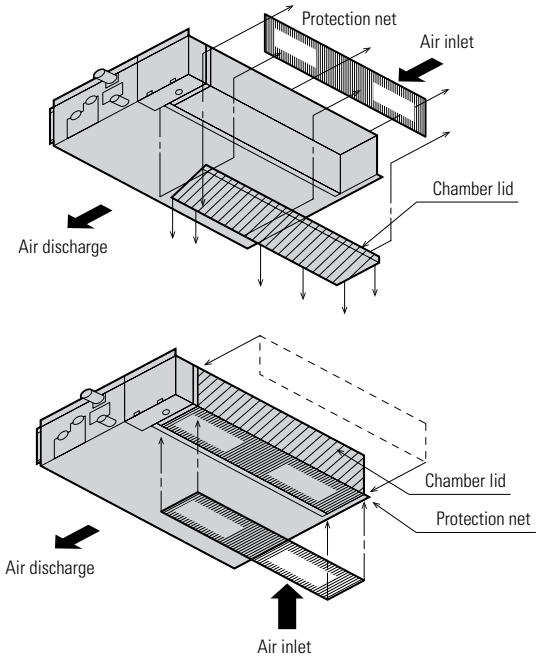
* Optional face plates available to provide a more intuitive user interface and disable specific functions

FXDQ-MVJU INSTALLATION SPACE

Choose an installation site that ensures both optimum air distribution and sufficient clearance for maintenance.



The return air inlet can be easily changed from rear to bottom using the same chamber lid.



FXTQ-PAVJU

Vertical Air Handling Unit

OSA Outside Air Integration Possible

Concealed, Powerful, Compact, Comfortable

The vertical air handling unit is designed for use with all Daikin VRV systems, allowing more flexibility and combination possibilities. With a capacity range from 12 to 54 MBH and both upflow and horizontal right installation possibilities, the unit is ideal for both residential and light commercial applications.

Features and Benefits

- Ideal replacement for fan coils, geothermal heat pumps or traditional split systems
- Can be used in new construction or replacement projects
- Ability to mix and match with other Daikin indoor units on the same system
- Reduced piping cost with smaller piping diameters
- Upflow and horizontal right installation is permitted
- 2 selectable fan speeds (H and L)
- New fan logic allowing the unit to be commissioned where the fan operation will cycle on and off with the load
- ECM fan motor provides energy efficiency
- Wide line up of electric heat (field installed) options from 3kW to 20kW
- Plug-in electric heat control minimizes equipment and installation cost
- Possibility to operate electric heater in combination with heat pump

BRC1E73 (option)

BRC4C82 (option)

BRC2A71 (option)

Electric Heater Options

ELECTRICAL HEATER CAPACITY							
Model Name	3kW	5kW	6kW	8kW	10kW	15kW	20kW
FXTQ12PAVJU	■	■	✘	✘	✘	✘	✘
FXTQ18PAVJU	●	■	■	✘	✘	✘	✘
FXTQ24PAVJU	●	■	■	■	■	✘	✘
FXTQ30PAVJU	●	●	■	■	■	✘	✘
FXTQ36PAVJU	●	●	■	■	■	✘	✘
FXTQ42PAVJU	●	●	●	●	■	■ ◆	✘
FXTQ48PAVJU	●	●	●	●	■	■ ◆	■ ◆
FXTQ54PAVJU	●	●	●	●	■	■ ◆	■ ◆

● Electric heater operation with heat pump is allowed
■ Only electric heater operation is allowed
✘ N/A
◆ Acceptable 2 step heating operation

Applications

- Offices
- Hotels
- Multi-family residences
- Single-family residences

FXTQ-PAVJU SPECIFICATIONS			1 TON	1.5 TON	2 TON	2.5 TON	3 TON	3.5 TON	4 TON	4.5 TON
Model Name			FXTQ12PAVJU	FXTQ18PAVJU	FXTQ24PAVJU	FXTQ30PAVJU	FXTQ36PAVJU	FXTQ42PAVJU	FXTQ48PAVJU	FXTQ54PAVJU
Power Supply		V/ph/Hz	208-230/1/60							
Rated Cooling Capacity		BTU/h	12,000	18,000	24,000	30,000	36,000	42,000	48,000	54,000
Rated Heating Capacity		BTU/h	13,500	20,000	27,000	34,000	40,000	47,000	54,000	60,000
Airflow Rate (H/L)		CFM	400/280	600/420	800/560	1,000/700	1,200/840	1,400/980	1,600/1,120	1,800/1,260
Weight		lbs.	119		145			167		
Height		in.	46-3/4		53-1/4					
Width		in.	19-1/2		22					
Depth		in.	22		24					
Condensate Pipe Connection		in. O.D.	3/4 (fpt)							
Pipe Connections	Gas	in.	1/2 (Braze)		5/8 (Braze)					
	Liquid	in.	1/4 (Braze)		3/8 (Braze)					
Refrigerant			R-410A							
Refrigerant Control			Electronic Expansion Valve							
Maximum Overcurrent Protective Device		A	15							
Minimum Circuit Amps		A	1.1	1.9	1.6	2.4	3.3	4.0	6.0	8.0
Protection Devices			Fuse and Fan Motor Thermal Protector							
External Finish			Fully insulated, painted steel cabinet with gray finish							
External Static Pressure Range		in. W.G.	0.3 Standard, 0.5 Max							

Nominal Conditions:

Cooling Mode
Indoor: 80 °F DB / 67 °F WB
Outdoor: 95 °F DB
Pipe Length: 25 ft.
Level Difference: 0 ft.

Heating Mode
Indoor: 70 °F DB
Outdoor: 47 °F DB / 43 °F WB
Pipe Length: 25 ft.
Level Difference: 0 ft.

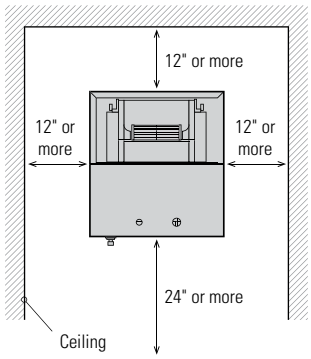
Note: Specifications are subject to change without notice.

FXTQ-PAVJU ACCESSORIES								
Model Name	FXTQ12PAVJU	FXTQ18PAVJU	FXTQ24PAVJU	FXTQ30PAVJU	FXTQ36PAVJU	FXTQ42PAVJU	FXTQ48PAVJU	FXTQ54PAVJU
Navigation Remote Controller*	BRC1E73							
Simplified Wired Remote Controller*	BRC2A71							
Wireless Remote Controller	BRC4C82							
Remote Sensor Kit	KRCS01-4B							
Group Control Adapter PCB (connects to external BMS)	KRP4A742							
External Control Adapter for Outdoor Unit	DTA104A532							
Fixing Box	KRP1B1013							
Air Filter	FIL 36-42		FIL 48-61					
Insulation Kit (vertical)	DPI 36-42/20		DPI 48-61/-20					
Insulation Kit (horizontal)	DPIH 36-42		DPIH48-61					

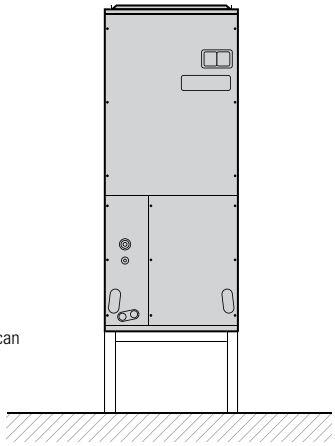
[1] Need 24VAC power supply [2] Need 16VDC power supply [3] Fixing box installed beside the unit

* Optional face plates available to provide a more intuitive user interface and disable specific functions

FXTQ-PAVJU INSTALLATION SPACE



Ensure there is sufficient space under the unit so that return-air ductwork can be installed and a downward slope of 1/100 can be maintained for drain piping.



FXMQ-MVJU

Concealed Ceiling Unit (Medium Static)

Outside Air Integration Possible

Concealed, Slim Design, Strong, Comfortable

The FXMQ-MVJU ducted fan coil unit is ideal for larger open space floor plans usually found in offices, retails, hotels, or education facilities. It performs well across multiple spaces that can benefit from the same mode of operation, limiting equipment and installation cost.

Features and Benefits

- Design flexibility with a capacity range up to 96 MBH
- Improved ductwork and filtration flexibility with ESP capabilities of up to 1.1 "W.G.
- Low profile design of less than 19" high to reduce required installation space

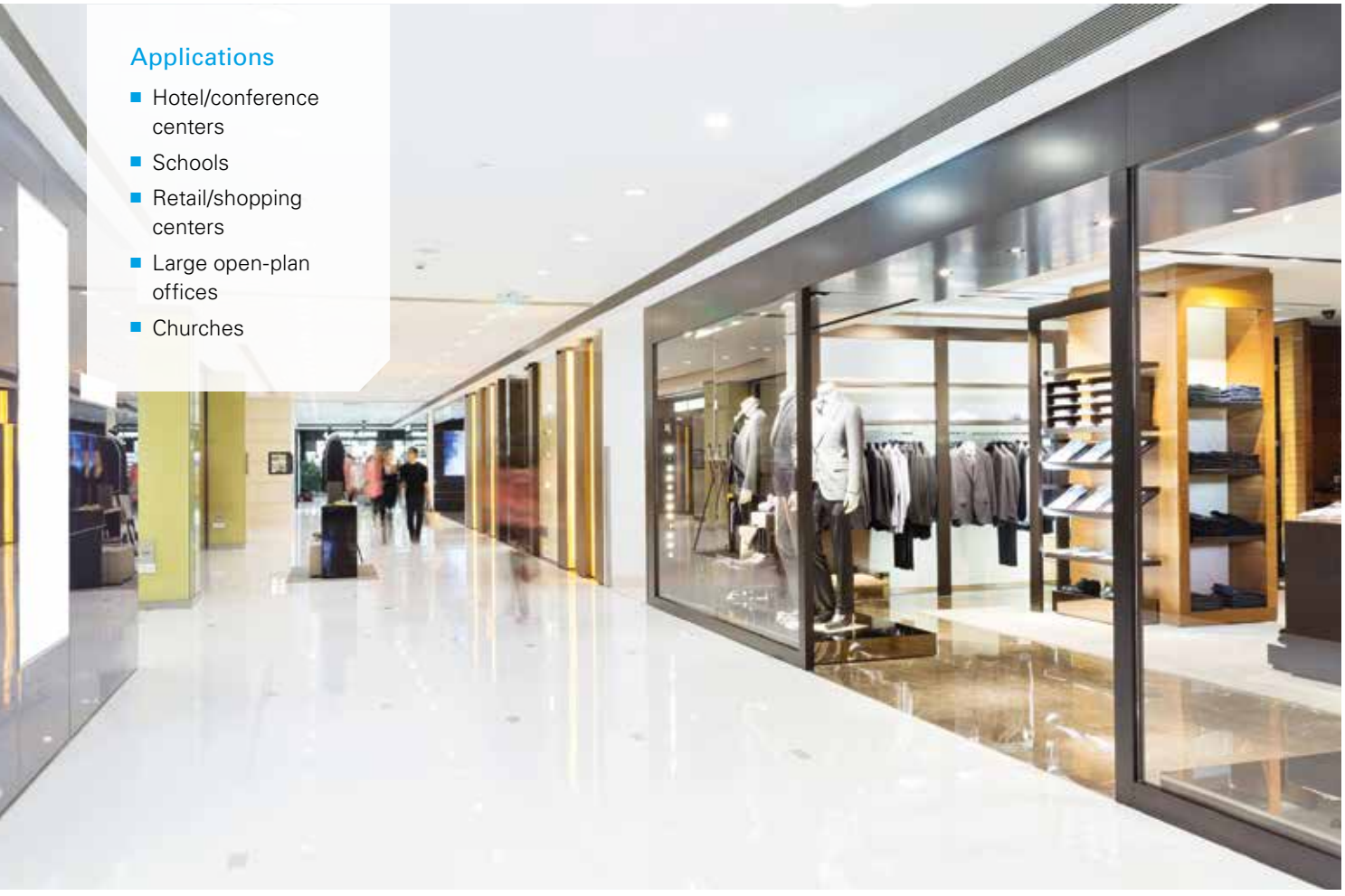
BRC1E73 (option)

BRC2A71 (option)

BRC4C82 (option)

Applications

- Hotel/conference centers
- Schools
- Retail/shopping centers
- Large open-plan offices
- Churches



FXMQ-MVJU SPECIFICATIONS			6 TON	8 TON
Model Name			FXMQ72MVJU	FXMQ96MVJU
Power Supply		V/ph/Hz	208-230/1/60	
Rated Cooling Capacity		BTU/h	72,000	96,000
Rated Heating Capacity		BTU/h	81,000	108,000
Airflow Rate (H/L)		CFM	2,047/1,764	2,541/2,188
Weight		lbs.	302	
Height		in.	18-1/8	
Width		in.	54-3/8	
Depth		in.	43-5/16	
Sound Pressure (H/L)		dB(A)	48/45	
Condensate Pipe Connection		in. O.D.	1	
Pipe Connections	Gas	in.	3/4 (Flare)	7/8 (Flare)
	Liquid	in.	3/8 (Flare)	
Refrigerant			R-410A	
Refrigerant Control			Electronic Expansion Valve	
Maximum Overcurrent Protective Device		A	15	
Minimum Circuit Amps		A	9.5	10.7
Protection Devices			Fuse and Fan Motor Thermal Protector	
External Finish			Galvanized Steel Plate	
External Static Pressure (Nominal/Maximum)		in. W.G.	0.38/0.95	0.43/1.1

Nominal Conditions:

Cooling Mode
Indoor: 80 °F DB / 67 °F WB
Outdoor: 95 °F DB
Pipe Length: 25 ft.
Level Difference: 0 ft.

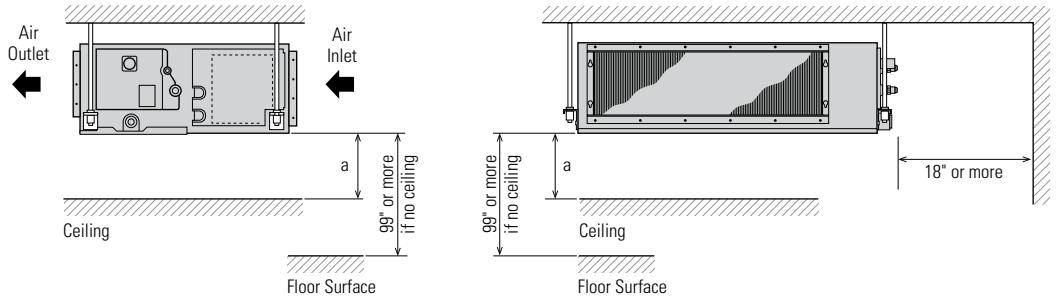
Heating Mode
Indoor: 70 °F DB
Outdoor: 47 °F DB / 43 °F WB
Pipe Length: 25 ft.
Level Difference: 0 ft.

Note: Specifications are subject to change without notice.

FXMQ-MVJU ACCESSORIES		
Model Name	FXMQ72MVJU	FXMQ96MVJU
Navigation Remote Controller*	BRC1E73	
Simplified Wired Remote Controller*	BRC2A71	
Wireless Remote Controller	BRC4C82	
Remote Sensor Kit	KRCS01-1B	
Wiring Adapter PCB (interface with aux/primary heater, humidifier, OA damper/fan)	KRP1C74	
Group Control Adapter PCB (connects to external BMS)	KRP4A71	
High Efficiency Filter Kit (MERV 13)	DACA-MQ96M-13-1K	
High Efficiency Filter Kit (MERV 8)	DACA-MQ96M-8-1K	

* Optional face plates available to provide a more intuitive user interface and disable specific functions

FXMQ-MVJU INSTALLATION SPACE



a = 12" or more if one inspection hatch (17-3/4" x 17-3/4") on the control box side and a space of 11 13/16" or more under the unit.

a = 1" or more if an inspection hatch the size of the indoor unit plus an additional 12" or more on the control box side is installed.

FXNQ-MVJU9

Concealed Floor-Standing Unit

Outside Air Integration Possible

Filter Included

Versatile, Logical, Durable, Quiet

The ideal way to save space, our floor-standing units can easily be installed along a perimeter wall — or concealed. The air distribution from these models will allow you to find the right balance for classrooms, churches, office hallways or similar spaces. The concealed floor units cover a wide range of capacities and can be built into counter in order to maintain the aesthetics of the room.

Features and Benefits

- Ideal for installation beneath a window
- Unit requires minimal installation space
- Fitted with a washable long-life filter
- Remote-control options available
- Space-saving unit can be freestanding or wall-mounted, concealed or exposed
- Models range from 7.5 MBH to 24 MBH

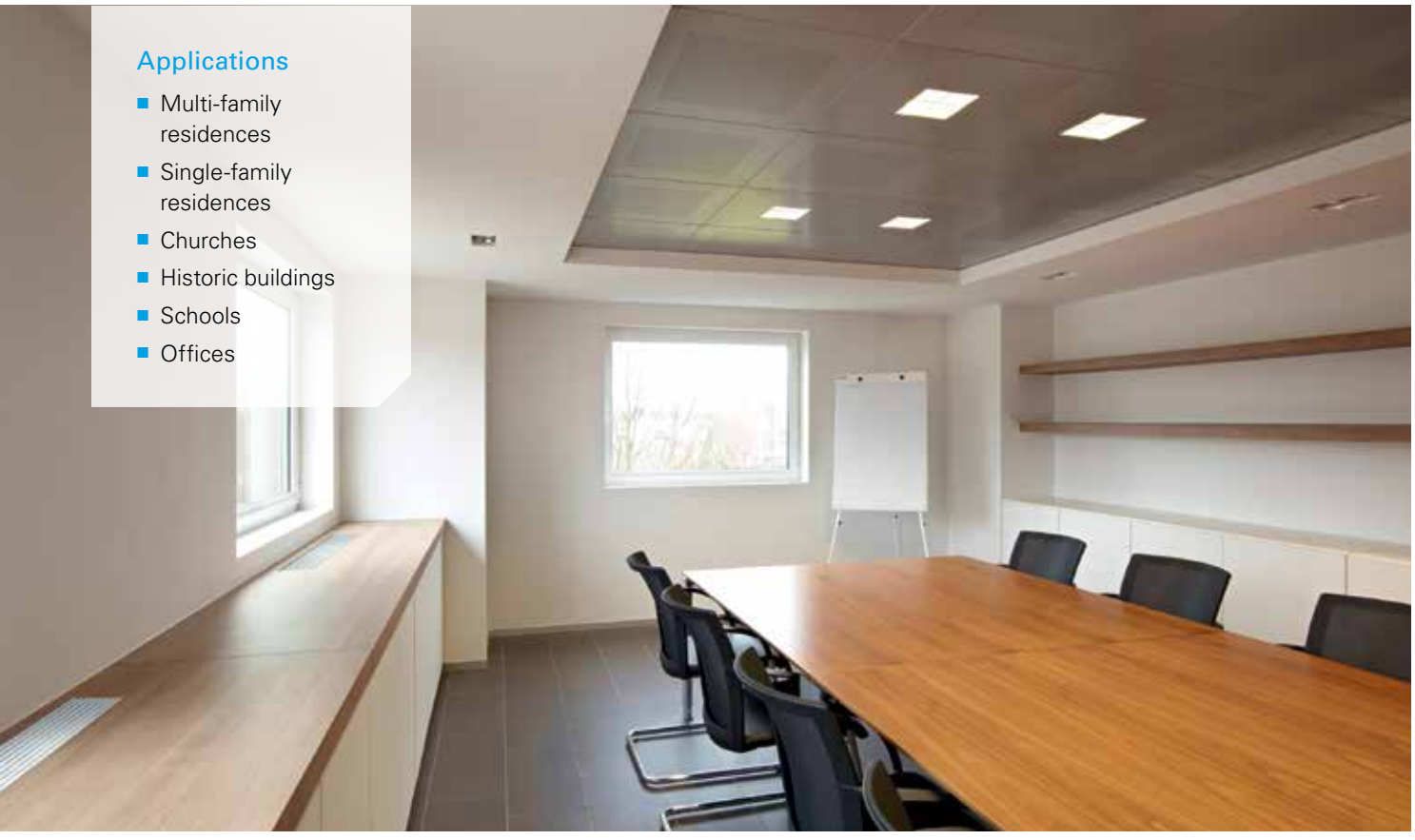
BRC1E73 (option)

BRC2A71 (option)

BRC4C82 (option)

Applications

- Multi-family residences
- Single-family residences
- Churches
- Historic buildings
- Schools
- Offices



FXNQ-MVJU9 SPECIFICATIONS			0.6 TON	0.75 TON	1 TON	1.5 TON	2 TON
Model Name			FXNQ07MVJU9	FXNQ09MVJU9	FXNQ12MVJU9	FXNQ18MVJU9	FXNQ24MVJU9
Power Supply		V/ph/Hz	208-230/1/60				
Rated Cooling Capacity		BTU/h	7,500	9,500	12,000	18,000	24,000
Rated Heating Capacity		BTU/h	8,500	10,500	13,500	20,000	27,000
Airflow Rate (H/L)		CFM	245/210		280/210	490/380	560/420
Weight		lbs.	47		51	60	
Height		in.	24				
Width		in.	36-5/8		42-1/8	53-1/8	
Depth		in.	8-5/8				
Sound Pressure (H/L)		dB(A)	35/32		36/33	40/35	41/36
Condensate Pipe Connection		in. O.D.	27/32				
Pipe Connections	Gas	in.	1/2				5/8
	Liquid	in.	1/4				3/8
Refrigerant			R-410A				
Refrigerant Control			Electronic Expansion Valve				
Maximum Overcurrent Protective Device		A	15				
Minimum Circuit Amps		A	0.3		0.5	0.6	
Protection Devices			Fuse and Fan Motor Thermal Protector				
External Finish			Galvanized Steel Plate				
Standard Filter Type			Resin Net (with Mold Resistant)				

Nominal Conditions:

Cooling Mode
Indoor: 80 °F DB / 67 °F WB
Outdoor: 95 °F DB
Pipe Length: 25 ft.
Level Difference: 0 ft.

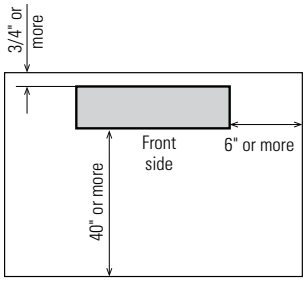
Heating Mode
Indoor: 70 °F DB
Outdoor: 47 °F DB / 43 °F WB
Pipe Length: 25 ft.
Level Difference: 0 ft.

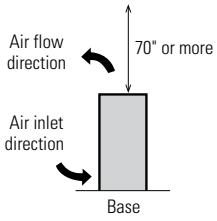
Note: Specifications are subject to change without notice.

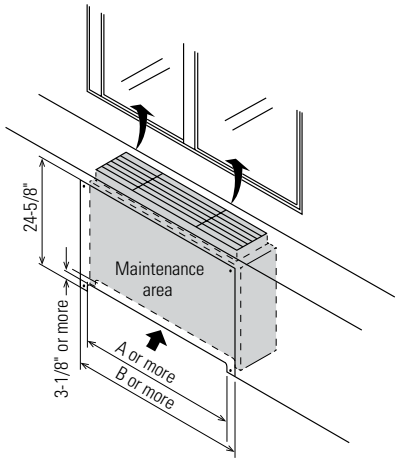
FXNQ-MVJU9 ACCESSORIES					
Model Name	FXNQ07MVJU9	FXNQ09MVJU9	FXNQ12MVJU9	FXNQ18MVJU9	FXNQ24MVJU9
Navigation Remote Controller	BRC1E73				
Simplified Wired Remote Controller*	BRC2A71				
Wireless Remote Controller	BRC4C82				
Remote Sensor Kit	KRCS01-1B				
Wiring Adapter PCB (interface with aux/primary heater, humidifier, OA damper/fan)	KRP1C74				
Group Control Adapter PCB (connects to external BMS)	KRP4A71				
Condensate Pump	DACA-CP3-1				

* Optional face plates available to provide a more intuitive user interface and disable specific functions

FXNQ-MVJU9 INSTALLATION SPACE







IMPORTANT
Leave sufficient clearance for air inlet and maintenance.

MODEL	A (IN.)	B (IN.)
FXNQ12MVJU9	28	46
FXNQ18 - 24MVJU9	39	57
FXNQ07-09MVJU	23	41

NEW **FXFQ-TVJU**

Round Flow Sensing Cassette

Condensate Pump as Standard

Optional Auto Cleaning Filter

Outside Air Integration Possible

Surface & Occupancy Sensor Kit as Standard

Filter Included

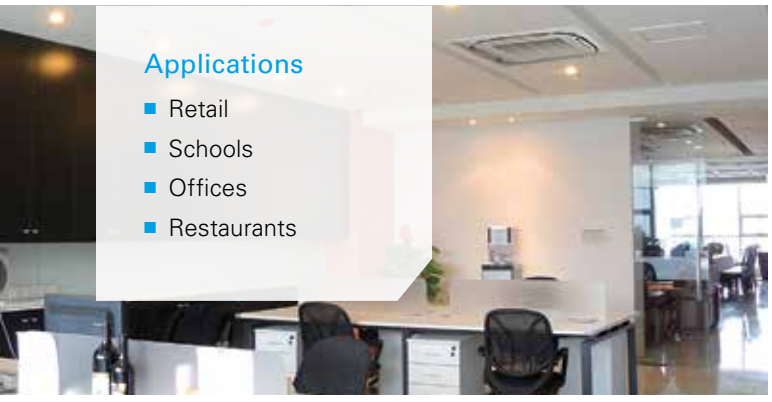
Adaptive Comfort Control

The Round Flow Sensing Cassette is ideal for open plan applications such as classrooms and offices where adaptive comfort control is preferred. The unit provides an excellent comfort level, energy efficiency, and flexibility due to advanced control functions based on input from three room sensors (occupancy, air temperature, and surface temperature). With 18 configurable airflow distribution patterns, it can be efficient and provide a comfortable environment in smaller, more intricate spaces as well.

Features and Benefits

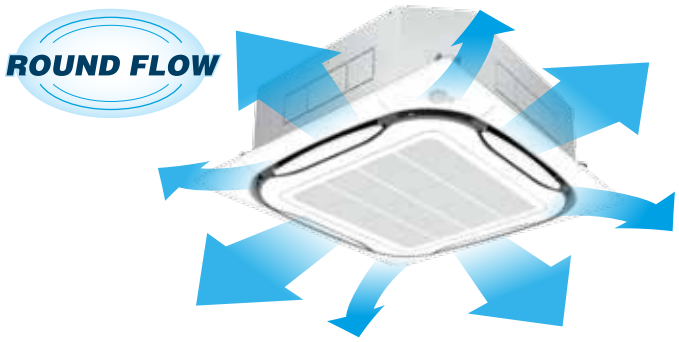
- Capacity range from 7.5 to 48 MBH.
- True 360° Airflow and three room sensors enables optimized occupant comfort and efficiency
- Energy efficient with DC fan motor and auto-logic that adjusts fan speed based on space load
- Optional self-cleaning air filter panel to further increase efficiency and reduce maintenance costs, when used in VRV IV systems
- Very flexible with 18 different possible airflow patterns, ensuring ideal air distribution to maximize comfort and efficiency
- Compact design to allow for installation in small ceiling voids
- Sound pressure levels as low as 27 db(A)
- Enhanced indoor air quality and LEED ready with MERV 13 filter options

The built-in occupancy sensor has two main functions: save energy and optimize occupancy comfort. In order to save energy, the function of the occupancy sensor can be used to automatically set back the air temperature and also lower the fan speed if no people are present in the room.



Applications

- Retail
- Schools
- Offices
- Restaurants



BRC1E73 (option)

BRC2A71 (option)

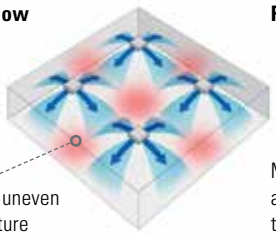
Together with the occupancy sensor, the air-temperature sensor and the built-in surface temperature sensor are used to maintain an even and comfortable temperature distribution from floor to ceiling in the room. This is done by automatically adjusting the supplied airflow rate and the individual position of each of the four supply air louvers in the unit, thus maintaining the required comfortable space environment.

In order to further increase efficiency and reduce maintenance costs, the Round-Flow Sensing Cassette can be equipped with an optional self-cleaning filter panel that performs automatic air-filter cleaning up to once a day. Dust is deposited into a collection box during the self-cleaning process. When indicated with light on the unit and on the controller display, the dust collection box in the unit can easily and quickly be emptied with a standard vacuum cleaner.

4-way flow vs. Round Flow

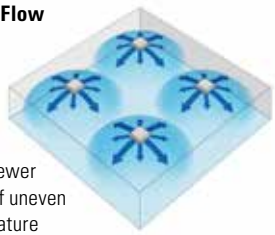
Round Flow Ceiling Mounted Cassette type offers 360˚ airflow with improved temperature distribution.

4-way flow



Areas of uneven temperature

Round Flow



Much fewer areas of uneven temperature

FXFQ-TVJU SPECIFICATIONS			0.60 TON	0.75 TON	1 TON	1.25 TON	1.5 TON	2 TON	2.5 TON	3 TON	4 TON
Model Name			FXFQ07TVJU	FXFQ09TVJU	FXFQ12TVJU	FXFQ15TVJU	FXFQ18TVJU	FXFQ24TVJU	FXFQ30TVJU	FXFQ36TVJU	FXFQ48TVJU
Power Supply		(V/ph/Hz)	208-230/1/60								
Rated Cooling Capacity		BTU/h	7,500	9,500	12,000	15,000	18,000	24,000	30,000	36,000	48,000
Rated Heating Capacity		BTU/h	8,500	10,500	13,500	17,000	20,000	27,000	34,000	40,000	54,000
Airflow Rate (H/M/L)		CFM	420/406/353	441/406/353	441/406/353	512/459/388	742/618/477	777/618/477	1,112/918/671	1,165/918/671	1,218/971/742
Weight		lbs.	42			48			58		
Height		in.	9-11/16						11-5/16		
Width		in.	33-1/16								
Depth		in.	33-1/16								
Sound Pressure (H/M/L)		dB(A)	30/28.5/27			31/29/27	35.5/32/28	36/32/28	43.5/38/32	44/38/32	45/40/35
Condensate Pump Lift		in.	33-1/2								
Condensate Pipe Connection		in. O.D.	1-1/4								
Pipe Connections	Gas	in.	1/2 (Flare)					5/8 (Flare)			
	Liquid	in.	1/4 (Flare)					3/8 (Flare)			
Refrigerant			R-410A								
Refrigerant Control			Electronic Expansion Valve								
Maximum Overcurrent Protective Device		A	15								
Minimum Circuit Amps		A	0.3			0.4	0.6	0.7	1.3	1.5	1.8
Protection Devices			Fuse/Breaker and Fan Motor Thermal Protector								
External Finish			Galvanized Steel Plate								
Standard Filter Type			Mold-Resistant Resin Net								

Nominal Conditions:

Cooling Mode
Indoor: 80 °F DB / 67 °F WB
Outdoor: 95 °F DB
Pipe Length: 25 ft.
Level Difference: 0 ft.

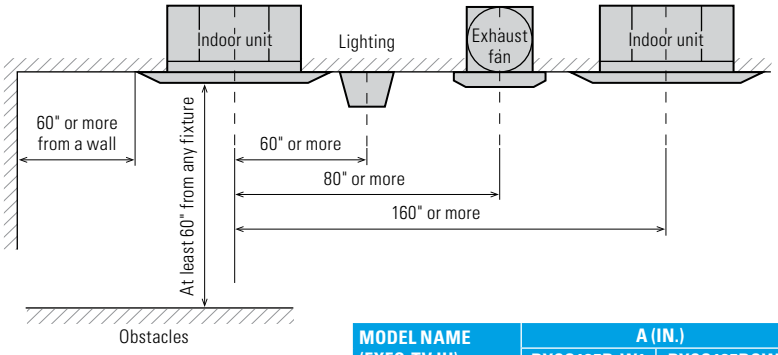
Heating Mode
Indoor: 70 °F DB
Outdoor: 47 °F DB / 43 °F WB
Pipe Length: 25 ft.
Level Difference: 0 ft.

Note: Specifications are subject to change without notice.

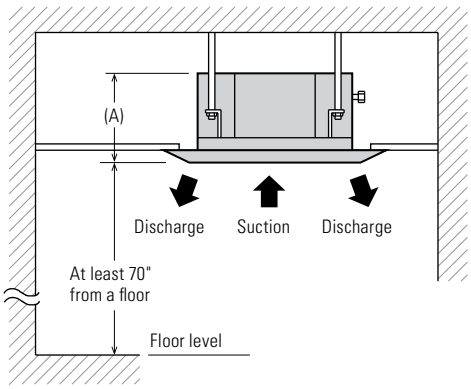
OPTION			FXFQ09-48TVJU			
Type of panel			Self-Cleaning Filter Panel		Standard Sensing Decoration Panel	
Self-Cleaning Filter Panel			BYCQ125BGW1		-	
Connection pipe (for dust recovery)			KKHAP55B160		-	
L-shape extension pipe			KKHAP55A160		-	
Standard Sensing Decoration Panel			-		BYCQ125B-W1	
Sealing material for air discharge outlet			KDBH55K160F		KDBH055B140	
Panel spacer			KDBP55H160FA		KDBP55H160FA	
Fresh air intake kit	Chamber type	Without T shape pipe	-		KDDQ55B140	
		With T shape pipe	-		KDDP55B160K	
	Direct installation type		-		KDDP55X160	
Filter chamber			-		KDDFP55B160	
Replacement long life filter			-		KAFP55B160	
Replacement ultra long life filter			-		KAFP55H160H	
Self-Cleaning Filter Panel replacement filter			KAFP554A160		-	
Branch duct chamber			KDJP55B80	KDJP55B160	KDJP55B80	KDJP55B160
MERV 13 Filter Kit			-		DACA-FQP13-1K	

OUTDOOR / CONDENSING UNIT COMPATIBILITY		
Outdoor Condensing Unit	FXFQ-TVJU with:	
	Self-Cleaning Filter Panel (BYCQ125BGW1)	Standard Sensing Decoration Panel (BYCQ125B-W1)
VRV IV	Yes	
VRV III VRV WIII VRV IV W-Series	No	Yes
VRV III-S SkyAir	No	

FXFQ-TVJU INSTALLATION SPACE



MODEL NAME (FXFQ-TVJU)	A (IN.)	
	BYCQ125B-W1	BYCQ125BGW1
07 · 09 · 12 · 15 · 18 · 24	10	13-1/4
30 · 36 · 48	11-3/4	14-7/8



NEW **FXUQ-PVJU**

4-Way Ceiling-Suspended Cassette

Condensate Pump as Standard

Filter Included

Optional Surface & Occupancy Sensor Kit

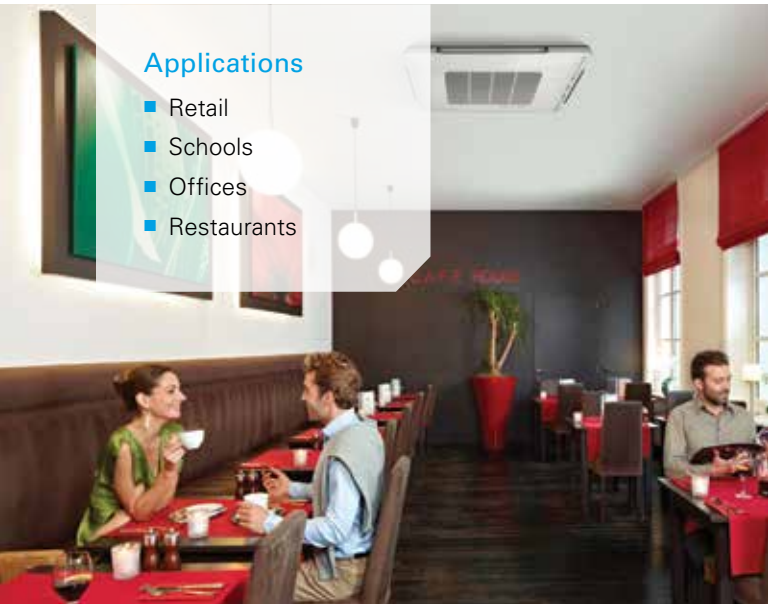
Slim, Stylish, Flexible

The unique 4-way ceiling-suspended cassette is an ideal solution for rooms without a false ceiling, or minimal space above a false ceiling, where adaptive comfort control is preferred.

The optional Sensor Kit (occupancy and surface temperature) together with air temperature sensor and advanced control functions enables the unit to provide an exceptional comfort level, energy efficiency, and flexibility.

Features and Benefits

- Very low unit height of under 8" makes it an ideal solution for school, shops, restaurants and offices with no or low false ceilings
- Optional Sensor Kit enables input from three room sensors to provide optimized occupant comfort and efficiency
- Stylish unit blends easily with any interior, as the air louvers close entirely when not in operation
- Energy efficient fan motor
- Individual air louver control — one or more louvers can be easily closed via the remote controller when required
- Ideal for both new and existing buildings
- Can also be mounted partially recessed in a false ceiling
- Same appearance and size for all capacity models
- Standard drain pump with 19.5" lift



Applications

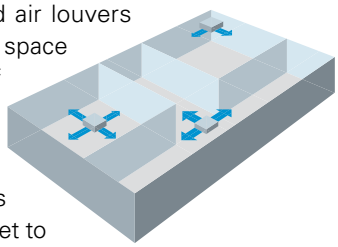
- Retail
- Schools
- Offices
- Restaurants

BRC1E73 (option)

BRC2A71 (option)

Flexible Airflow Pattern

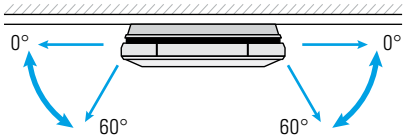
The four individually controlled air louvers in the unit enables comfortable space environment in a variety of different room layouts.



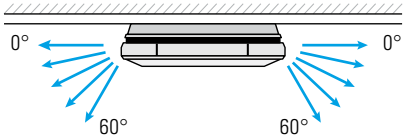
Air from each louver can be set to exhaust in 5 different angles between 0 and 60 degrees, or set to auto-swing.

Airflow Angles

Auto Swing: Wide discharge angle: 0° to 60°



Fixed angles: 5 levels



FXUQ-PVJU SPECIFICATIONS			1.5 TON	2 TON	2.5 TON	3 TON
Model Name			FXUQ18PVJU	FXUQ24PVJU	FXUQ30PVJU	FXUQ36PVJU
Power Supply		(V/ph/Hz)	208-230/1/60			
Rated Cooling Capacity		BTU/h	18,000	24,000	30,000	36,000
Rated Heating Capacity		BTU/h	20,000	27,000	34,000	40,000
Airflow Rate (H/M/L)		CFM	795/689/565		1095/918/742	
Weight		lbs.	58		60	
Height		in.	7-13/16			
Width		in.	37 3/8			
Depth		in.	37 3/8			
Sound Pressure (H/M/L)		dB(A)	40/38/36		47/44/40	
Condensate Pump Lift		in.	19.5			
Condensate Pipe Connection		in. O.D.	VP20			
Pipe Connections	Gas	in.	1/4 (Flare)		3/8 (Flare)	
	Liquid	in.	1/2 (Flare)		5/8 (Flare)	
Refrigerant			R-410A			
Refrigerant Control			Electronic Expansion Valve			
Maximum Overcurrent Protective Device		A	15			
Minimum Circuit Amps		A	0.6		1.4	
Protection Devices			Fuse and Fan Motor Thermal Protector			
External Finish			White Casing			
Standard Filter Type			Resin Net (with Mold Resister)			

Nominal Conditions:

Cooling Mode
Indoor: 80 °F DB / 67 °F WB
Outdoor: 95 °F DB
Pipe Length: 25 ft.
Level Difference: 0 ft.

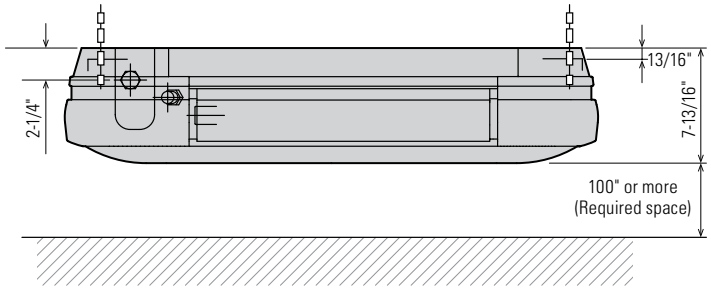
Heating Mode
Indoor: 70 °F DB
Outdoor: 47 °F DB / 43 °F WB
Pipe Length: 25 ft.
Level Difference: 0 ft.

Note: Specifications are subject to change without notice.

FXUQ-PVJU ACCESSORIES				
Model Name	FXUQ18PVJU	FXUQ24PVJU	FXUQ30PVJU	FXUQ36PVJU
Sealing Member of Air Discharge Outlet	KDBHP49B140			
Decoration Panel for Air Discharge	KDBTP49B140			
Replacement Long-Life Filter	KAFP551K160			
Remote Control (wired type)	BRC1E73			
Sensor Kit [2]	BRE49B1F			
Group Control Adapter Printed Circuit Board [1]	KRP4A74			
Installation Box for Adapter PCB	KRP1BA97			
Remote Sensor [2]	KRCS01-48			

[1] Installation box for Adapter PCB (KRP1BA97) is necessary. [2] Remote Sensor can only be installed when Sensor Kit is not installed.

FXUQ-PVJU INSTALLATION SPACE



Automatic air-direction control

Air-flow from the indoor unit is automatically adjusted to always maintain a comfortable environment — even when occupancy changes.

FXZQ-MVJU9

2'x2' 4-Way Ceiling-Mounted Cassette

Condensate Pump as Standard

Outside Air Integration Possible

Filter Included

Elegant, Low-maintenance, Comfortable

The 2'x2' 4-way Cassette is ideal for open plan applications such as classrooms, offices and retail. It provides both low noise and customizable comfort. Air can be distributed in any of four directions and the 2'x2' size of the unit makes layout and installation very easy.

Features and Benefits

- Fits in a standard 2'x2' ceiling grid.
- Sound pressure levels are as low as 29 dB(A)
- Space-saving depth of units requires only 11.6" of ceiling space
- Three auto-swing positions to choose from — standard, draft prevention and ceiling stain prevention
- Simple installation with an easy-to-fit decoration panel, easy height adjustment and a suction grille that can rotate up to 90°
- Easy-to-clean grille, washable long-life filter
- Condensate pump inside the unit with up to 21-1/2" lift as standard
- Models range from 7.5 MBH to 18 MBH

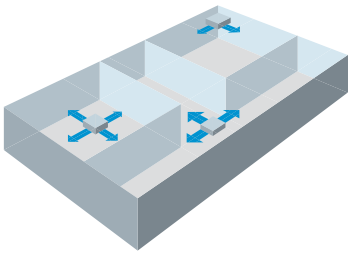
BRC1E73 (option)

BRC2A71 (option)

BRC7E830 (option)

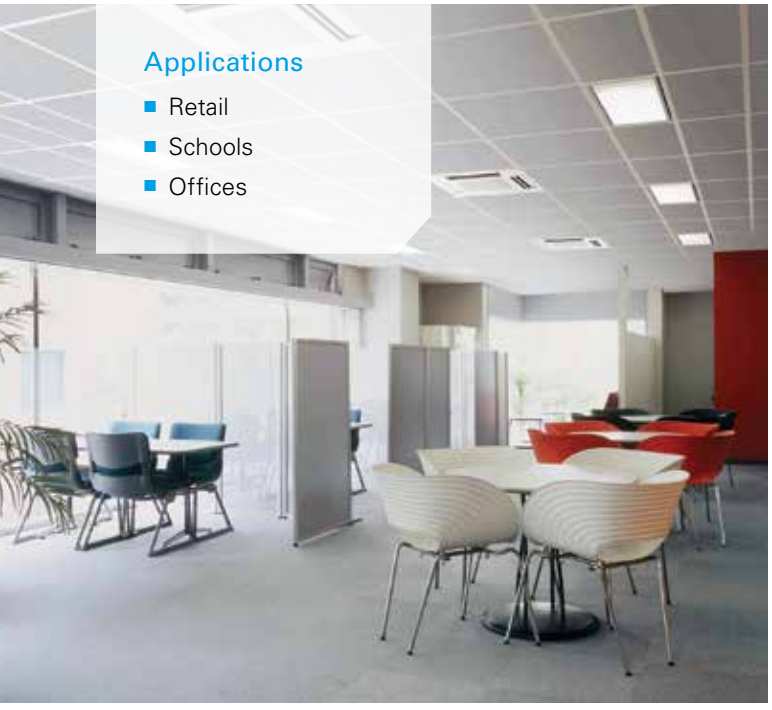
Flexible Airflow Patterns

The four air louvers in the unit enables comfortable space environment in many different room layouts.



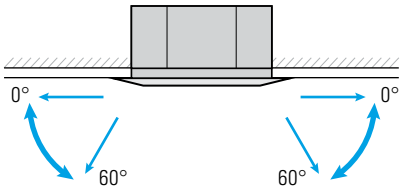
Applications

- Retail
- Schools
- Offices

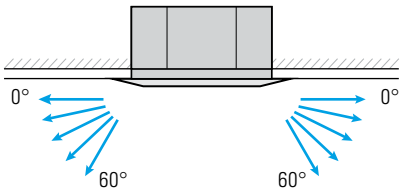


Airflow Angles

Auto Swing: Wide discharge angle: 0° to 60°



Fixed Angles: 5 Levels



Angles can be also set on site to prevent drafts (0°-35°) or soiling of the ceiling (25°-60°), other than standard setting (0°-60°).

FXZQ-MVJU9 SPECIFICATIONS			0.6 TON	0.75 TON	1 TON	1.25 TON	1.5 TON
Model Name			FXZQ07MVJU9	FXZQ09MVJU9	FXZQ12MVJU9	FXZQ15MVJU9	FXZQ18MVJU9
Power Supply		V/ph/Hz	208-230/1/60				
Rated Cooling Capacity		BTU/h	7,500	9,500	12,000	15,000	18,000
Rated Heating Capacity		BTU/h	8,700	11,100	14,000	17,500	21,000
Airflow Rate (H/L)		CFM	320/247	335/265	335/265	388/282	495/353
Weight		lbs.	42				
Height		in.	11-1/4				
Width		in.	22-5/8				
Depth		in.	22-5/8				
Sound Pressure (H/L)		dB(A)	31/29	33/29	41/34		
Condensate Pump Lift		in.	21-1/2				
Condensate Pipe Connection		in. O.D.	1-1/32				
Pipe Connections	Gas	in.	1/2 (Flare)				
	Liquid	in.	1/4 (Flare)				
Refrigerant			R-410A				
Refrigerant Control			Electronic Expansion Valve				
Maximum Overcurrent Protective Device		A	15				
Minimum Circuit Amps		A	0.8				0.9
Protection Devices			Fuse and Fan Motor Thermal Protector				
External Finish			Galvanized Steel Plate				
Standard Filter Type			Resin Net (with Mold Resistant)				

Nominal Conditions:

Cooling Mode
Indoor: 80 °F DB / 67 °F WB
Outdoor: 95 °F DB
Pipe Length: 25 ft.
Level Difference: 0 ft.

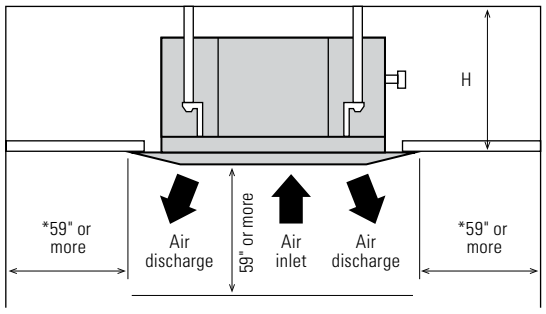
Heating Mode
Indoor: 70 °F DB
Outdoor: 47 °F DB / 43 °F WB
Pipe Length: 25 ft.
Level Difference: 0 ft.

Note: Specifications are subject to change without notice.

FXZQ-MVJU9 ACCESSORIES				
Model Name	FXZQ07MVJU9	FXZQ09MVJU9	FXZQ12MVJU9	FXZQ18MVJU9
Navigation Remote Controller*	BRC1E73			
Simplified Wired Remote Controller*	BRC2A71			
Remote Sensor Kit	KRCS01-1B			
Decoration Panel	BYFQ60B8W1U			
Wiring Adapter PCB (interface with aux/primary heater, humidifier, OA damper/fan)	KRP1B72			
Long-Life Replacement Filter	KAFQ441BA60			
Sealing Member of Air Discharge Outlet	KDBHQ44B60			
Panel Spacer	KDBQ44B60			
Fresh Air Intake Kit	KDDQ44XA60			

* Optional face plates available to provide a more intuitive user interface and disable specific functions

FXZQ-MVJU9 INSTALLATION SPACE



MODEL	HEIGHT
FXZQ07-18MVJU9	11.6" or more

* Leave 7-7/8" or more space on sides where the air outlet is closed.

NEW **FXEQ-PVJU**

Ceiling-Mounted Cassette (Single Flow)

Condensate Pump as Standard

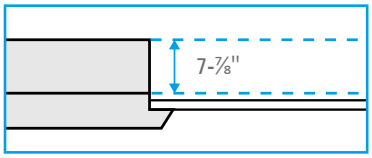
Outside Air Integration Possible

Filter Included

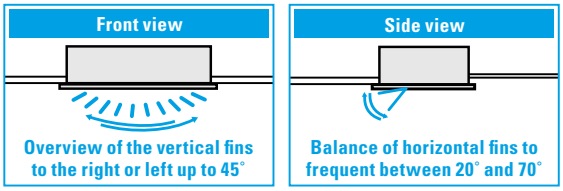
Slim and Compact Design for Installation Flexibility

Features and Benefits

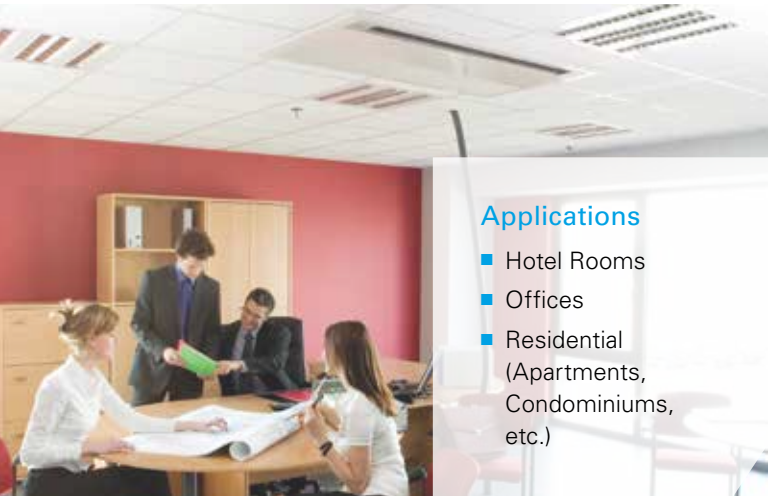
- The main body of the unit is optimized to be a compact design. Only 7-⅞" in height and a width of 18-½" making it possible to use this style of indoor unit in the tightest of spaces.



- The innovative discharge air louver design forces air in heating mode to ground level to improve the overall space heating effect of the indoor unit.



- The unit is equipped with both horizontal and vertical louvers that can be freely adjusted with the remote controller providing a capability to optimize the airflow and throw to suit your room design.
- The utilization of both a DC-style Fan Motor and integrated Condensate Pump allow for improvements in energy consumption as well as lower operating sound levels than other styles of indoor units.
- This Indoor unit can be set to 5 predetermined fan speeds using the BRC1E73 wired remote controller, which allows for optimum and comfortable airflow.

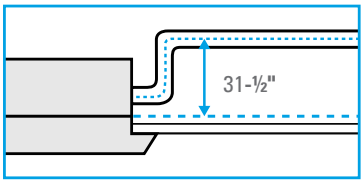


Applications

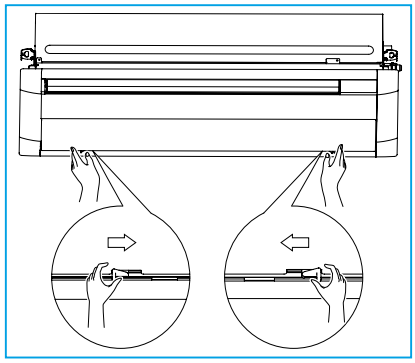
- Hotel Rooms
- Offices
- Residential (Apartments, Condominiums, etc.)

- A Ventilation Air knock-out is provided to allow up to 15% of the rated airflow through the unit to be pretreated outside air.
- The innovative "smooth finish" decoration panel design helps to minimize dust and dirt build-up and facilitates easier cleaning.

- The Indoor Unit is equipped with a factory installed condensate pump with a lift capacity of up to 33-7/16" (measured from the bottom of the unit).



- The units are equipped with customizable auxiliary heat control settings to facilitate the On/Off control of an external auxiliary heat solution.
- For ease of service and maintenance activities, it is possible to access the main components of the unit by only removing the decoration panel.



FXEQ-PVJU SPECIFICATIONS				0.6 TON	0.75 TON	1.0 TON	1.25 TON	1.5 TON	2 TON
MODEL				FXEQ07PVJU	FXEQ09PVJU	FXEQ12PVJU	FXEQ15PVJU	FXEQ18PVJU	FXEQ24PVJU
Power Supply				1 phase 60Hz 208/230V					
Cooling capacity	*1,*3		Btu/h (kW)	7500 (2.5)	9500 (2.8)	12000 (3.5)	15000 (4.4)	18000 (5.3)	24000 (7.0)
Heating capacity	*2,*3		Btu/h (kW)	8500 (2.5)	10500 (3.1)	13500 (4.0)	17000 (5.0)	20000 (5.9)	27000 (7.9)
Electrical	Min. circuit amps (MCA)		A	0.3	0.4	0.4	0.5	0.5	0.7
	Max. overcurrent protection (MOP)		A	15	15	15	15	15	15
Casing/color				Galvanized steel plate					
Dimensions: (H x W x D)			in. (mm)	7-⅞ x 18-½ x 33-1-1/16 (200 x 470 x 840)				7-⅞ x 18-½ x 48-13/16 (200 x 470 x 1240)	
Fan	Type			Sirocco fan					
	Air flow rate (Dry coil)	Cooling (H/HM/M/ML/L)	CFM (m^3/min)	212/191/173/155/141 (6.0/5.4/4.9/4.4/4.0)	244/226/205/187/170 (6.9/6.4/5.8/5.3/4.8)	283/265/247/223/194 (8.0/7.5/7.0/6.3/5.5)	346/311/276/247/219 (9.8/8.8/7.8/7.0/6.2)	441/403/367/336/307 (12.5/11.4/10.4/9.5/8.7)	530/481/431/389/346 (15.0/13.6/12.2/11.0/9.8)
	Drive			Direct drive					
Sound pressure level		Cooling (H/HM/M/ML/L)	dBA	30/29/28/27/26	32/31/30/29/28	35/34/33/32/30	38/37/35/33/31	38/37/35/33/31	43/41/39/37/35
Weight			lbs. (kg)	37.5 (17)			39.7 (18)	50.7 (23)	
Piping connections	Liquid		in. (mm)	ø ¼ (6.4) (flare connection)					ø ⅜ (9.5) (flare connection)
	Gas		in. (mm)	ø ½ (12. 7) (flare connection)					ø ⅝ (15.9) (flare connection)
	Drain		in. (mm)	PVC26 (O.D. 1-1/32 (26) x I.D. 13/16 (20))					
Drain pump lift			in. (mm)	25 (635)					
Refrigerant control				Electronic expansion valve					
Connectable outdoor unit				R-410A VRV Series					
Decoration panel (required option)	Model			BYEP40AW1				BYEP63AW1	
	Color			Fresh White					
	Dimensions (H x W x D)		in. (mm)	3-3/16 x 21-⅝ x 37-13/32 (80 x 550 x 950)				3-3/16 x 21-⅝ x 53-5/32 (80 x 550 x 1350)	
	Air filter			Resin net (with mold resistant)					
	Weight		lbs (kg)	17.6 (8)				22 (10)	

Note: *1. Nominal cooling capacities are based on the following conditions: return air temperature: 80.0° FDB (26.7°C DB), 67.0° FWB (19.4°CWB), outdoor temperature: 95.0° FDB (35.°C DB) equivalent ref. piping: 25ft. (7.6m) (Horizontal)

*2. Nominal heating capacities are based on the following conditions: return air temperature: 70.0° FDB (21.1°C DB), outdoor temperature: 47.0° FDB (8.3°C DB), 43.0° FDB (6.1°C WB) equivalent ref. piping: 25ft. (7.6m) (Horizontal)

*3 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.

FXEQ-PVJU ACCESSORIES							
MODEL		FXEQ07PVJU	FXEQ09PVJU	FXEQ12PVJU	FXEQ15PVJU	FXEQ18PVJU	FXEQ24PVJU
Name of Option	Note						
Decoration panel		BYEP40AW1				BYEP63AW1	
Wired remote controller		BRC1E73					
Simplified remote controller		BRC2A71					
Remote sensor		KRCS01-4B					
Wiring adaptor printed circuit board	2	KRP1C75					
Group control adaptor printed circuit board	2	KRP4A74					
Adaptor mounting box		KRP1B101					

Note: *1. Electrical box (No.5-1/6-1) is required for controller (No. 5/6) *2. Adaptor mounting box (No.12) is necessary.

FXEQ-PVJU INSTALLATION SPACE

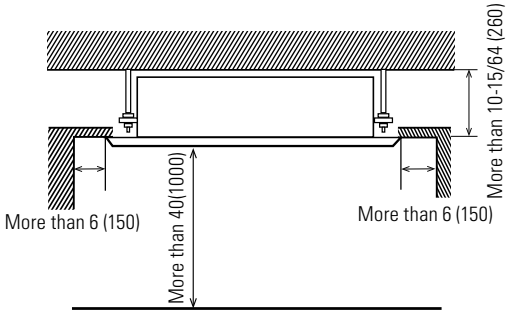
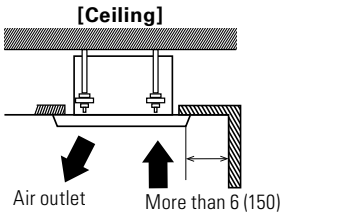


Figure 1



Unit: [in. (mm)]

Figure 2

FXHQ-MVJU

Ceiling-Suspended Unit

Optional Condensate Pump

Filter Included

Slim, Efficient, Quiet, Easy to Maintain

With its slim, elegant design, the FXHQ ceiling-suspended unit is a great fit for any light commercial space. Wide air openings provide a comfortable airflow and an innovative stream fan ensures quiet operation, making it ideal for retail stores, restaurants, classrooms and conference rooms.

Features and Benefits

- One of our slimmest indoor units (less than 8") fits within any interior design
- Wide air discharge outlet distributes a comfortable airflow throughout the entire space with throw of up to 25 ft.
- Innovative stream fan technology keeps sound pressure levels low
- Smooth flat louver design makes cleaning simple
- Long-life filter is standard
- Models range from 12 MBH to 36 MBH

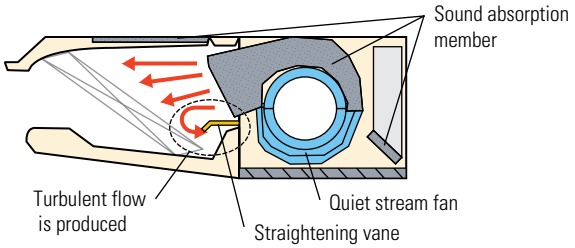
BRC1E73 (option)

BRC2A71 (option)

BRC7E83 (option)

Quiet Stream Fan (side view)

Uses the quiet stream fan and many more advanced technologies.



Applications

- Retail/shops
- Offices
- Restaurants

FXHQ-MVJU SPECIFICATIONS			1 TON	2 TON	3 TON
Model Name			FXHQ12MVJU	FXHQ24MVJU	FXHQ36MVJU
Power Supply		V/ph/Hz	208-230/1/60		
Rated Cooling Capacity		BTU/h	12,000	24,000	36,000
Rated Heating Capacity		BTU/h	13,500	27,000	40,000
Airflow Rate (H/L)		CFM	410/340	710/600	830/670
Weight		lbs.	55	80	90
Height		in.	7-11/16		
Width		in.	37-13/16	55-1/8	62-5/8
Depth		in.	26-3/4		
Sound Pressure (H/L)		dB(A)	42/33	44/36	46/41
Condensate Pipe Connection		in. O.D.	1		
Pipe Connections	Gas	in.	1/2 (Flare)	5/8 (Flare)	
	Liquid	in.	1/4 (Flare)	3/8 (Flare)	
Refrigerant			R-410A		
Refrigerant Control			Electronic Expansion Valve		
Maximum Overcurrent Protective Device		A	15		
Minimum Circuit Amps		A	0.8	1.0	1.4
Protection Devices			Fuse and Fan Motor Thermal Protector		
External Finish			White Casing		
Standard Filter Type			Resin Net (with Mold Resistant)		

Nominal Conditions:

Cooling Mode
Indoor: 80 °F DB / 67 °F WB
Outdoor: 95 °F DB
Pipe Length: 25 ft.
Level Difference: 0 ft.

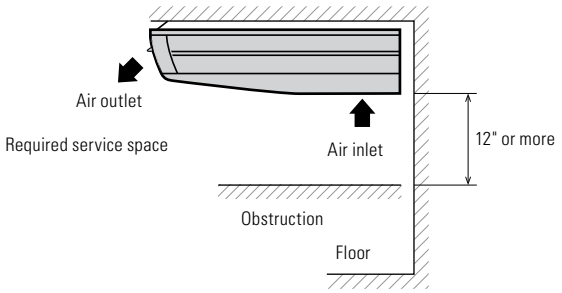
Heating Mode
Indoor: 70 °F DB
Outdoor: 47 °F DB / 43 °F WB
Pipe Length: 25 ft.
Level Difference: 0 ft.

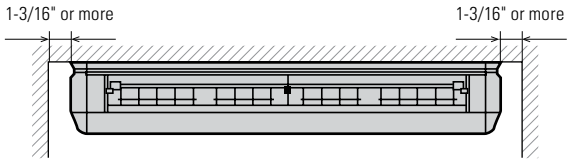
Note: Specifications are subject to change without notice.

FXHQ-MVJU ACCESSORIES			
Model Name	FXHQ12MVJU	FXHQ24MVJU	FXHQ36MVJU
Navigation Remote Controller*	BRC1E73		
Simplified Wired Remote Controller*	BRC2A71		
Wireless Remote Controller	BRC7E83		
Remote Sensor Kit	KRCS01-1B		
Wiring Adapter PCB (interface with aux/primary heater, humidifier, OA damper/fan)	KRP1C74		
Group Control Adapter PCB (connects to external BMS)	KRP4A72		
Replacement long-life filter	KAFJ501D56	KAFJ501D112	KAFJ501D160
Condensate Pump	DACA-CP3-1		

* Optional face plates available to provide a more intuitive user interface and disable specific functions

FXHQ-MVJU INSTALLATION SPACE





FXAQ-PVJU

Wall-Mounted Unit

Optional Condensate Pump

Filter Included

Stylish, Compact, Convenient, Comfortable

Daikin's wall-mounted units are ideal for cooling or heating smaller zones such as stores, offices, and restaurants. The compact, stylish design lets the unit blend discreetly into any interior design, and airflow can be supplied in any of five different directions and easily programmed via remote control.

BRC1E73 (option)

BRC2A71 (option)

BRC7E818 (option)

Features and Benefits

- Auto-swing mechanism ensures efficient air distribution via louvers that automatically close when the unit is turned off
- Wide air discharge outlet distributes a comfortable airflow throughout the entire space
- Horizontal louvers and front panel can be easily removed for cleaning
- Drain pipe can be easily hidden from sight
- Models range from 7.5 MBH to 24 MBH

Applications

- Retail
- Restaurants
- Offices
- Hotels
- Multi-family residences

FXAQ-PVJU SPECIFICATIONS			0.6 TON	0.75 TON	1 TON	1.5 TON	2 TON
Model Name			FXAQ07PVJU	FXAQ09PVJU	FXAQ12PVJU	FXAQ18PVJU	FXAQ24PVJU
Power Supply		V/ph/Hz	208-230/1/60				
Rated Cooling Capacity		BTU/h	7,500	9,500	12,000	18,000	24,000
Rated Heating Capacity		BTU/h	8,500	10,500	13,500	20,000	27,000
Airflow Rate (H/L)		CFM	260/160	280/175	300/180	500/400	635/470
Weight		lbs.	25			31	
Height		in.	11-3/8				
Width		in.	31-1/4			41-3/8	
Depth		in.	9				
Sound Pressure (H/L)		dB(A)	36/31	37/31	38/31	43/37	47/40
Condensate Pipe Connection		in. O.D.	11/16				
Pipe Connections	Gas	in.	1/2 (Flare)				5/8 (Flare)
	Liquid	in.	1/4 (Flare)				3/8 (Flare)
Refrigerant			R-410A				
Refrigerant Control			Electronic Expansion Valve				
Maximum Overcurrent Protective Device		A	15				
Minimum Circuit Amps		A	0.4			0.5	0.6
Protection Devices			Fuse and Fan Motor Thermal Protector				
External Finish			White Casing				
Standard Filter Type			Resin Net (washable)				

Nominal Conditions:

Cooling Mode
Indoor: 80 °F DB / 67 °F WB
Outdoor: 95 °F DB
Pipe Length: 25 ft.
Level Difference: 0 ft.

Heating Mode
Indoor: 70 °F DB
Outdoor: 47 °F DB / 43 °F WB
Pipe Length: 25 ft.
Level Difference: 0 ft.

Note: Specifications are subject to change without notice.

FXAQ-PVJU ACCESSORIES					
Model Name	FXAQ07PVJU	FXAQ09PVJU	FXAQ12PVJU	FXAQ18PVJU	FXAQ24PVJU
Navigation Remote Controller*	BRC1E73				
Simplified Wired Remote Controller*	BRC2A71				
Wireless Remote Controller	BRC7E818				
Remote Sensor Kit	KRCS01-1B				
Group Control Adapter PCB (Connects to external BMS)	KRP4A71				
Condensate Pump	DACA-CP1-1				

* Optional face plates available to provide a more intuitive user interface and disable specific functions

FXAQ-PVJU INSTALLATION SPACE

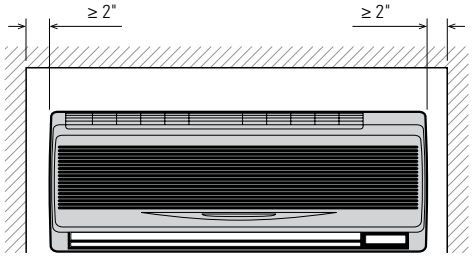


Fig.1

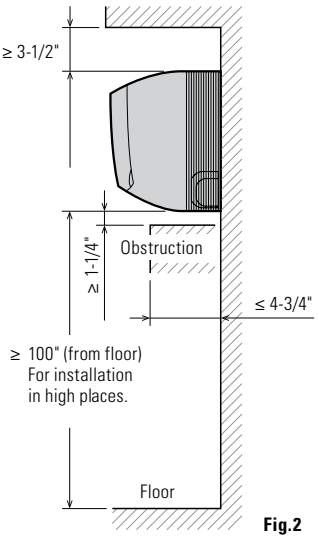


Fig.2

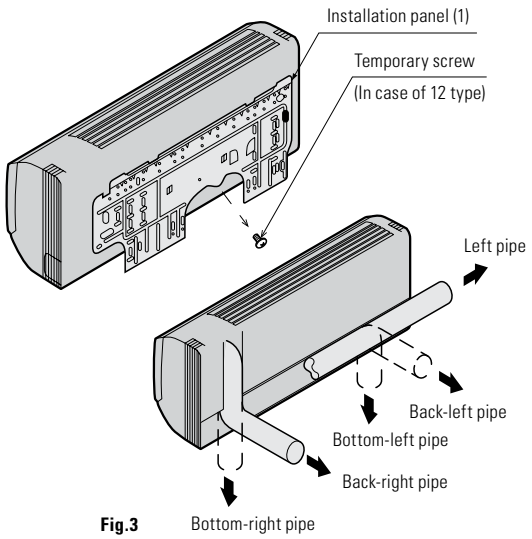


Fig.3

VRV PRODUCTS

FXLQ-MVJU9

Floor-Standing Unit

Outside Air Integration Possible

Filter Included

Versatile, Logical, Durable, Quiet

The ideal way to save space, our floor-standing units can easily be installed along a perimeter wall. The air distribution from these models will allow you to find the right balance for classrooms, churches, office hallways or similar spaces.

Features and Benefits

- Ideal for installation beneath a window
- Unit requires minimal installation space
- Fitted with a washable long-life filter
- Remote-control options available
- Space-saving unit can be freestanding or wall-mounted
- Models range from 7.5 MBH to 24 MBH

BRC1E73 (option)

BRC2A71 (option)

BRC4C82 (option)

Applications

- Multi-family residences
- Single-family residences
- Churches
- Historic buildings
- Schools
- Offices

FXLQ-MVJU9 SPECIFICATIONS			0.6 TON	0.75 TON	1 TON	1.5 TON	2 TON
Model Name			FXLQ07MVJU9	FXLQ09MVJU9	FXLQ12MVJU9	FXLQ18MVJU9	FXLQ24MVJU9
Power Supply		V/ph/Hz	208-230/1/60				
Rated Cooling Capacity		BTU/h	7,500	9,500	12,000	18,000	24,000
Rated Heating Capacity		BTU/h	8,500	10,500	13,500	20,000	27,000
Airflow Rate (H/L)		CFM	245/210		280/210	490/380	560/420
Weight		lbs.	58		66	80	
Height		in.	23-5/8				
Width		in.	39-3/8		44-7/8	55-7/8	
Depth		in.	8-3/4				
Sound Pressure (H/L)		dB(A)	35/32		36/33	40/35	41/36
Condensate Pipe Connection		in. O.D.	27/32				
Pipe Connections	Gas	in.	1/2 (Flare)				5/8 (Flare)
	Liquid	in.	1/4 (Flare)				3/8 (Flare)
Refrigerant			R-410A				
Refrigerant Control			Electronic Expansion Valve				
Maximum Overcurrent Protective Device		A	15				
Minimum Circuit Amps		A	0.3		0.5	0.6	
Protection Devices			Fuse and Fan Motor Thermal Protector				
External Finish			Ivory White Casing				
Standard Filter Type			Resin Net (with Mold Resistant)				

Nominal Conditions:

Cooling Mode
Indoor: 80 °F DB / 67 °F WB
Outdoor: 95 °F DB
Pipe Length: 25 ft.
Level Difference: 0 ft.

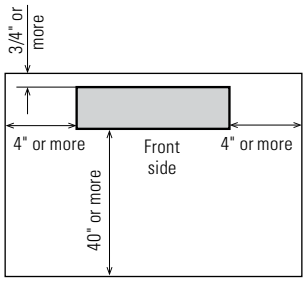
Heating Mode
Indoor: 70 °F DB
Outdoor: 47 °F DB / 43 °F WB
Pipe Length: 25 ft.
Level Difference: 0 ft.

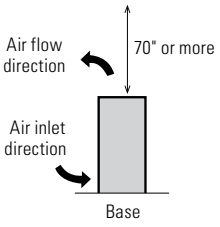
Note: Specifications are subject to change without notice.

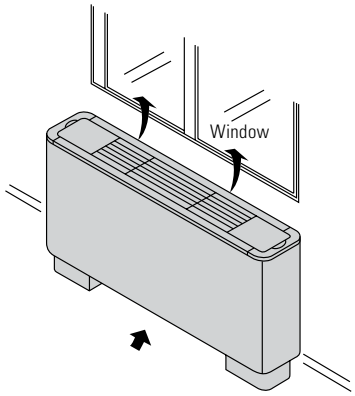
FXLQ-MVJU9 ACCESSORIES						
Model Name	FXLQ12MVJU9	FXLQ18MVJU9	FXLQ24MVJU9	FXNQ12MVJU9	FXNQ18MVJU9	FXNQ24MVJU9
Navigation Remote Controller*	BRC1E73					
Simplified Wired Remote Controller*	BRC2A71					
Wireless Remote Controller	BRC4C82					
Remote Sensor Kit	KRCS01-1B					
Wiring Adapter PCB (interface with aux/primary heater, humidifier, OA damper/fan)	KRP1C74					
Group Control Adapter PCB (connects to external BMS)	KRP4A71					

* Optional face plates available to provide a more intuitive user interface and disable specific functions

FXLQ-MVJU9 INSTALLATION SPACE







VRV Products Outdoor Units

VRV IV
Air-Cooled Heat Recovery

Variable Refrigerant Temperature

Daikin's VRV IV systems integrate advanced technology to provide comfort control to help maximize energy efficiency and reliability. VRV IV provides a heating and cooling solution for multi-family residential to large commercial applications. Daikin VRV IV is the first variable refrigerant flow (VRF) system to be assembled in North America.

Features and Benefits

- Total comfort solution for heating, cooling, ventilation and controls
- All inverter compressors and inverter fan motors optimize part load efficiency.
- Redesigned and optimized for low total Life Cycle Cost (LCC)
- New single/multiple port branch selector boxes provide compact dimensions and a wide range of product offerings (single, 4, 6, 8, 10 and 12 port options)
- Reduced install cost and increased flexibility as compared to VRV III with larger capacity single modules up to 14 Tons and system capacity up to 38 Tons
- Efficiency improved over VRV III by an average of 21% with IEER Values now up to 29.3
- Improved seasonal efficiency as compared to VRV III with automatic and customizable Variable Refrigerant Temperature (VRT) climate tuning
- Outstanding warranty* with 10 year compressor and parts limited warranty as standard
- Reduced commissioning time vs. VRV III with VRV configurator software and Graphical User Interface (GUI)
- Design flexibility with long piping lengths up to 3,280 ft. total and up to 100 ft. vertical separation between indoor units
- Take advantage of Daikin's advanced zone and centralized controls that are optimized for the specific needs of North America

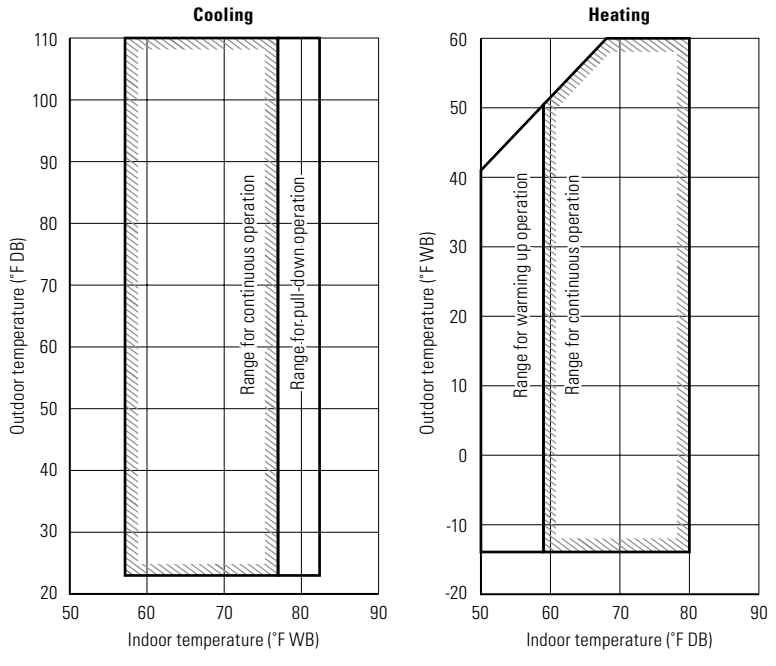
* Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

VRV IV CERTIFIED DATA - HEAT RECOVERY, 208-230V/60HZ/3PH AND 460V/60HZ/3PH

Product #	IEER Non-Ducted	IEER Ducted	IEER Mixed	SCHE Non-Ducted	SCHE Ducted	SCHE Mixed	COP @ 47°F Non-Ducted	COP @ 47°F Ducted	COP @ 47°F Mixed	COP @ 17°F Non-Ducted	COP @ 17°F Ducted	COP @ 17°F Mixed	EER Non-Ducted	EER Ducted	EER Mixed
REYQ72T	26.20	20.80	23.50	27.80	22.60	25.20	4.29	3.82	4.06	2.77	2.63	2.70	15.80	13.40	14.60
REYQ96T	29.30	21.00	25.15	27.30	23.00	25.15	4.25	3.72	3.99	2.63	2.31	2.47	15.10	13.10	14.10
REYQ120T	25.40	20.70	23.05	27.90	25.10	26.50	3.98	3.51	3.75	2.54	2.32	2.43	13.90	12.60	13.25
REYQ144T	24.20	20.70	22.45	25.50	23.80	24.65	3.81	3.55	3.68	2.56	2.35	2.46	12.90	11.90	12.40
REYQ168T	22.00	19.50	20.75	26.60	22.80	24.70	3.77	3.33	3.55	2.32	2.15	2.24	11.70	11.30	11.50
REYQ192T	22.90	20.40	21.65	26.60	22.90	24.75	3.84	3.67	3.76	2.55	2.38	2.47	12.50	12.60	12.55
REYQ216T	22.90	20.20	21.55	25.60	22.50	24.05	3.73	3.67	3.70	2.45	2.28	2.37	12.50	12.40	12.45
REYQ240T	21.90	19.20	20.55	25.60	22.70	24.15	3.67	3.55	3.61	2.48	2.31	2.40	12.20	11.60	11.90
REYQ264T	21.60	18.10	19.85	24.40	22.00	23.20	3.55	3.38	3.47	2.42	2.26	2.34	11.80	10.50	11.15
REYQ288T	21.40	18.20	19.80	23.30	21.40	22.35	3.51	3.26	3.39	2.41	2.24	2.33	11.80	10.90	11.35
REYQ312T	20.20	17.80	19.00	23.60	20.30	21.95	3.56	3.22	3.39	2.41	2.24	2.33	11.30	10.60	10.95
REYQ336T	19.00	17.00	18.00	23.20	20.40	21.80	3.52	3.20	3.36	2.18	2.06	2.12	10.70	10.00	10.35
REYQ360T	19.60	17.90	18.75	22.60	20.20	21.40	3.51	3.31	3.41	2.42	2.17	2.30	10.80	11.00	10.90
REYQ384T	18.30	16.60	17.45	22.40	18.70	20.55	3.21	3.21	3.21	2.34	2.06	2.20	9.80	9.80	9.80
REYQ408T	17.20	16.50	16.85	21.80	18.30	20.05	3.21	3.20	3.21	2.09	2.06	2.08	9.80	9.70	9.75
REYQ432T	16.20	16.50	16.35	21.10	18.10	19.60	3.21	3.20	3.21	2.08	2.06	2.07	9.80	9.70	9.75
REYQ456T	16.20	15.90	16.05	20.90	17.90	19.40	3.21	3.20	3.21	2.07	2.05	2.06	9.50	9.50	9.50

Certified efficiency data in accordance with ANSI/AHRI Standard 1230 2010, "Performance Rating of Variable Refrigerant Flow (VRF) Multi-Split Air Conditioning and Heat Pump Equipment" for the VRV Series. The VRV IV Series has been designed and optimized to meet or exceed the latest minimum efficiency requirements in 10 C.F.R. Part 431 as determined by the U.S. Department of Energy (DOE) and baseline efficiencies as defined by ASHRAE 90.1 2010. Systems under 65MBH are currently certified to AHRI 210/240. IEER ratings are as defined in ASHRAE 90.1 2010.

DETAILED OPERATION RANGES FOR VRV IV REYQ-T HEAT RECOVERY OUTDOOR UNITS

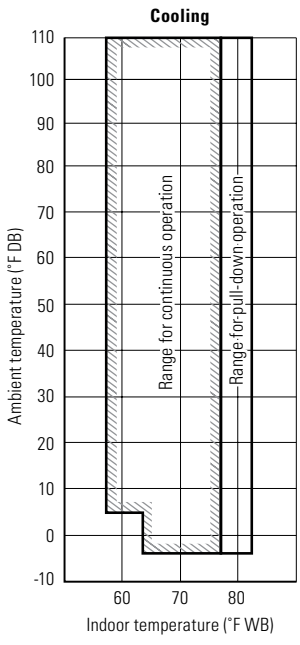


TECHNICAL COOLING FEATURE FOR VRV IV REYQ-T HEAT RECOVERY OUTDOOR UNITS

Technical Cooling - Cooling operation extended from 23°F ambient air temperature down to -4°F

The Technical Cooling feature is engaged by field settings on the outdoor unit and on branch selector boxes. It requires addition of wind covers to the unit and allows operation down to -4° FDB ambient temperature in cooling mode.

See the Engineering Data book for complete application rules and contact your local Daikin representative for wind cover specification requirements.



Air-Cooled Heat Recovery (continued)

TECHNICAL DATA FOR VRV IV REYQ-TTJU/TYDN HEAT RECOVERY OUTDOOR UNITS

			6 Ton	8 Ton	10 Ton	12 Ton	14 Ton	16 Ton	18 Ton	20 Ton
Model	208-230V/3Ph/60Hz		REYQ72TTJU	REYQ96TTJU	REYQ120TTJU	REYQ144TTJU	REYQ168TTJU	REYQ192TTJU	REYQ216TTJU	REYQ240TTJU
	460V/3Ph/60Hz		REYQ72TYDN	REYQ96TYDN	REYQ120TYDN	REYQ144TYDN	REYQ168TYDN	REYQ192TYDN	REYQ216TYDN	REYQ240TYDN
	Combination							1 x REYQ120T 1 x REYQ72T	1 x REYQ120T 1 x REYQ96T	1 x REYQ144T 1 x REYQ96T
Performance	Rated Cooling Capacity	BTU/h	67,000	90,000	111,000	134,000	156,000	180,000	200,000	222,000
	Rated Heating Capacity	BTU/h	75,000	100,000	126,000	150,000	176,000	200,000	226,000	250,000
	Sound Pressure	dB(A)	58	61		65		63	64	66
	IEER (Ducted / Non-Ducted)		20.8 / 26.2	21.0 / 29.3	20.7 / 25.4	20.7 / 24.2	19.5 / 22.0	20.4 / 22.9	20.2 / 22.9	19.2 / 21.9
	Airflow	CFM	5,544	5,827	6,286	8,228		5,544 + 6,286	5,827 + 6,286	5,827 + 8,228
	Fan ESP, Standard/Max	in. W.G.	0.12 / 0.32							
Compressor	Compressors, all inverter	Qty	1	2				3	4	
	Revolutions per minute	RPM	3600	3630, 3630	4470, 4470	4440, 4440	5190, 5190	4080, (4290, 4290)	(4170, 4170) x 2	(4050, 4050), (4110, 4110)
	Capacity Control Range	%	15-100	11-100	10-100			5-100		
Refrigerant Piping, Layout	Maximum Vertical Pipe Length Above Unit	ft.	164 (295 With Field Setting)							
	Maximum Vertical Pipe Length Below Unit	ft.	131 (195 With Field Setting)							
	Maximum Vertical Pipe Length Between IDU	ft.	100							
	Maximum Actual Pipe Length	ft.	541							
	Maximum Equivalent Pipe Length	ft.	620							
	Maximum Total Pipe Length	ft.	3,282							
Refrigerant Piping, Connections	Liquid Pipe, Main Line	in.	Φ3/8 (9.5) C1220T (Brazing Connection)		Φ1/2 (12.7) C1220T (Brazing Connection)		Φ5/8 (15.9) C1220T (Brazing Connection)			
	Suction Gas Pipe, Main Line	in.	Φ3/4 (19.1) C1220T (Brazing Connection)	Φ7/8 (22.2) C1220T (Brazing Connection)	Φ1-1/8 (28.6) C1220T (Brazing Connection)					Φ1-3/8 (34.9) C1220T (Brazing Connection)
	Discharge Gas Pipe, Main Line	in.	Φ5/8 (15.9) C1220T (Brazing Connection)	Φ3/4 (19.1) C1220T (Brazing Connection)		Φ7/8 (22.2) C1220T (Brazing Connection)		Φ1-1/8 (28.6) C1220T (Brazing Connection)		
Connection Ratio	Standard Connectable Indoor Unit Ratio	%	50 - 200							
	Maximum Number of Indoor Units	Qty	12	16	20	25	29	33	37	41
Electrical	Maximum Overcurrent Protection, MOP (REYQ-TT / REYQ-TY)	A	35/20	45/25	50/25	70/40		35 + 50 / 20 + 25	45 + 50 / 25 + 25	45 + 70 / 25 + 40
	Minimum Circuit Amps, MCA (REYQ-TT / REYQ-TY)	A	30.2 / 15.2	38 / 21.1	43 / 21.1	55 / 31.9	61.9 / 36.1	30.2 + 43 / 15.2 + 21.1	38 + 43 / 21.1 + 21.1	38 + 55 / 21.1 + 31.9
	Compressor Rated Load Amps, RLA (REYQ-TT / REYQ-TY)	A	20.7 / 9.4	13.7 + 13.7 / 6.2 + 6.2	15 + 15 / 6.8 + 6.8	16.2 + 22.6 / 7.3 + 10.3	17.4 + 24.4 / 7.9 + 11.1	20.7 + (15 + 15) / 9.4 + (6.8 + 6.8)	(13.7 + 13.7) + (15 + 15) / (6.2 + 6.2) + (6.8 + 6.8)	(13.7 + 13.7) + (16.2 + 22.6) / (6.2 + 6.2) + (7.3 + 10.3)
Unit	Factory Refrigerant Charge	lbs.	21.9	25.8				21.9 + 25.8	25.8 + 25.8	
	Weight (REYQ-TT / REYQ-TY)	lbs.	507 / 527	703 / 717	703 / 717	780 / 794		507 + 703 / 527 + 717	703 + 703 / 717 + 717	703 + 780 / 717 + 794
	Dimensions (H x W x D)	in.	66-11/16 x 36-11/16 x 30-3/16	66-11/16 x 48-7/8 x 30-3/16				(66-11/16 x 36-11/16 x 30-3/16) + (66-11/16 x 36-11/16 x 30-3/16)	(66-11/16 x 48-7/8 x 30-3/16) + (66-11/16 x 48-7/8 x 30-3/16)	

OPERATION RANGE FOR ALL VRV IV HEAT RECOVERY OUTDOOR UNITS

Cooling °F DB	23 – 122
Heating °F WB	-13 – 60

	22 Ton	24 Ton	26 Ton	28 Ton	30 Ton	32 Ton	34 Ton	36 Ton	38 Ton
	REYQ264TTJU	REYQ288TTJU	REYQ312TTJU	REYQ336TTJU	REYQ360TTJU	REYQ384TTJU	REYQ408TTJU	REYQ432TTJU	REYQ456TTJU
	REYQ264TYDN	REYQ288TYDN	REYQ312TYDN	REYQ336TYDN	REYQ360TYDN	REYQ384TYDN	REYQ408TYDN	REYQ432TYDN	REYQ456TYDN
	1 x REYQ144T 1 x REYQ120T	2 x REYQ144T	1 x REYQ168T 1 x REYQ144T	2 x REYQ168T	3 x REYQ120T	1 x REYQ168T 1 x REYQ120T 1 x REYQ96T	1 x REYQ168T 1 x REYQ144T 1 x REYQ96T	3 x REYQ144T	1 x REYQ168T 2 x REYQ144T
	246,000	268,000	290,000	312,000	334,000	356,000	380,000	400,000	415,000
	276,000	300,000	326,000	352,000	376,000	415,000	415,000	425,000	435,000
	66	68			66	68	69	70	
	18.1 / 21.6	18.2 / 21.4	17.8 / 20.2	17.0 / 19.0	17.9 / 19.6	16.6 / 18.3	16.5 / 17.2	16.5 / 16.2	15.9 / 16.2
	6,286 + 8,228	8,228 + 8,228	8,228 + 8,228		6,286 + 6,286 + 6,286	5,827 + 6,286 + 8,228	5,827 + 8,228 + 8,228	8,228 + 8,228 + 8,228	
	0.12/0.32								
	4				6				
	(4710, 4710), (4800, 4800)	(4740, 4740) x 2	(5190, 5190) x 2		(5010, 5010) x 3	(5070, 5070) x 2, (5160, 5160)	(5040, 5040), (5130, 5130) x 2	(5220, 5220) x 3	(5730, 5730) x 3
	5-100				3-100				
	164 (295 With Field Setting)								
	131 (195 With Field Setting)								
	100								
	541								
	620								
	3,282								
	Φ3/4 (19.1) C1220T (Brazing Connection)								
	Φ1-3/8 (34.9) C1220T (Brazing Connection)				Φ1-5/8 (41.3) C1220T (Brazing Connection)				
	Φ1-1/8 (28.6) C1220T (Brazing Connection)				Φ1-3/8 (34.9) C1220T (Brazing Connection)				
	50 - 200								
	45	49	54	58	64				
	50 + 70 / 25 + 40	70 + 70 / 40 + 40			50 + 50 + 50 / 25 + 25 + 25	45 + 50 + 70 / 25 + 25 + 40	45 + 70 + 70 / 25 + 40 + 40	70 + 70 + 70 / 40 + 40 + 40	70 + 70 + 70 / 40 + 40 + 40
	43 + 55 / 21.1 + 31.9	55 + 55 / 31.9 + 31.9	55 + 61.9 / 31.9 + 36.1	61.9 + 61.9 / 36.1 + 36.1	43 + 43 + 43 / 21.1 + 21.1 + 21.1	38 + 43 + 61.9 / 21.1 + 21.1 + 21.1	38 + 55 + 61.9 / 21.1 + 31.9 + 36.1	55 + 55 + 55 / 31.9 + 31.9 + 31.9	55 + 55 + 61.9 / 31.9 + 31.9 + 36.1
	(15 + 15) + (16.2 + 22.6) / (6.8 + 6.8) + (7.3 + 10.3)	(16.2 + 22.6 x 2 / (7.3 + 10.3) x 2	(16.2 + 22.6) + (17.4 + 24.4) / (7.3 + 10.3) + (7.9 + 11.1)	(17.4 + 24.4) x 2 / (7.9 + 11.1) x 2	(15 + 15) x 3 / (6.8 + 6.8) x 3	(13.7 + 13.7) + (16.2 + 22.6) + (17.4 + 24.4) / (6.2 + 6.2) + (6.8 + 6.8) + (7.9 + 11.1)	(13.7 + 13.7) + (16.2 + 22.6) + (17.4 + 24.4) / (6.2 + 6.2) + (7.3 + 10.3) + (7.9 + 11.1)	(16.2 + 22.6) x 3 / (7.3 + 10.3) x 3	(16.2 + 22.6) x 2 + (17.4 + 24.4) / (7.3 + 10.3) x 2 + (7.9 + 11.1)
	25.8 + 25.8				25.8 + 25.8 + 25.8				
	703 + 780 / 717 + 794	780 + 780 / 794 + 794			703 + 703 + 703 / 717 + 717 + 717	703 + 703 + 780 / 717 + 717 + 794	780 + 780 + 780 / 717 + 794 + 794	780 + 780 + 780 / 794 + 794 + 794	
	(66-11/16 x 48-7/8 x 30-3/16) + (66-11/16 x 48-7/8 x 30-3/16)				(66-11/16 x 48-7/8 x 30-3/16) + (66-11/16 x 48-7/8 x 30-3/16) + (66-11/16 x 48-7/8 x 30-3/16)				

For additional technical information please refer to specific Engineering Data Books.

VRV IV
Air-Cooled Heat Pump

Variable Refrigerant Temperature

Daikin's VRV IV systems integrate advanced technology to provide comfort control to help maximize energy efficiency and reliability. VRV IV provides a solution for multi-family residential to large commercial applications desiring heating or cooling. The VRV IV is the first variable refrigerant flow (VRF) system to be assembled in North America.

Features and Benefits

- Total comfort solution for heating, cooling, ventilation and controls
- Redesigned and optimized for total Life Cycle Cost (LCC)
- Reduced install cost and increased flexibility as compared to VRV III with larger capacity single modules up to 14 Tons and system capacity up to 34 Tons
- Efficiency improved over VRV III by an average of 11% with IEER Values now up to 28
- Improved seasonal efficiency as compared to VRV III with automatic and customizable Variable Refrigerant Temperature (VRT) climate tuning
- Outstanding warranty* with 10 year compressor and parts limited warranty as standard
- Reduced commissioning time vs. VRV III with VRV configurator software and Graphical User Interface (GUI)
- Design flexibility with long piping lengths up to 3,280 ft. total and 100 ft. vertical separation between indoor units
- Take advantage of Daikin's advanced zone and centralized controls that are optimized for the specific needs of North America

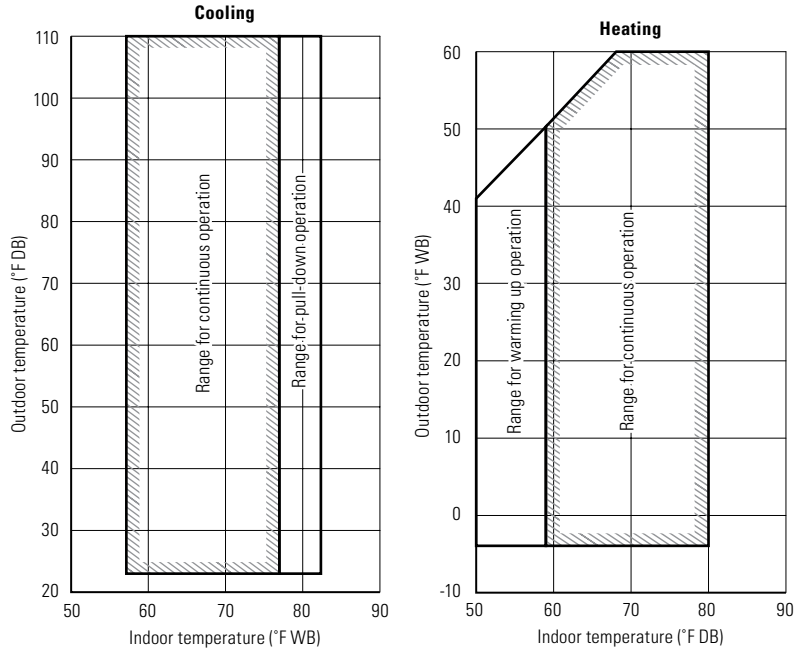
* Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

VRV IV CERTIFIED DATA - HEAT PUMP, 208-230V/60HZ/3PH AND 460V/60HZ/3PH

Product #	Capacity (Tons)	IEER Non-Ducted	IEER Ducted	IEER Mixed	COP @ 47°F Non-Ducted	COP @ 47°F Ducted	COP @ 47°F Mixed	COP @ 17°F Non-Ducted	COP @ 17°F Ducted	COP @ 17°F Mixed	EER Non-Ducted	EER Ducted	EER Mixed
RXYQ72T	6	26.50	22.80	24.65	4.21	3.58	3.90	2.49	2.25	2.37	15.00	13.50	14.25
RXYQ96T	8	28.00	22.70	25.35	4.59	3.99	4.29	2.86	2.61	2.74	15.10	13.00	14.05
RXYQ120T	10	23.50	21.40	22.45	3.79	3.46	3.63	2.61	2.58	2.60	13.20	12.10	12.65
RXYQ144T	12	24.10	21.00	22.55	4.10	3.72	3.91	2.33	2.20	2.27	12.30	11.50	11.90
RXYQ168T	14	22.10	19.80	20.95	3.74	3.49	3.62	2.27	2.27	2.31	10.60	10.60	10.60
RXYQ192T	16	22.20	20.70	21.45	3.80	3.60	3.70	2.62	2.40	2.34	11.90	12.30	12.10
RXYQ216T	18	20.50	20.00	20.25	3.83	3.65	3.74	2.62	2.48	2.55	11.60	11.70	11.65
RXYQ240T	20	20.80	18.40	19.60	3.63	3.55	3.59	2.62	2.43	2.53	11.50	11.60	11.55
RXYQ264T	22	20.30	19.30	19.80	3.33	3.35	3.34	2.43	2.30	2.37	10.90	10.50	10.70
RXYQ288T	24	20.10	19.30	19.70	3.25	3.31	3.28	2.07	2.13	2.10	10.50	10.50	10.50
RXYQ312T	26	19.90	18.80	19.35	3.30	3.26	3.28	2.32	2.20	2.26	9.80	9.80	9.80
RXYQ336T	28	19.50	19.00	19.00	3.22	3.20	3.21	2.38	2.27	2.33	9.50	9.50	9.50
RXYQ360T	30	19.40	18.50	18.95	3.46	3.25	3.36	2.47	2.41	2.44	10.30	10.90	10.60
RXYQ384T	32	20.40	18.50	19.45	3.30	3.26	3.28	2.28	2.28	2.28	9.50	10.00	9.75
RXYQ408T	34	20.90	19.00	19.95	3.24	3.24	3.24	2.18	2.10	2.14	9.50	9.50	9.50

Certified efficiency data in accordance with ANSI/AHRI Standard 1230 2010, "Performance Rating of Variable Refrigerant Flow (VRF) Multi-Split Air Conditioning and Heat Pump Equipment" for the VRV Series. The VRV IV Series has been designed and optimized to meet or exceed the latest minimum efficiency requirements in 10 C.F.R. Part 431 as determined by the U.S. Department of Energy (DOE) and baseline efficiencies as defined by ASHRAE 90.1 2010. Systems under 65MBH are currently certified to AHRI 210/240. IEER ratings are as defined in ASHRAE 90.1 2010.

DETAILED OPERATION RANGES FOR VRV IV RXYQ-T HEAT PUMP OUTDOOR UNITS



See the Engineering Data book for complete application rules.

Air-Cooled Heat Pump (continued)

TECHNICAL DATA FOR VRV IV RXYQ-TTJU/TYDN HEAT PUMP OUTDOOR UNITS

			6 Ton	8 Ton	10 Ton	12 Ton	14 Ton	16 Ton	18 Ton	20 Ton
Model	208-230V/3Ph/60Hz		RXYQ72TTJU	RXYQ96TTJU	RXYQ120TTJU	RXYQ144TTJU	RXYQ168TTJU	RXYQ192TTJU	RXYQ216TTJU	RXYQ240TTJU
	460V/3Ph/60Hz		RXYQ72TYDN	RXYQ96TYDN	RXYQ120TYDN	RXYQ144TYDN	RXYQ168TYDN	RXYQ192TYDN	RXYQ216TYDN	RXYQ240TYDN
	Combination							1 x RXYQ120T 1 x RXYQ72T	1 x RXYQ120T 1 x RXYQ96T	2 x RXYQ120T
Performance	Rated Cooling Capacity	BTU/h	69,000	92,000	114,000	138,000	160,000	184,000	206,000	228,000
	Rated Heating Capacity	BTU/h	77,000	103,000	129,000	154,000	180,000	206,000	231,000	257,000
	Sound Pressure	dB(A)	58	61		64	65	63	64	
	IEER (Ducted / Non-Ducted)		22.8 / 26.5	22.7 / 28	21.4 / 23.5	21 / 24.1	19.8 / 22.1	20.7 / 22.2	20 / 20.5	18.4 / 20.8
	Airflow	CFM	5,544	5,827	6286	8,228		5544 + 6286	5827 + 6286	6286 + 6286
	Fan ESP, Standard/Max	in. W.G.	0.12 / 0.32							
Compressor	Compressors, all inverter	Qty	1			2				
	Revolutions per minute	RPM	7668	7650	7746	7008 + 7608	7680 + 8280	7668, 7746	7650, 7746	7746, 7746
	Capacity Control Range	%	20-100	16-100	15-100	11-100	10-100	17-100	15-100	
Refrigerant Piping, Layout	Maximum Vertical Pipe Length Above Unit	ft.	164 (295 With Field Setting)							
	Maximum Vertical Pipe Length Below Unit	ft.	131 (295 With Field Setting)							
	Maximum Vertical Pipe Length Between IDU	ft.	100							
	Maximum Actual Pipe Length	ft.	541							
	Maximum Equivalent Pipe Length	ft.	620							
	Maximum Total Pipe Length	ft.	3,282							
Refrigerant Piping, Connections	Liquid Pipe, Main Line	in.	Φ3/8 (9.5) C1220T (Brazing Connection)		Φ1/2 (12.7) C1220T (Brazing Connection)		Φ5/8 (15.9) C1220T (Brazing Connection)			
	Suction Gas Pipe, Main Line	in.	Φ3/4 (19.1) C1220T (Brazing Connection)	Φ7/8 (22.2) C1220T (Brazing Connection)	Φ1-1/8 (28.6) C1220T (Brazing Connection)					Φ1-3/8 (34.9) C1220T (Brazing Connection)
Connection Ratio	Standard Connectable Indoor Unit Ratio	%	50 - 200							
	Maximum Number of Indoor Units	Qty	12	16	20	25	29	33	37	41
Electrical	Maximum Overcurrent Protection, MOP (RXYQ-TT / RXYQ-TY)	A	35 / 20	45 / 25		60 / 35	60 / 35	35 + 45 / 20 + 25	45 + 45 / 25+25	45 + 45 / 25 + 25
	Minimum Circuit Amps, MCA (RXYQ-TT / RXYQ-TY)	A	27.6 / 12.3	36.3 / 20.6	36.3 / 20.6	55.1 / 25.9	55.1 / 25.9	27.6 + 36.3 / 12.3 + 20.6	36.3 + 36.3 / 20.6 + 20.6	36.3 + 36.3 / 20.6 + 20.6
	Compressor Rated Load Amps, RLA (RXYQ-TT / RXYQ-TY)	A	15.7 / 7.1	23.8 / 10.2	26.2 / 11.7	16.7 + 16.7 / 7.6 + 7.6	18.8 + 18.8 / 8.5 + 8.5	15.7 + 26.2 / 7.1 + 11.7	23.8 + 26.2 / 10.2 + 11.7	26.2 + 26.2 / 11.7 + 11.7
Unit	Factory Refrigerant Charge	lbs.	13	22.7	22.9	18.1	17.2	13.0 + 22.9	22.7 + 22.9	22.9 + 22.9
	Weight (RXYQ-TT / RXYQ-TY)	lbs.	435 / 451	525 / 553	528 / 556	695 / 709		435 + 528 / 451 + 556	525 + 528 / 553 + 556	528 + 528 / 566 + 556
	Dimensions (H x W x D)	in.	66-11/16 × 36-11/16 × 30-3/16	66-11/16 × 48-7/8 × 30-3/16				66-11/16 × 36-11/16 × 30-3/16 + 66-11/16 × 48-7/8 × 30-3/16	66-11/16 × 48-7/8 × 30-3/16 + 66-11/16 × 48-7/8 × 30-3/16	

OPERATION RANGE FOR ALL VRV IV HEAT PUMP OUTDOOR UNITS

Cooling °F DB	23 – 122
Heating °F WB	-4 – 60

	22 Ton	24 Ton	26 Ton	28 Ton	30 Ton	32 Ton	34 Ton
	RXYQ264TTJU	RXYQ288TTJU	RXYQ312TTJU	RXYQ336TTJU	RXYQ360TTJU	RXYQ384TTJU	RXYQ408TTJU
	RXYQ264TYDN	RXYQ288TYDN	RXYQ312TYDN	RXYQ336TYDN	RXYQ360TYDN	RXYQ384TYDN	RXYQ408TYDN
	1 x RXYQ144T 1 x RXYQ120T	2 x RXYQ144T	1 x RXYQ168T 1 x RXYQ144T	2 x RXYQ168T	3 x RXYQ120T	1 x RXYQ168T 1 x RXYQ120T 1 x RXYQ96T	1 x RXYQ168T 1 x RXYQ144T 1 x RXYQ96T
	251,000	274,000	297,000	320,000	342,000	365,000	380,000
	283,000	308,000	334,000	360,000	385,000	411,000	436,000
	66	67	68		66	68	
	19.3 / 20.3	19.3 / 20.1	18.8 / 19.9	18.5 / 19.5	18.5 / 19.4	18.5 / 20.4	19.0 / 20.9
	6286 + 8228	8228 + 8228			6286 + 6286 + 6286	5827 + 6286 + 8228	5827 + 8228 + 8228
	0.12 / 0.32						
	3	4			3	4	5
	7746, (7008, 7608)	(7008, 7608), (7008, 7608)	(7008, 7608), (7680, 8280)	(7680, 8280), (7680, 8280)	7746, 7746, 7746	7650, 7746, (7680, 8280)	7650, (7008, 7608), (7680, 8280)
	13-100	11-100	10-100		15-100	13-100	12-100
	164 (295 With Field Setting)						
	131 (295 With Field Setting)						
	100						
	541						
	620						
	3,282						
	Φ3/4 (19.1) C1220T (Brazing Connection)						
	Φ1-3/8 (34.9) C1220T (Brazing Connection)				Φ1-5/8 (41.3) C1220T (Brazing Connection)		
	50 - 200						
	45	49	54	58	62	64	
	45 + 60 / 25 + 35	60 + 60 / 35 + 35			45 + 45 + 45 / 25 + 25 + 25	45 + 45 + 60 / 25 + 25 + 35	45 + 60 + 60 / 25 + 35 + 35
	36.3 + 55.1 / 20.6 + 25.9	55.1 + 55.1 / 25.9 + 25.9			36.3 + 36.3 + 36.3 / 20.6 + 20.6 + 20.6	36.3 + 36.3 + 55.1 / 20.6 + 20.6 + 25.9	36.3 + 55.1 + 55.1 / 20.6 + 25.9 + 25.9
	26.2 + (16.7 + 16.7) / 11.7 + (7.6 + 7.6)	(16.7 + 16.7) x 2 / (7.6 + 7.6) x 2	(16.7 + 16.7) + (18.8 + 18.8) / (7.6 + 7.6) + (8.5 + 8.5)	(18.8 + 18.8) x 2 / (8.5 + 8.5) x 2	26.2 + 26.2 + 26.2 / 11.7 + 11.7 + 11.7	23.8 + 26.2 + (18.8 + 18.8) / 10.2 + 11.7 + (8.5 + 8.5)	23.8 + (16.7 + 16.37) + (18.8 + 18.8) / 10.2 + (7.6 + 7.6) + (8.5 + 8.5)
	22.9 + 18.1	18.1 + 18.1	18.1 + 17.2	17.2 + 17.2	22.9 + 22.9 + 22.9	22.7 + 22.9 + 17.2	22.7 + 18.1 + 17.2
	528 + 695 / 556 + 709	695 + 695 / 709 + 709			528 + 528 + 528 / 556 + 556 + 556	525 + 528 + 695 / 553 + 556 + 709	525 + 695 + 695 / 553 + 709 + 709
	(66-11/16 x 48-7/8 x 30-3/16) + (66-11/16 x 48-7/8 x 30-3/16)				(66-11/16 x 48-7/8 x 30-3/16) + (66-11/16 x 48-7/8 x 30-3/16) + (66-11/16 x 48-7/8 x 30-3/16)		

For additional technical information please refer to specific Engineering Data Books.

VRV-III PC

Air-Cooled Heat Recovery

Variable Refrigerant Temperature

Daikin's VRV III systems integrate advanced technology to provide comfort control to help maximize energy efficiency. Available in heat recovery configurations, VRV III provides a solution for residential to large commercial applications desiring heating, cooling, or simultaneous operation.

VRV III

Features and Benefits

- Advanced continuous heating during defrost cycle and oil return for single module systems
- Variable Refrigerant Temperature (VRT) control
- Extended operating range with heating function -4°F ambient air temperature

VRV III PC CERTIFIED DATA - HEAT RECOVERY, 208-230V/60HZ/3PH AND 460V/3PH/60HZ

Product #	Capacity (Tons)	IEER Non-Ducted	IEER Ducted	IEER Mixed	COP @ 47°F Non-Ducted	COP @ 47°F Ducted	COP @ 47°F Mixed	COP @ 17°F Non-Ducted	COP @ 17°F Ducted	COP @ 17°F Mixed	EER Non-Ducted	EER Ducted	EER Mixed
REYQ72PC	6	25.1	18.7	21.9	4.2	3.6	3.9	2.95	2.4	2.7	15.4	12.3	13.9
REYQ96PC	8	22.9	17.6	20.3	3.7	3.4	3.6	2.7	2.4	2.6	13.2	11.0	12.1
REYQ120PC	10	21.3	15.3	18.3	3.6	3.2	3.4	2.6	2.95	2.4	12.1	10.9	11.5
REYQ144PCTJ	12	18.9	15.3	17.1	3.6	3.2	3.4	2.95	2.95	2.3	11.2	10.0	10.6

Certified efficiency data in accordance with ANSI/AHRI Standard 1230 2010, "Performance Rating of Variable Refrigerant Flow (VRF) Multi-Split Air Conditioning and Heat Pump Equipment" for the VRV Series. The VRV III Series has been designed and optimized to meet or exceed the latest minimum efficiency requirements in 10 C.F.R. Part 431 as determined by the U.S. Department of Energy (DOE) and baseline efficiencies as defined by ASHRAE 90.1 2010. Systems under 65MBH are currently certified to AHRI 210/240. IEER ratings are as defined in ASHRAE 90.1 2010.

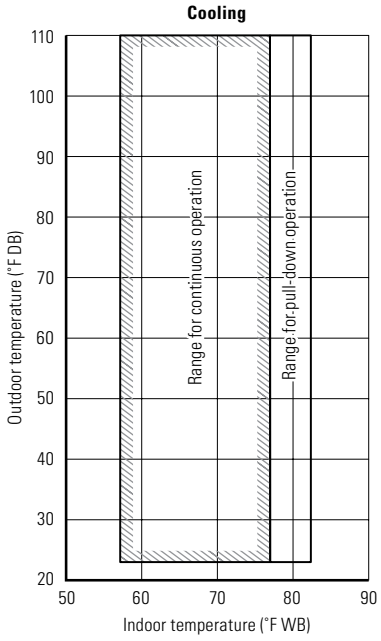
TECHNICAL DATA FOR VRV III PC REYQ-PC HEAT RECOVERY OUTDOOR UNITS

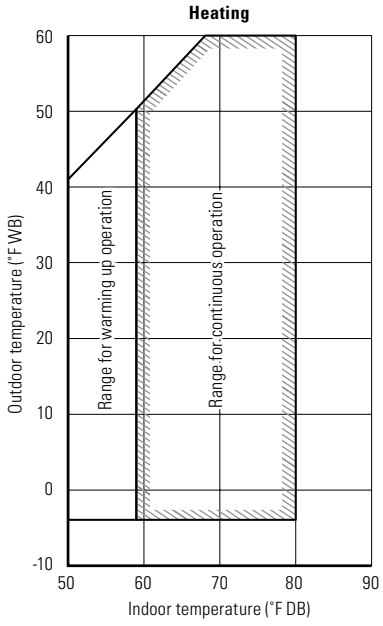
			6 Ton	8 Ton	10 Ton	12 Ton
Model	208-230V/3Ph/60Hz		REYQ72PCTJ	REYQ96PCTJ	REYQ120PCTJ	REYQ144PCTJ
	460V/3Ph/60Hz		REYQ72PCYD	REYQ96PCYD	REYQ120PCYD	–
Performance	Rated Cooling Capacity	BTU/h	69,000	90,000	114,000	138,000
	Rated Heating Capacity	BTU/h	77,000	103,000	129,000	154,000
	Sound Pressure (REYQ-PCT / REYQ-PCY)	dB(A)	58 / 58	58 / 61	60 / 61	62 / –
	IEER (Ducted / Non-Ducted)		18.7 / 25.1	17.6 / 22.9	15.3 / 21.3	15.3 / 18.9
	Airflow	CFM	6,700		7,410	8,300
	Fan ESP, Standard/Max	in. W.G.	0.12 / 0.32			
Compressor	Compressors, standard / inverter	Qty	2			
	Revolutions per minute	RPM	3720, 2900	6300, 2900	6300, 2900	7980, 7880
	Capacity Control Range	%	20–100	14–100		10–100
Refrigerant Piping, Layout	Maximum Vertical Pipe Length Above Unit	ft.	131 (295 With Field Setting)			
	Maximum Vertical Pipe Length Below Unit	ft.	164 (295 With Field Setting)			
	Maximum Vertical Pipe Length Between IDU	ft.	49			
	Maximum Actual Pipe Length	ft.	541			
	Maximum Equivalent Pipe Length	ft.	620			
	Maximum Total Pipe Length	ft.	3,282			
Refrigerant Piping, Connections	Liquid Pipe, Main Line	in.	Φ3/8 (9.5) C1220T (Brazing Connection)		Φ1/2 (12.7) C1220T (Brazing Connection)	
	Suction Gas Pipe, Main Line	in.	Φ3/4 (19.1) C1220T (Brazing Connection)	Φ7/8 (22.2) C1220T (Brazing Connection)	Φ1-1/8 (28.6) C1220T (Brazing Connection)	
	Discharge Gas Pipe, Main Line	in.	Φ5/8 (15.9) C1220T (Brazing Connection)	Φ3/4 (19.1) C1220T (Brazing Connection)		Φ7/8 (22.2) C1220T (Brazing Connection)
Connection Ratio	Standard Connectable Indoor Unit Ratio	%	36–93	48–124	60–156	72–187
	Maximum Number of Indoor Units	Qty	12	16	20	25
Electrical	Maximum Overcurrent Protection, MOP (REYQ-PCT / REYQ-PCY)	A	40 / 20	45 / 25	50 / 25	80 / –
	Minimum Circuit Amps, MCA (REYQ-PCT / REYQ-PCY)	A	36.1 / 16.0	43.8 / 20.4	44.2 / 20.5	72.2 / –
	Compressor Rated Load Amps, RLA (REYQ-PCT / REYQ-PCY)	A	4.8 + 14.0 / 2.4 + 7.0	8.4 + 14.0 / 4.2 + 7.0	12.0 + 13.6 / 6.0 + 6.8	14.3 + 14.3 / –
Unit	Factory Refrigerant Charge	lbs.	22.7	23.4	23.8	24.5
	Weight (REYQ-PCT / REYQ-PCY)	lbs.	730 / 732			747
	Dimensions (H x W x D)	in.	66-1/8 x 51-3/16 x 30-1/8			

OPERATION RANGE FOR ALL VRV III PC HEAT RECOVERY OUTDOOR UNITS

Cooling °F DB	23 – 122
Heating °F WB	-4 – 60

DETAILED OPERATION RANGES FOR VRV III PC (REYQ-PC) HEAT RECOVERY OUTDOOR UNITS





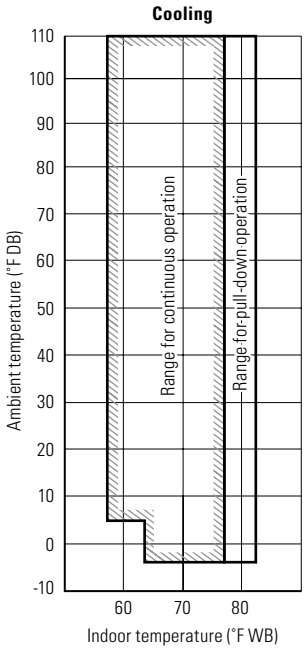
See the Engineering Data book for complete application rules.

TECHNICAL COOLING FEATURE FOR VRV III PC (REYQ-PC) HEAT RECOVERY OUTDOOR UNITS

Technical Cooling - Cooling operation extended from 23°F ambient air temperature down to -4°F

The Technical Cooling feature is engaged by field settings on the outdoor unit and on branch selector boxes. It requires addition of wind covers to the unit and allows operation down to -4° FDB ambient temperature in cooling mode.

See the Engineering Data book for complete application rules and contact your local Daikin representative for wind cover specification requirements.



For additional technical information please refer to specific Engineering Data Books.

NEW **VRV IV W-Series**

Heat Pump or Heat Recovery

Variable Refrigerant Temperature

VRV IV W-Series systems are equivalent to 4-pipe chilled water systems, but also offer a viable alternative to Water Source Heat Pump solutions. Each connected indoor unit can provide heating and cooling independently to suit zone requirements making these systems suitable for both open plan, or cellular applications with different operation requirements.

Features and Benefits

- **Reliability, comfort and efficiency working together hand-in-hand** - All VRV IV W-Series incorporate Daikin's advanced "variable speed" scroll compressor at the heart of the system. This provides the exact capacity where and when it is needed, along with outstanding reliability and high part-load operational efficiency.
- **Compact and lightweight**
  - Compact lightweight casing
  - Height: 39-3/8",
  - Weight: 330 lbs.
  - Install in a mechanical room, double-decker style if needed.
- **Increased efficiency with Variable Refrigerant Temperature (VRT) Control**
- **Wide water temperature opera on range** - Can be applied to both geothermal and boiler/tower applications as standard with condenser water inlet temperature as low as 14°F in heating and 27°F in cooling is possible.

VRV IV
W Series Water Cooled System

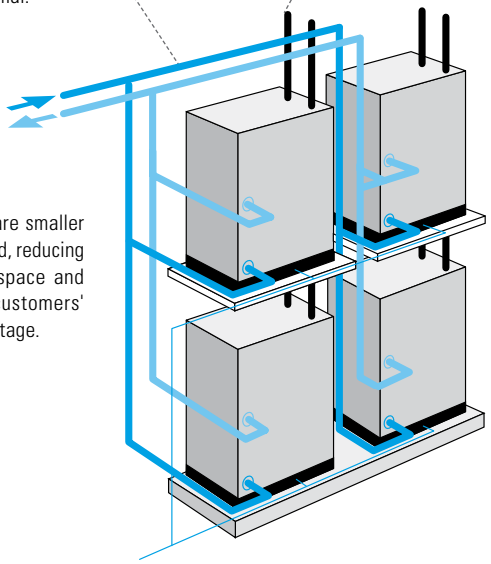
Water side

Connects to cooling tower and/or boiler combination or set up as geothermal.

Refrigerant side

Connects to Daikin's line-up of VRV indoor units

The condensers are smaller and can be stacked, reducing the installation space and increasing the customers' usable square footage.



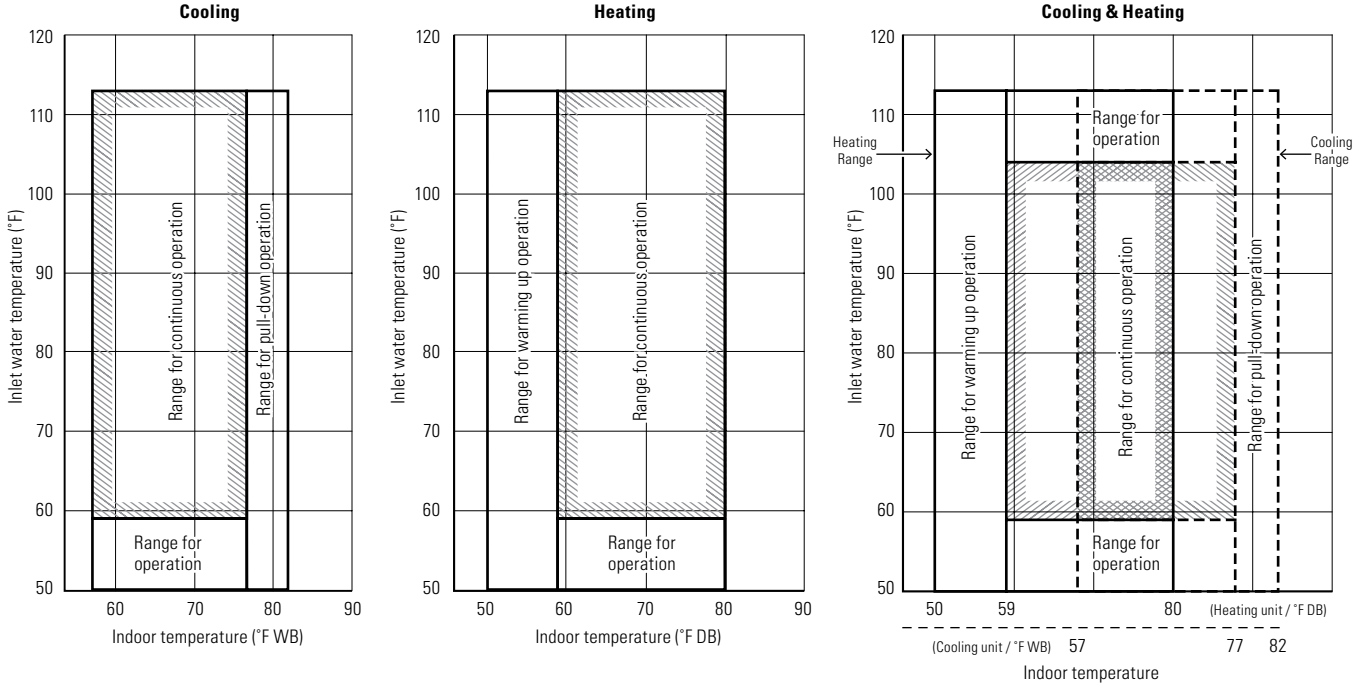
The VRV IV W-Series design is based on a modular design concept. It is composed of unified condensing units that require simply connecting a two-pipe refrigerant network for heat pump applications or a three-pipe refrigerant network for heat recovery applications. All water-cooled condensers are of the same dimensions, and are available in 6 tons and 7 tons. This is a simple system that allows manifolding together up to three condensers to form one system of up to 21 tons (252 MBH). The condensers are designed for internal mounting only.

VRV-IV W-SERIES CERTIFIED DATA

System Type	Function	System Name	Tonnage	Condensing Unit Models			Part Load						Full Load					
				Unit 1	Unit 2	Unit 3	IEER Non-Ducted	IEER Ducted	IEER Mixed	SCHE Non-Ducted	SCHE Ducted	SCHE Mixed	IEER Non-Ducted	IEER Ducted	IEER Mixed	COP @ 68°F Non-Ducted	COP @ 68°F Ducted	COP @ 68°F Mixed
VRV IV W-Series 460V	Heat Pump	RWEYQ72PCYD	6 Tons	RWEYQ72PCYD			24.1	22.3	23.2				14.0	14.0	14.0	4.89	4.78	4.89
		RWEYQ84PCYD	7 Tons	RWEYQ84PCYD			22.5	21.3	21.9				13.4	13.2	13.3	4.70	4.50	4.60
		RWEYQ144PCYD	12 Tons	RWEYQ72PCYD	RWEYQ72PCYD		23.7	22.3	23.0				14.6	14.4	14.5	4.97	4.97	4.97
		RWEYQ168PCYD	14 Tons	RWEYQ84PCYD	RWEYQ84PCYD		23.1	21.3	22.2				12.7	12.7	12.7	4.38	4.38	4.38
		RWEYQ216PCYD	18 Tons	RWEYQ72PCYD	RWEYQ72PCYD	RWEYQ72PCYD	22.7	22.2	22.5				14.5	14.5	14.5	4.80	4.91	4.86
		RWEYQ252PCYD	21 Tons	RWEYQ84PCYD	RWEYQ84PCYD	RWEYQ84PCYD	21.5	20.0	20.8				12.8	12.8	12.8	4.48	4.48	4.48
	Heat Recovery	RWEYQ72PCYD	6 Tons	RWEYQ72PCYD			24.1	22.3	23.2	17.8	19.2	18.5	14.0	14.0	14.0	4.89	4.78	4.89
		RWEYQ84PCYD	7 Tons	RWEYQ84PCYD			22.5	21.3	21.9	17.0	17.7	17.3	13.4	13.2	13.3	4.70	4.50	4.60
		RWEYQ144PCYD	12 Tons	RWEYQ72PCYD	RWEYQ72PCYD		23.7	22.3	23.0	17.7	19.3	18.5	14.6	14.4	14.5	4.97	4.97	4.97
		RWEYQ168PCYD	14 Tons	RWEYQ84PCYD	RWEYQ84PCYD		23.1	21.3	22.2	17.0	17.8	17.4	12.7	12.7	12.7	4.38	4.38	4.38
		RWEYQ216PCYD	18 Tons	RWEYQ72PCYD	RWEYQ72PCYD	RWEYQ72PCYD	22.2	20.9	21.5	17.8	17.4	17.6	13.3	13.4	13.3	4.80	4.91	4.86
		RWEYQ252PCYD	21 Tons	RWEYQ84PCYD	RWEYQ84PCYD	RWEYQ84PCYD	21.0	19.3	20.1	15.6	15.8	15.7	12.8	12.4	12.6	4.48	4.48	4.48
VRV IV W-Series 208/230V	Heat Pump	RWEYQ72PCTJ	6 Tons	RWEYQ72PCTJ			24.1	22.3	23.2				14.0	14.0	14.0	4.89	4.78	4.89
		RWEYQ84PCTJ	7 Tons	RWEYQ84PCTJ			22.5	21.3	21.9				13.4	13.2	13.3	4.70	4.50	4.60
		RWEYQ144PCTJ	12 Tons	RWEYQ72PCTJ	RWEYQ72PCTJ		23.7	22.3	23.0				14.6	14.4	14.5	4.97	4.97	4.97
		RWEYQ168PCTJ	14 Tons	RWEYQ84PCTJ	RWEYQ84PCTJ		23.1	21.3	22.2				12.7	12.7	12.7	4.38	4.38	4.38
		RWEYQ216PCTJ	18 Tons	RWEYQ72PCTJ	RWEYQ72PCTJ	RWEYQ72PCTJ	22.2	20.9	21.5				13.3	13.4	13.3	4.80	4.91	4.86
		RWEYQ252PCTJ	21 Tons	RWEYQ84PCTJ	RWEYQ84PCTJ	RWEYQ84PCTJ	21.0	19.3	20.1				12.8	12.4	12.6	4.48	4.48	4.48
	Heat Recovery	RWEYQ72PCTJ	6 Tons	RWEYQ72PCTJ			24.1	22.3	23.2	17.8	19.2	18.5	14.0	14.0	14.0	4.89	4.78	4.89
		RWEYQ84PCTJ	7 Tons	RWEYQ84PCTJ			22.5	21.3	21.9	17.0	17.7	17.3	13.4	13.2	13.3	4.70	4.50	4.60
		RWEYQ144PCTJ	12 Tons	RWEYQ72PCTJ	RWEYQ72PCTJ		23.7	22.3	23.0	17.7	19.3	18.5	14.6	14.4	14.5	4.97	4.97	4.97
		RWEYQ168PCTJ	14 Tons	RWEYQ84PCTJ	RWEYQ84PCTJ		23.1	21.3	22.2	17.0	17.8	17.4	12.7	12.7	12.7	4.38	4.38	4.38
		RWEYQ216PCTJ	18 Tons	RWEYQ72PCTJ	RWEYQ72PCTJ	RWEYQ72PCTJ	22.2	20.9	21.5	17.8	17.4	17.6	13.3	13.4	13.3	4.80	4.91	4.86
		RWEYQ252PCTJ	21 Tons	RWEYQ84PCTJ	RWEYQ84PCTJ	RWEYQ84PCTJ	21.0	19.3	20.1	15.6	15.8	15.7	12.8	12.4	12.6	4.48	4.48	4.48

Certified efficiency data in accordance with ANSI/AHRI Standard 1230 2010, "Performance Rating of Variable Refrigerant Flow (VRF) Multi-Split Air Conditioning and Heat Pump Equipment" for the VRV IV W-Series. The VRV IV W-Series has been designed and optimized to meet or exceed the latest minimum efficiency requirements in 10 C.F.R. Part 431 as determined by the U.S. Department of Energy (DOE) and baseline efficiencies as defined by ASHRAE 90.1 2010. Systems under 65MBH are currently certified to AHRI 210/240. IEER ratings are as defined in ASHRAE 90.1 2010.

DETAILED STANDARD OPERATION RANGES FOR VRV IV W-SERIES CONDENSING UNITS



See the Engineering Data book for complete application rules

VRV PRODUCTS

NEW **VRV IV W-Series**

Module System 208-230V

A modular, energy-saving and reliable alternative to centralized equipment.

Features and Benefits

- Compact lightweight casing at 39-3/8" in height and 330 lbs. in weight
- Small condensers can be stacked for reduced installation space and increased usable square footage
- Larger single-system capacity and modular concept ensures wider application range for accommodating floor-by-floor loads of commercial buildings
- Can be applied to both geothermal and boiler/tower applications as standard with condenser water inlet temperature as low as 14°F in heating and 27°F in cooling is possible

VRV IV W-SERIES UNIFIED HEAT PUMP AND HEAT RECOVERY

			6 TON		7 TON		12 TON		14 TON	
Model	Name		RWEYQ72PCTJ		RWEYQ84PCTJ		RWEYQ144PCTJ		RWEYQ168PCTJ	
	Combination						2 x RWEYQ72PCTJ		2 x RWEYQ84PCTJ	
Performance	Rated Cooling Capacity [1]	BTU/h	64,000		80,000		138,000		160,000	
	Rated Heating Capacity [2]	BTU/h	77,000		90,000		154,000		180,000	
	Power	V/ph/Hz	208-230/3/60							
	Sound Pressure Level @ 3 ft.	dB(A)	50		51		53		54	
Refrigerant Piping	System Configuration: Heat Pump: HP, Heat Recovery: HR		HP	HR	HP	HR	HP	HR	HP	HR
	Liquid Pipe (Main Line)	in.	3/8				1/2		5/8	
	Suction Gas Pipe (Main Line)	in.	3/4		7/8		1-1/8			
	Discharge Gas Pipe (Main Line)	in.	N/A	5/8	N/A	3/4	N/A	7/8	N/A	7/8
	Vertical Pipe Length (if unit is below FCU)	ft.	164 (130)							
	Actual Pipe Length (Equivalent Length)	ft.	390 (459)							
	Total Pipe Length	ft.	980							
Connection Ratio	Standard Connectable Indoor Unit Ratio	%	50 - 130							
	Maximum Number of Indoor Units	Qty.	12		14		24		29	
Water Side (Standard)	BPHE Inlet Pipe (Female Thread)	in.	1-1/4 FPT				2 x (1-1/4 FPT)			
	BPHE Outlet Pipe (Female Thread)	in.	1-1/4 FPT				2 x (1-1/4 FPT)			
	Drain Pipe (Female Thread)	in.	1/2 FPS				2 x (1/2 FPS)			
	Maximum System Water Pressure (BPHE)	psi	285							
	Standard Inlet Water Temperature Range	°F	50 - 113							
	Recommended Inlet Water Flow Rate per Module (minimum) [3]	gpm	16.4 ~ 39.5 (13.2)							
Water Side (Geothermal)	Inlet Water Temperature Range Cooling [4]	°F	27 (34 [5]) - 113							
	Inlet Water Temperature Range Heating	°F	14 - 113							
	Water Flow Rate	gpm	21 - 40							
Unit	Weight	lbs.	330				2 x 330			
	Dimensions (H x W x D)	in.	39-3/8 x 30-3/4 x 21-11/16							
Electrical	Voltage Range (min - max)	V/ph/Hz	187 - 253							
	Maximum Overcurrent Protection (MOP)	A	30				30 + 30			
	Minimum Circuit Amps (MCA)	A	22.4				22.4 + 22.4			
	Compressor Rated Load Amps (RLA)	A	11.6		15.4		11.6+11.6		15.4 + 15.4	
Compressor	Compressor Type		Daikin G-Type Scroll							
	Compressor Set-Up		1 INV				1 INV + 1 INV			
	Compressor Capacity Control	%	23 - 100				11 - 100			

[1] Indoor temp.: 80°FDB, 67°FWB/inlet water temp.: 85°F/ Equivalent piping length : 25 ft., level difference : 0 ft.

[2] Indoor temp.: 70°FDB, 60°FWB/inlet water temp.: 70°F/ Equivalent piping length: 25 ft., level difference : 0 ft.

[3] Please note that a water strainer is required for each condensing unit model and now must be field supplied (strainer specification = 50 mesh).

[4] Application rules apply below 48°F. Please contact your local Daikin office for design assistance and approval.

[5] The minimum cooling EWT is 34°F when the condensing unit is located below the indoor units.

RWEYQ-PCTJ

			18 TON		21 TON	
Model	Name		RWEYQ216PCTJ		RWEYQ252PCTJ	
	Combination		3 x RWEYQ72PCTJ		3 x RWEYQ84PCTJ	
Performance	Rated Cooling Capacity [1]	BTU/h	206,000		240,000	
	Rated Heating Capacity [2]	BTU/h	232,000		270,500	
	Power	V/ph/Hz	208-230/3/60			
	Sound Pressure Level @ 3 ft.	dB(A)	56		57	
Refrigerant Piping	System Configuration: Heat Pump: HP, Heat Recovery: HR		HP	HR	HP	HR
	Liquid Pipe (Main Line)	in.	5/8		3/4	
	Suction Gas Pipe (Main Line)	in.	1-3/8			
	Discharge Gas Pipe (Main Line)	in.	N/A	1-1/8	N/A	1-1/8
	Vertical Pipe Length (if unit is below FCU)	ft.	164 (130)			
	Actual Pipe Length (Equivalent Length)	ft.	390 (459)			
	Total Pipe Length	ft.	980			
Connection Ratio	Standard Connectable Indoor Unit Ratio	%	50 - 130			
	Maximum Number of Indoor Units	Qty.	36			
Water Side (Standard)	BPHE Inlet Pipe (Female Thread)	in.	3 x (1-1/4 FPT)			
	BPHE Outlet Pipe (Female Thread)	in.	3 x (1-1/4 FPT)			
	Drain Pipe (Female Thread)	in.	3 x (1/2 FPS)			
	Maximum System Water Pressure (BPHE)	psi	285			
	Standard Inlet Water Temperature Range	°F	50 - 113			
	Recommended Inlet Water Flow Rate per Module (minimum) [3]	gpm	16.4 ~ 39.5 (13.2)			
Water Side (Geothermal)	Inlet Water Temperature Range Cooling [4]	°F	27 (34 [5]) - 113			
	Inlet Water Temperature Range Heating	°F	14 - 113			
	Water Flow Rate	gpm	21 - 40			
Unit	Weight	lbs.	3 x 330			
	Dimensions (H x W x D)	in.	39-3/8 x (30-3/4 x 3) x 21-11/16			
Electrical	Voltage Range (min - max)	V/ph/Hz	187 - 253			
	Maximum Overcurrent Protection (MOP)	A	30 + 30 + 30			
	Minimum Circuit Amps (MCA)	A	22.4 + 22.4 + 22.4			
	Compressor Rated Load Amps (RLA)	A	11.6 + 11.6 + 11.6		15.4 + 15.4 + 15.4	
Compressor	Compressor Type		Daikin G-Type Scroll			
	Compressor Set-Up		1 INV + 1 INV + 1 INV			
	Compressor Capacity Control	%	8 - 100			

NEW **VRV IV W-Series**

Module System 460V

A modular, energy-saving and reliable alternative to centralized equipment.

Features and Benefits

- Compact lightweight casing at 39-3/8" in height and 343 lbs. in weight
- Small condensers can be stacked for reduced installation space and increased usable square footage
- Larger single-system capacity and modular concept ensures wider application range for accommodating floor-by-floor loads of commercial buildings
- Standard VRV IV W-Series systems can operate with condenser water temperatures down to 50°F but this can be extended to 14°F in heatings

VRV IV W-SERIES UNIFIED HEAT PUMP AND HEAT RECOVERY

			6 TON		7 TON		12 TON		14 TON	
Model	Name		RWEYQ72PCYD		RWEYQ84PCYD		RWEYQ144PCYD		RWEYQ168PCYD	
	Combination						2 x RWEYQ72PCYD		2 x RWEYQ84PCYD	
Performance	Rated Cooling Capacity [1]	BTU/h	69,000		80,000		138,000		160,000	
	Rated Heating Capacity [2]	BTU/h	77,000		90,000		154,000		180,000	
	Power	V/ph/Hz	460/3/60							
	Sound Pressure Level @ 3 ft.	dB(A)	50		51		53		54	
Refrigerant Piping	System Configuration: Heat Pump: HP, Heat Recovery: HR		HP	HR	HP	HR	HP	HR	HP	HR
	Liquid Pipe (Main Line)	in.	3/8				1/2		5/8	
	Suction Gas Pipe (Main Line)	in.	3/4		7/8		1-1/8			
	Discharge Gas Pipe (Main Line)	in.	N/A	5/8	N/A	3/4	N/A	7/8	N/A	7/8
	Vertical Pipe Length (if unit is below FCU)	ft.	164 (130)							
	Actual Pipe Length (Equivalent Length)	ft.	390 (459)							
	Total Pipe Length	ft.	980							
Connection Ratio	Standard Connectable Indoor Unit Ratio	%	50 - 130							
	Maximum Number of Indoor Units	Qty.	12		14		24		29	
Water Side (Standard)	BPHE Inlet Pipe (Female Thread)	in.	1-1/4 FPT				2 x (1-1/4 FPT)			
	BPHE Outlet Pipe (Female Thread)	in.	1-1/4 FPT				2 x (1-1/4 FPT)			
	Drain Pipe (Female Thread)	in.	1/2 FPS				2 x (1/2 FPS)			
	Maximum System Water Pressure (BPHE)	psi	285							
	Standard Inlet Water Temperature Range	°F	50 - 113							
	Recommended Inlet Water Flow Rate per Module (minimum) [3]	gpm	16.4 ~ 39.5 (13.2)							
Water Side (Geothermal)	Inlet Water Temperature Range Cooling [4]	°F	27 (34 [5]) - 113							
	Inlet Water Temperature Range Heating	°F	14 - 113							
	Water Flow Rate	gpm	21 - 40							
Unit	Weight	lbs.	343				2 x 343			
	Dimensions (H x W x D)	in.	39-3/8 x 30-3/4 x 21-11/16							
Electrical	Voltage Range (min - max)	V/ph/Hz	414 - 506							
	Maximum Overcurrent Protection (MOP)	A	15				15 + 15			
	Minimum Circuit Amps (MCA)	A	10.2				10.2 + 10.2			
	Compressor Rated Load Amps (RLA)	A	5.3		7.0		5.3 + 5.3		7.0 + 7.0	
Compressor	Compressor Type		Daikin G-Type Scroll							
	Compressor Set-Up		1 INV				1 INV + 1 INV			
	Compressor Capacity Control	%	23 - 100				11 - 100			

[1] Indoor temp.: 80°FDB, 67°FWB/inlet water temp.: 85°F/ Equivalent piping length: 25 ft., level difference: 0 ft.

[2] Indoor temp.: 70°FDB, 60°FWB/inlet water temp.: 70°F/ Equivalent piping length: 25 ft., level difference: 0 ft.

[3] Please note that a water strainer is required for each condensing unit model and now must be field supplied (strainer specification = 50 mesh).

[4] Application rules apply below 48°F. Please contact your local Daikin office for design assistance and approval.

[5] The minimum cooling EWT is 34°F when the condensing unit is located below the indoor units.

RWEYQ-PCYD

			18 TON		21 TON	
Model	Name		RWEYQ216PCYD		RWEYQ252PCYD	
	Combination		3 x RWEYQ72PCYD		3 x RWEYQ84PCYD	
Performance	Rated Cooling Capacity [1]	BTU/h	206,000		240,000	
	Rated Heating Capacity [2]	BTU/h	232,000		270,500	
	Power	V/ph/Hz	460/3/60			
	Sound Pressure Level @ 3 ft.	dB(A)	56		57	
Refrigerant Piping	System Configuration: Heat Pump: HP, Heat Recovery: HR		HP	HR	HP	HR
	Liquid Pipe (Main Line)	in.	5/8		3/4	
	Suction Gas Pipe (Main Line)	in.	1-3/4			
	Discharge Gas Pipe (Main Line)	in.	N/A	1-1/8	N/A	1-1/8
	Vertical Pipe Length (if unit is below FCU)	ft.	164 (130)			
	Actual Pipe Length (Equivalent Length)	ft.	390 (459)			
	Total Pipe Length	ft.	980			
Connection Ratio	Standard Connectable Indoor Unit Ratio	%	50 - 130			
	Maximum Number of Indoor Units	Qty.	36			
Water Side (Standard)	BPHE Inlet Pipe (Female Thread)	in.	3 x (1-1/4 FPT)			
	BPHE Outlet Pipe (Female Thread)	in.	3 x (1-1/4 FPT)			
	Drain Pipe (Female Thread)	in.	3 x (1/2 FPS)			
	Maximum System Water Pressure (BPHE)	psi	285			
	Standard Inlet Water Temperature Range	°F	50 - 113			
	Recommended Inlet Water Flow Rate per Module (minimum) [3]	gpm	16.4 ~ 39.5 (13.2)			
Water Side (Geothermal)	Inlet Water Temperature Range Cooling [4]	°F	27 (34 [5]) - 113			
	Inlet Water Temperature Range Heating	°F	14 - 113			
	Water Flow Rate	gpm	21 - 40			
Unit	Weight	lbs.	3 x 343			
	Dimensions (H x W x D)	in.	39-3/8 x (30-3/4 x 3) x 21-11/16			
Electrical	Voltage Range (min - max)	V/ph/Hz	414 - 506			
	Maximum Overcurrent Protection (MOP)	A	15 + 15 + 15			
	Minimum Circuit Amps (MCA)	A	10.2 + 10.2 + 10.2			
	Compressor Rated Load Amps (RLA)	A	5.3 + 5.3 + 5.3		7.0 + 7.0 + 7.0	
Compressor	Compressor Type		Daikin G-Type Scroll			
	Compressor Set-Up		1 INV + 1 INV + 1 INV			
	Compressor Capacity Control	%	8 - 100			

VRV III-S

Heat Pump 208-230V

VRV III-S systems are equipped with built-in intelligence which provide independent zoning control to help maximize flexibility and energy savings. With the ability to connect up to eight indoor units to one outdoor unit, the space saving VRV III-S system is ideal for most light commercial and residential applications.

Light Commercial

A highly efficient solution for small commercial applications, the VRV III-S provides cooling and heating for up to 8 zones. With many different indoor unit options to choose from, systems can be paired with a mix of ducted and duct-free indoor units for a customizable system for almost any application.

Designed for flexibility and versatility, the VRV III-S system provides long piping lengths (up to 1000 ft. actual piping length one way), making it an accommodating and space-saving solution for almost any floor layout.

Residential

VRV III-S provides an intelligent alternative for both renovated and new construction homes. Connecting up to eight zones on a single outdoor unit, this system provides design flexibility in a compact, space-saving design.

Indoor units offer speed control with quiet operating sound levels as low as 28 dB(A) with outdoor units having built-in noise reducing features. Activate the night set mode feature and operating sounds progressively reduce 3 B(A) for quieter and gentler cooler or heating.

Features and Benefits

- Single phase technology
- Smaller capacity for precise temperature control
- Space saving design and flexible indoor unit option offer quick and easy installation
- Excellent energy efficiency, especially under part load conditions
- Soft sound levels for comfort
- Single supplier reliability
- Straightforward maintenance and service with self-diagnostic functions

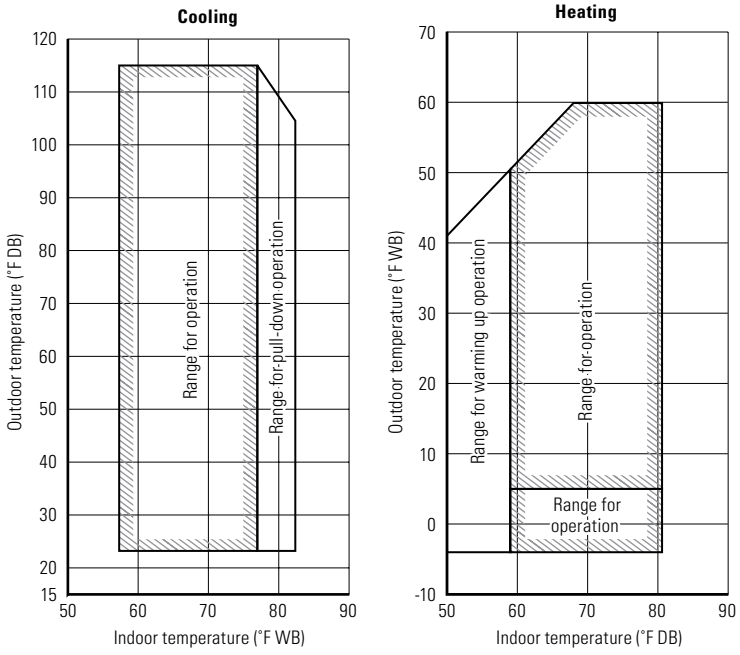
CERTIFIED PERFORMANCE DATA

Model Number	Indoor Units Combination	Nominal Cooling Capacity (BTU/h)	EER 95F	SEER	Nominal Heating Capacity (BTU/h)	Heating COP @ 47 °F	Low Heating Capacity (BTU/h)	Heating COP @ 17 °F	HSPF
RXYMQ36PVJU	Ducted Indoor Units	36,000	9.9	14	42,000	2.90	29,500	2.10	8.4
	Non-Ducted Indoor Units	36,000	11.5	14.9	42,000	2.80	26,000	2.00	8.2
	Mixed Ducted and Non-Ducted Indoor Units	36,000	10.7	14.45	42,000	2.85	27,750	2.05	8.3
RXYMQ48PVJU	Ducted Indoor Units	47,500	9	14	52,500	2.70	36,500	2.00	8.8
	Non-Ducted Indoor Units	47,500	9	15.1	52,500	2.60	33,000	2.00	9.1
	Mixed Ducted and Non-Ducted Indoor Units	47,500	9	14.55	52,500	2.65	34,750	2.00	8.95

VRV III-S 208-230V HEAT PUMP

Model	Name		RXYMQ36PVJU	RXYMQ48PVJU
Performance	Rated Cooling Capacity	BTU/h	36,000	47,500
	Rated Heating Capacity	BTU/hw	42,000	52,500
	Operating Range - Cooling	°F DB	23 - 115	
	Operating Range - Heating	°F DB/°F WB	0 - 64 / -5 - 60	
	Power	V/ph/Hz	208-230/1/60	
	Sound Pressure Level @ 3 ft.	dB(A)	58	
Refrigerant Piping	Refrigerant Type and Quantity	(lbs.)	R-410A (8.8)	
	Liquid Pipe (Main Line)	in.	3/8 (Flare)	
	Suction Gas Pipe (Main Line)	in.	5/8 (Flare)	
	Vertical Pipe Length	ft.	164	
	Actual Pipe Length (Equivalent Length)	ft.	492	
	Total Piping Length	ft.	984	
Connection Ratio	Connectable Indoor Unit Ratio	%	50 - 130%	
	Number of Indoor Units	Qty.	6	
Unit	Weight	lbs.	283	
	Dimensions (H x W x D)	in.	52-15/16 x 35-7/16 x 12-5/8	
Fan	Airflow	CFM	3,740	
	Fan Motor Output and Quantity	kW (Qty.)	0.07 (2)	
Electrical	Maximum Overcurrent Protection (MOP)	A	30.0	
	Minimum Circuit Amps (MCA)	A	27.0	
	Compressor Rated Load Amps (RLA)	A	17.6	23.3
Compressor	Compressor Type		Daikin G-Type Scroll	
	Compressor Set-Up		1 INV	
	Compressor Capacity Control	%	29 - 100	

DETAILED OPERATION RANGES FOR VRV III-S (RXYMQ-PVJU) HEAT PUMP OUTDOOR UNITS



Note: These figures assume the following operating conditions.
Indoor and outdoor units:
- Equivalent pipe length: 25 ft
- Level difference: 0 ft.

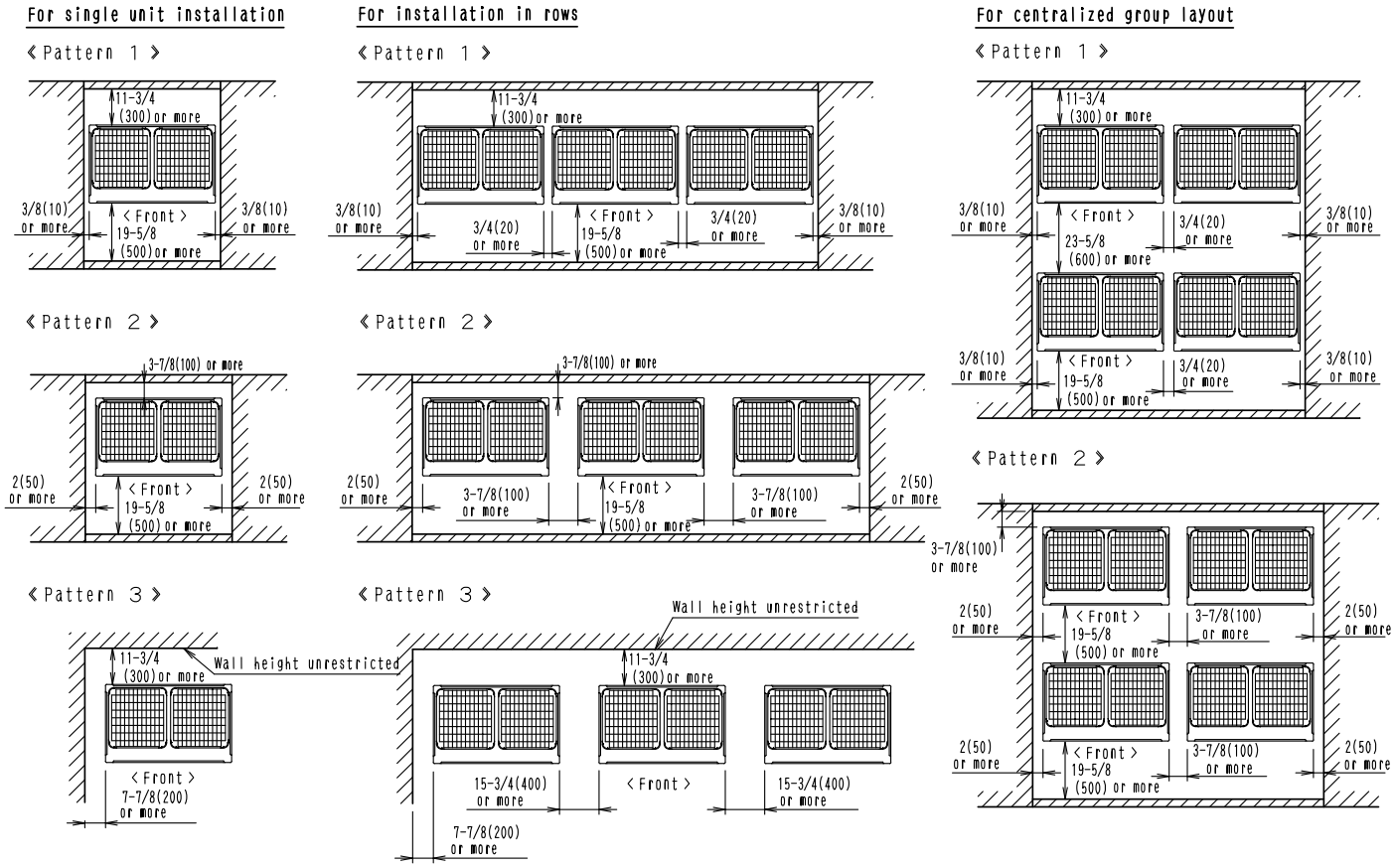
VRV PRODUCTS

Installation Space

VRV IV

Installation Space Examples

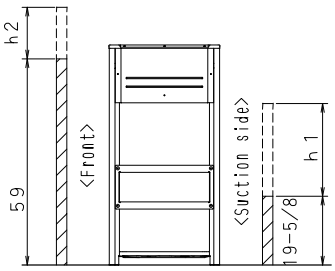
- The installation space requirement shown in the figure is a reference for cooling.
- During installation, install the units using the most appropriate of the patterns shown in the figure for the location in question, taking into consideration human traffic and wind.
- If the number of units installed is more than that shown in the pattern in the figure, install the units so that there is no air short circuiting.
- Consider the space needed for the refrigerant piping when installing the units, as determined by local codes.
- If the space requirements in the figure do not apply, contact your contractor or Daikin directly.



VRV IV

Notes

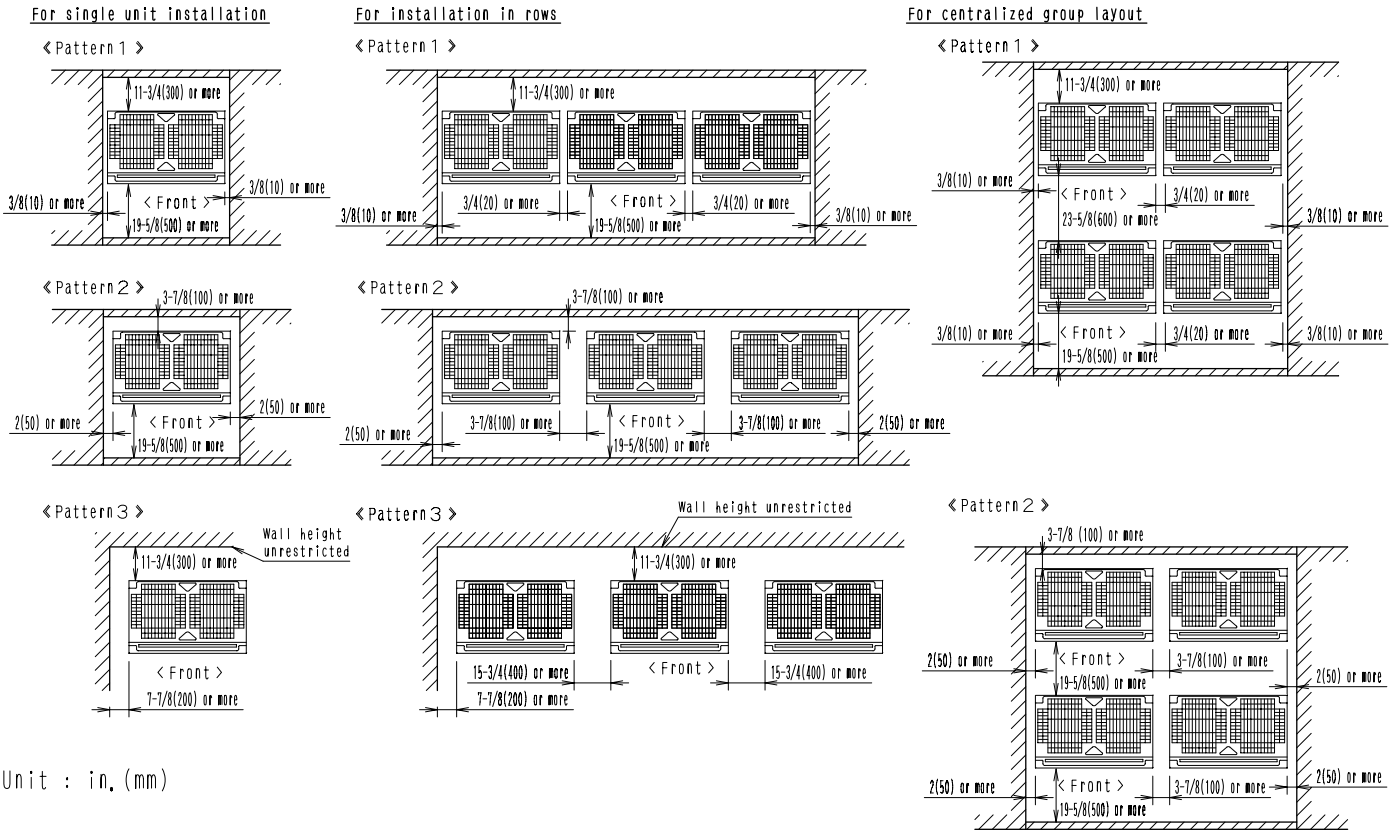
1. Heights of walls in case of Patterns 1 and 2:
   Front: 59in
   Suction side: 19-5/8in
   Side: Height unrestricted.
   Installation space shown in this drawing is based on the cooling operation at 95°F outdoor air temperature.
   When the design outdoor temperature exceeds 95°F or the load exceeds maximum ability because of much generation load of heat in all outdoor unit, take the suction-side space more broadly than the space shown in this drawing.
2. If the above wall heights are exceeded then h2/2 and h1/2 should be added to the front and suction side service spaces respectively as shown in the figure.
3. When installing, the units most appropriate pattern should be selected in order to obtain the best fit in the space available, always bearing in mind the need to leave enough space for a person to pass between the units and wall and for the air to circulate freely.



4. The units should be installed to leave sufficient space at the front for the field refrigerant piping work to be carried out comfortably.

Installation Space

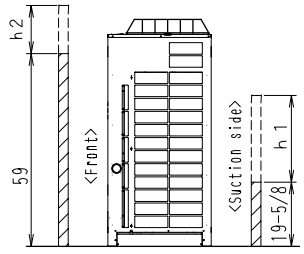
VRV III



Unit : in. (mm)

Notes

1. Heights of walls in case of Patterns 1 and 2:
   Front: 59in.
   Suction side: 19-5/8in
   Side: Height unrestricted.
   Installation space shown in above are based on the cooling operation at 95°FDB outdoor air temperature. The suction side space must be extended in the following case.
   - When the design outdoor temperature exceeds 95°FDB.
   - When the heat loads are large and exceed maximum operating loads for all outdoor units.
2. When the wall heights exceed above, add “h2” /2 and “h1” /2 to the front and suction service spaces respectively. (See right figure for “h2” and “h1”.)
3. When installing units, the most appropriate pattern from those shown above should be selected.
   - a person to pass between the units and surrounding walls.
   - the air to circulate freely.
   - The possibility of short circuiting should be evaluated when installing more units that those shown in the patterns above.

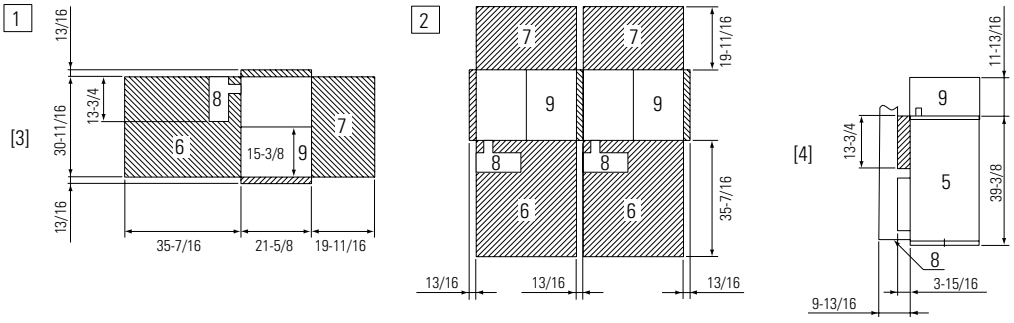


4. Sufficient space should be provided in front of the units for refrigerant piping installation and servicing.

VRV IV

W Series Water Cooled System

1. In case of a single installation [inch.]
2. In case of multiple unit installation [inch.]
3. Top view
4. Side view
5. Condensing unit
6. Service Space (front side)
7. Service Space (back side)
8. Space for installing water piping must be ample enough to remove the front panel.
9. Ventilation space above the area ( ) of the condensing unit.
10. Secure spaces in the front, back, and top sides as same as the case of single installation.



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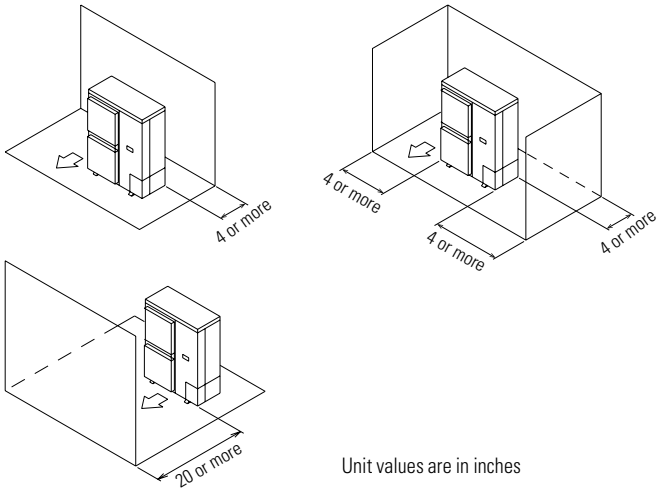
VRV III-S

In case of series installation, some space between the units is needed for wiring with conduit and servicing.

1. Where there is an obstacle on the suction side:
   - (a) No obstacle above
     - (1) Stand alone installation
       - Obstacle on the suction side only
       - Obstacle on both sides
2. Where there is an obstacle on the discharge side:
   - (a) No obstacle above
     - (1) Stand alone installation



Unit values are in inches

VRV PRODUCTS

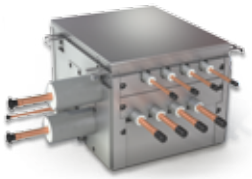
Branch Selector Boxes

NEW Branch Selector Boxes for Heat Recovery Systems

Providing flexibility and minimizing mechanical and electrical installation costs, Daikin's branch selector boxes are ideal for spaces that require individual heating and cooling control.

- Extended range of product offerings with 1, 4, 6, 8, 10 and 12 port options
- No drain or condensate consideration required
- Unlimited number of unused ports per box or system
- Reduced electrical and mechanical installation costs
- Ultimate flexibility – Choose multi-port or single-port styles to customize your design
- Up to 72% reduction in footprint, as compared to previous generation models
- Up to 17% lower sound levels compared to current VRV III models
- Up to 65% reduction in weight, as compared to previous generation models

BSQ36TVJ, BSQ60TVJ, & BSQ96TVJ Single Port



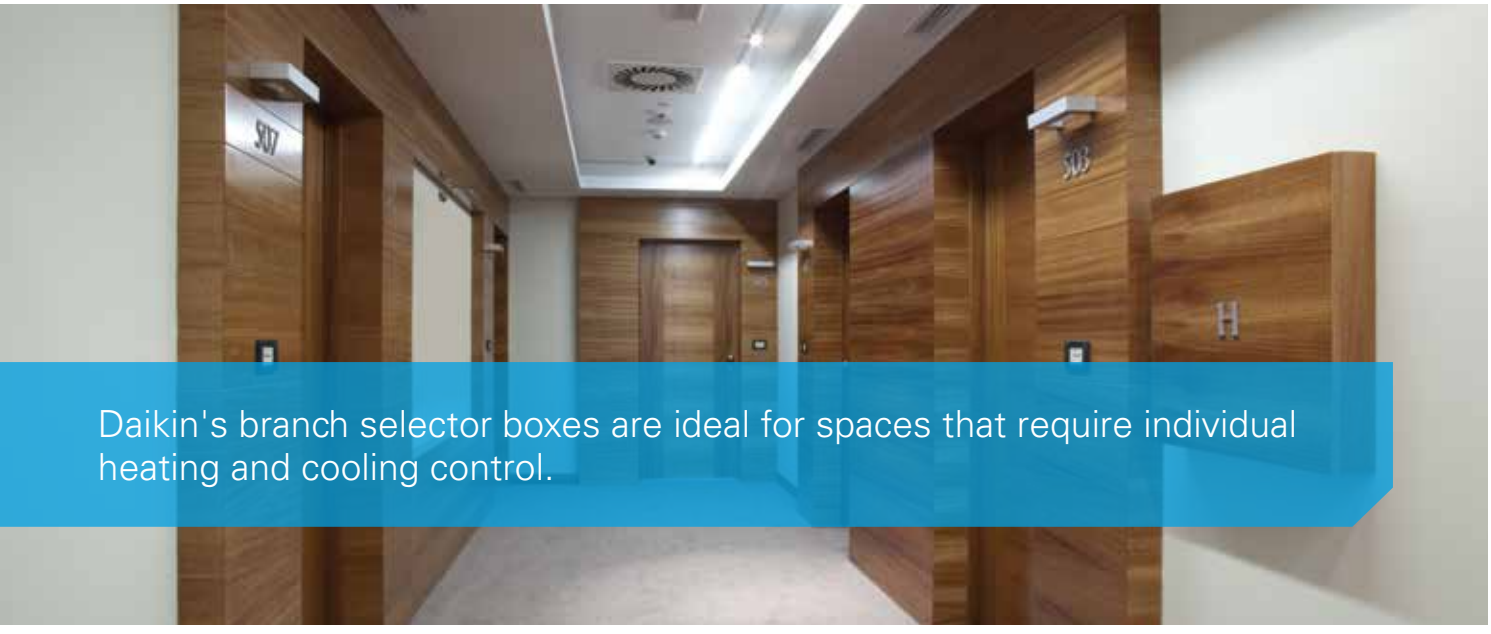
BS4Q54TVJ

BS6Q54TVJ

BS10Q54TVJ

Branch Selector Boxes Compatibility

Single-Port and Multi-Port Branch Selector Boxes BS-TVJ Series are compatible with VRV IV, VRV IV W-Series and VRV III REYQ-PC Series.

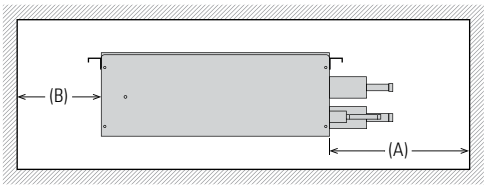


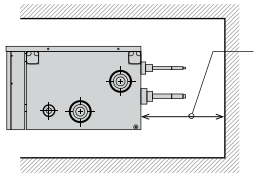
Daikin's branch selector boxes are ideal for spaces that require individual heating and cooling control.

TECHNICAL DATA FOR MULTI-PORT BRANCH SELECTOR BOXES

Model				BS4Q54TVJ	BS6Q54TVJ	BS8Q54TVJ	BS10Q54TVJ	BS12Q54TVJ
Number of branches				4	6	8	10	12
Maximum capacity index per branch				54				
Maximum total capacity index				144	216	290		
Maximum connectable indoor units per branch				5				
Connecting Pipes	IU	Liquid	in.	Ø1/4, Ø3/8				
		Gas	in.	Ø1/2, Ø5/8				
	IU	Liquid	in.	Ø3/8	Ø1/2		Ø5/8	
		Suction Gas	in.	Ø7/8	Ø1-1/8			
		HP/LP Gas	in.	Ø3/4			Ø1-1/8	
Electrical	Power Supply		ph/V/Hz	1/208-230/60				
	Maximum Overcurrent Protection, MOP		A	15				
	Minimum Circuit Amps, MCA		A		0.6	0.8	1	1.2
Mass (Weight)			lbs.	49	68	73	101	106
Dimensions (H x W x D)			in.	11-3/4 x 14-9/16 x 18-15/16	11-3/4 x 22-13/16 x 18-15/16		11-3/4 x 32-5/16 x 18-15/16	

MULTI-PORT BRANCH SELECTOR BOX INSTALLATION SPACE



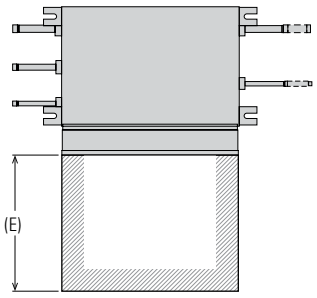


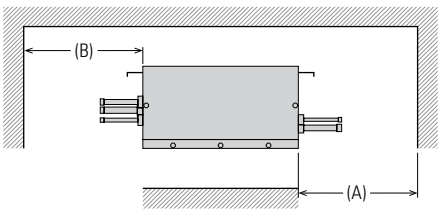
MINIMUM CLEARANCE		BS4Q54TVJ	BS6Q54TVJ	BS8Q54TVJ	BS10Q54TVJ	BS12Q54TVJ
A	in.	20				
B	in.	11-3/4				

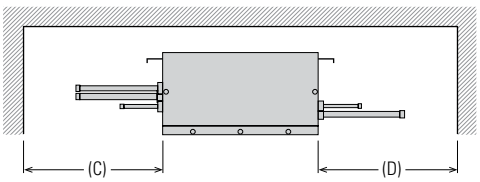
TECHNICAL DATA FOR SINGLE-PORT BRANCH SELECTOR BOXES

Model				BSQ36TVJ	BSQ60TVJ	BSQ96TVJ
Number of branches				1	1	1
Maximum capacity index				36	60	96
Maximum connectable indoor units				4	8	8
Connecting Pipes	IU	Liquid	in.	Ø3/8		
		Gas	in.	Ø5/8		Ø7/8
	IU	Liquid	in.	Ø3/8		
		Suction Gas	in.	Ø5/8		Ø7/8
		HP/LP Gas	in.	Ø1/2		Ø3/4
Electrical	Power Supply		ph/V/Hz	1/208-230/60		
	Maximum Overcurrent Protection, MOP		A	15		
	Minimum Circuit Amps, MCA		A	0.1		
Mass (Weight)			lbs.	27	27	33
Dimensions (H x W x D)			in.	8-1/8 x 15-1/4 x 12-13/16		

SINGLE-PORT BRANCH SELECTOR BOX INSTALLATION SPACE







MINIMUM CLEARANCE		BSQ36TVJ	BSQ60TVJ	BSQ96TVJ
A	in.	10	10	12
B	in.	10	10	12
C	in.	-	13-3/4	15-3/4
D	in.	12	13-3/4	15-3/4
E	in.	12	12	11-13/16

For additional technical information and all equipment installation and application limitations please refer to the specific Engineering Data Books.

REFNET pipe joints

REFNET

REFNET joints distribute correct flow of refrigerant in every branch of the piping network.

REFNET Joint

REFNET Header

VRV IV Heat Pump

OPTIONAL ACCESSORIES		RXYQ72T RXYQ96T	RXYQ120T RXYQ144T RXYQ168T	RXYQ192T RXYQ216T RXYQ240T RXYQ264T RXYQ288T RXYQ312T RXYQ336T	RXYQ360T RXYQ384T RXYQ408T
Distributed piping	REFNET header	KHRP26M22H (max. 4 branch) KHRP26M33H (max. 8 branch)	KHRP26M22H (max. 4 branch) KHRP26M33H (max. 8 branch) KHRP26M72H (max. 8 branch)	KHRP26M22H (max. 4 branch) KHRP26M33H (max. 8 branch) KHRP26M72H (max. 8 branch) KHRP26M73H (max. 8 branch)	
	REFNET joint	KHRP26A22T KHRP26A33T	KHRP26A22T KHRP26A33T KHRP26M72TU	KHRP26A22T KHRP26A33T KHRP26M72TU KHRP26M73TU	
Outdoor unit multi connection piping kit		—		BHFP22P100U	BHFP22P151U

VRV IV Heat Recovery

OPTIONAL ACCESSORIES		REYQ72T REYQ96T	REYQ120T REYQ144T REYQ168T	REYQ192T REYQ216T REYQ240T REYQ264T REYQ288T REYQ312T REYQ336T	REYQ360T REYQ384T REYQ408T REYQ432T REYQ456T
Distributed piping	REFNET header	KHRP26M33H (max. 8 branch)	KHRP26M33H (max. 8 branch) KHRP26M72H (max. 8 branch)	KHRP25M33H9 (max. 8 branch) KHRP25M72H9 (max. 8 branch) KHRP25M73H9 (max. 8 branch)	
	REFNET joint	KHRP25A22T9 KHRP25A33T9	KHRP25A22T9 KHRP25A33T9 KHRP25M72TU9	KHRP25A22T9 KHRP25A33T9 KHRP25M72TU9 KHRP25M73TU9	
Outdoor unit multi connection piping kit		—		BHFP26P100U	BHFP26P151U

VRV III PC Heat Recovery

OPTIONAL ACCESSORIES		REYQ72PC	REYQ96PC REYQ120PC REYQ144PCTJ
Distributed piping	REFNET header	KHRP25M33H9 (max. 8 branch)	KHRP25M33H9 (max. 8 branch) KHRP25M72H9 (max. 8 branch)
	REFNET joint	KHRP25A22T9 KHRP25A33T9	KHRP25A22T9 KHRP25A33T9 KHRP25M72TU9

REFNET pipe joints & Hail Guard Kit for VRV IV

VRV IV W-Series Heat Pump / Heat Recovery and VRV-III-S

UNIT MODEL NUMBER	VRV IV W-SERIES			VRV-III-S
	RWEYQ72P RWEYQ84P	RWEYQ144P RWEYQ168P	RWEYQ168P RWEYQ252P	RXYMQ36P RXYMQ48P
REFNET Header	KHRP25M33H9 (max. 8 branch) KHRP26M22H9 (max. 4 branch) KHRP26M33H9 (max. 8 branch)	KHRP25M33H9 (max. 8 branch) KHRP25M72H9 (max. 8 branch) KHRP26M22H9 (max. 4 branch) KHRP26M33H9 (max. 8 branch) KHRP26M72H9 (max. 8 branch)	KHRP25M33H9 (max. 8 branch) KHRP25M72H9 (max. 8 branch) KHRP25M73HU9 (max. 8 branch) KHRP26M22H9 (max. 4 branch) KHRP26M33H9 (max. 8 branch) KHRP26M72H9 (max. 8 branch) KHRP26M73HU9 (max. 8 branch)	KHRP26M22H9 (max. 4 branches) KHRP26M33H9 (max. 8 branches)
REFNET Joint	KHRP25M22T9 KHRP25M33T9 KHRP26M22T9 KHRP26M33T9	KHRP25M22T9 KHRP25M33T9 KHRP25M72TU9 KHRP26M22T9 KHRP26M33T9 KHRP26M72TU9	KHRP25M22T9 KHRP25M33T9 KHRP25M72TU9 KHRP25M73TU9 KHRP26M22T9 KHRP26M33T9 KHRP26M72TU9 KHRP26M73TU9	KHRP26M22T9
Outdoor Unit Multi Piping Connection Kit (Heat Pump)		BHFP22MA56U	BHFP22MA84U	
Outdoor Unit Multi Piping Connection Kit (Heat Recovery)		BHFP26MA56U	BHFP26MA84U	

NEW Hail Guard Kit for VRV IV

The optional hail guard kit for VRV IV enables optimal airflow for efficient heat transfer while providing condenser coil protection from hail damage in severe climates. Each hail guard kit, that is field installed, consists of 4 panels (Right, Left, Front and Back).

KIT PART NUMBER	QTY OF KITS PER VRV IV OU MODEL					PANEL DIMENSIONS (H X W X D)			
	R_YQ72T	R_YQ96-168T	R_YQ192T	R_YQ216-336T	R_YQ360-456T	Right Panel	Left Panel	Front Panel	Front Panel
VRV4HGS-K1	1	1	1			45.90" x 26.07" x 4.00"	45.90" x 12.88" x 4.00"	45.90" x 13.24" x 4.00"	45.90" x 32.62" x 4.00"
VRV4HGL-K1			1	2	3			45.90" x 24.03" x 4.00"	45.90" x 44.77" x 4.00"

Service space requirements for the front, back and sides of the condensing unit must be at least 4" greater than the service space requirements provided in the condensing unit installation manual and engineering guide.

If the condensing units in multiple unit installations are installed between 0.75" and 3" maximum between units, the side hail guard panels between modules may not be required. For further separation between the modules, full kits for each module may be required.

VRV Products Ventilation

FXMQ-MFVJU

100% outside air processing unit

Outside Air Integration Possible

Filter Included

Concealed, Powerful, Compact, Quiet, Fresh Air Quality

This unit provides a zoned, decentralized approach to conditioning outside air. This helps to reduce ductwork and installation time while increasing efficiency and flexibility. Both outside air treatment and space conditioning can be provided from one compact, flexible and efficient VRV system. VRV indoor units and outdoor air processing unit can be connected to the same refrigerant line, enabling enhanced design flexibility.

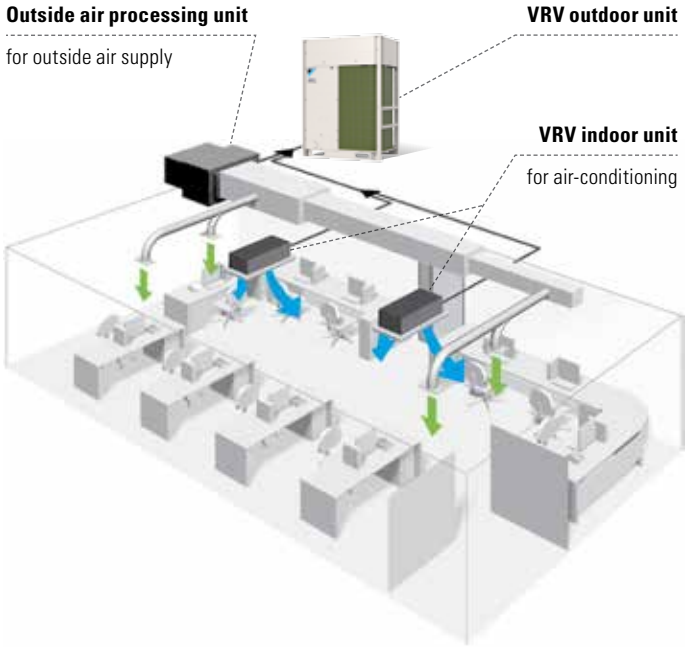
Features and Benefits

- Available in three capacities, nominal 48, 72 and 96 MBH
- The nominal airflow rates are 635, 988, and 1,236 CFM respectively
- External static pressure capabilities of up to 1.03 "W.G. allows for flexibility with duct work and filtration choices
- The indoor unit is controlled to a set cooling and heating discharge air temperature allowing the flexibility to integrate with a standard Daikin indoor unit or duct directly to the space
- A low profile design of only 18.5" high reduces the required installation space and can eliminate mechanical rooms or additional structural supports associated with traditional OA systems
- Indoor Air Quality options include MERV 8 and 13 filters and filter boxes
- Can be connected to all North American Daikin VRV systems
- Connects directly and seamlessly into the Daikin local and centralized controllers

Operational Characteristics

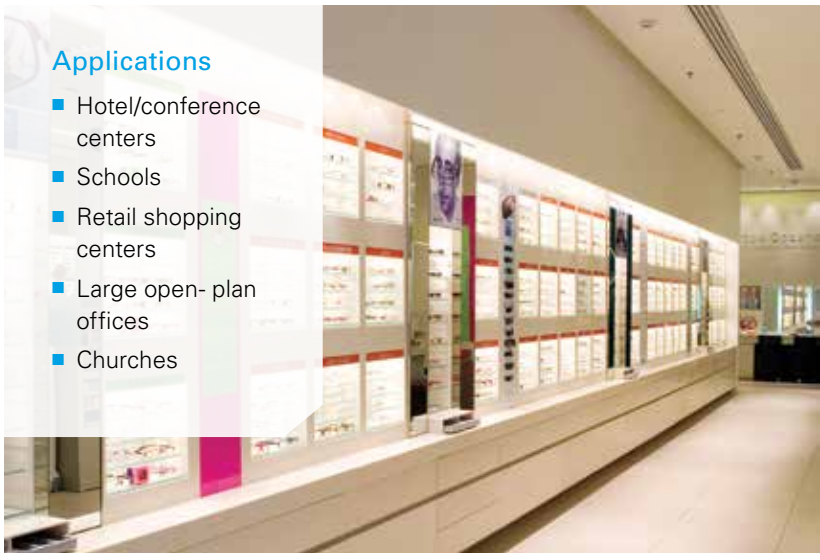
When the suction air temperature is between 66°F and 109°F, the Outside Air Processing Unit operates in cooling, and when between 23°F and 59°F, it operates in heating. The OA processing unit will work in energy saving fan only between 59°F and 66°F.

Layout example



Applications

- Hotel/conference centers
- Schools
- Retail shopping centers
- Large open- plan offices
- Churches



FXMQ-MFVJU SPECIFICATIONS			4 TON	6 TON	8 TON
Model Name			FXMQ48MFVJU	FXMQ72MFVJU	FXMQ96MFVJU
Power Supply		V/ph/Hz	208-230/1/60		
Rated Cooling Capacity		BTU/h	48,000	72,000	96,000
Rated Heating Capacity		BTU/h	30,000	47,000	59,000
Airflow Rate		CFM	635	988	1,236
Weight		lbs.	190	271	
Height		in.	18-1/2		
Width		in.	29-1/4	54-3/8	
Depth		in.	43-5/16		
Sound Pressure		dB(A)	42	47	
External Static Pressure		in. W.G.	0.88	0.96	1.03
Pipe Connections	Gas	in.	5/8	3/4	7/8
	Liquid	in.	3/8		
Protection Devices			Fuse		
			Fan Motor Thermal Protector		
External Finish			Galvanized Steel Plate		
Operating Range - Cooling		°F	66 DB/59 WB - 109 DB/90 WB		
Operating Range - Heating		°F	23 DB to 59 DB		
Discharge Air Temp. - Cooling		°F	55-77		
Discharge Air Temp. - Heating		°F	64-86		

Nominal Conditions:

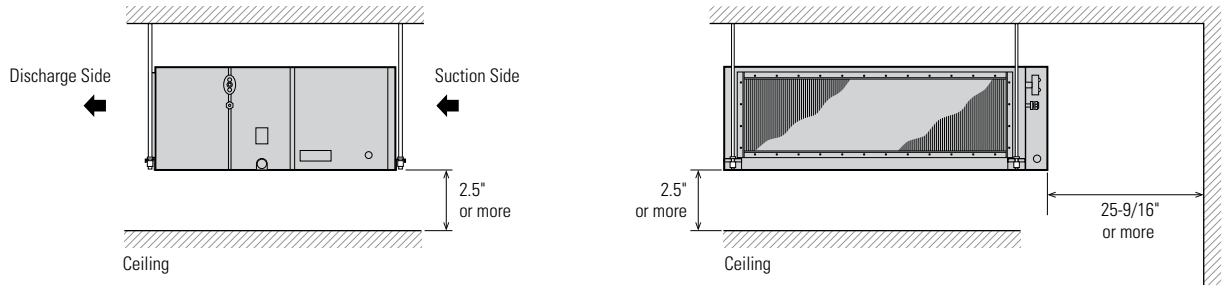
Cooling Mode
Discharge Set Temperature: 64 °F DB
Outdoor: 91 °F DB, 82 °F WB (68% RH)
Pipe Length: 25 ft.
Level Difference: 0 ft.

Heating Mode
Discharge Set Temperature: 77 °F DB
Outdoor: 32 °F DB, 27 °F WB (50% RH)
Pipe Length: 25 ft.
Level Difference: 0 ft.

Note: Specifications are subject to change without notice.

FXMQ-MFVJU ACCESSORIES			
Model Name	FXMQ48MFVJU	FXMQ72MFVJU	FXMQ96MFVJU
Navigation Remote Controller	BRC1E73		
Wireless Remote Controller	BRC4C82		
Remote Sensor Kit	KRCS01-1B		
Wiring Adapter PCB (interface with aux/primary heater, humidifier, OA damper/fan)	KRP1C74		
Group Control Adapter PCB (connects to external BMS)	KRP4A71		
High Efficiency Filter Kit (MERV 13)	DACA-MQ48F131K	DACA-MQ96F131K	
High Efficiency Filter Kit (MERV 8)	DACA-MQ48F-8-1K	DACA-MQ96F-8-1K	

FXMQ-MFVJU INSTALLATION SPACE



VAM-GVJU

Energy Recovery Ventilator

OSA Outside Air Integration Possible

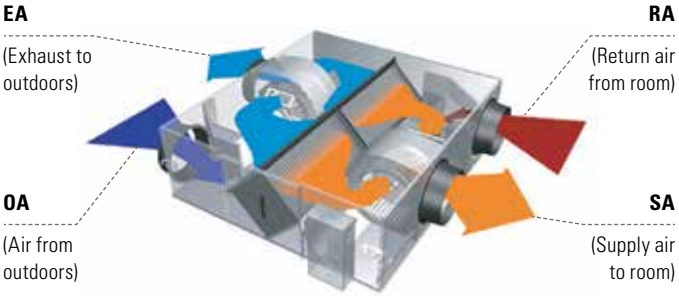
Energy Efficient, Logical, Compact

This Energy Recovery Ventilator is designed to maintain good indoor air quality by providing sufficient levels of outside air and recover waste heat from exhaust air leaving the conditioned zone. It is also fully compatible with Daikin's DIII-NET communications.

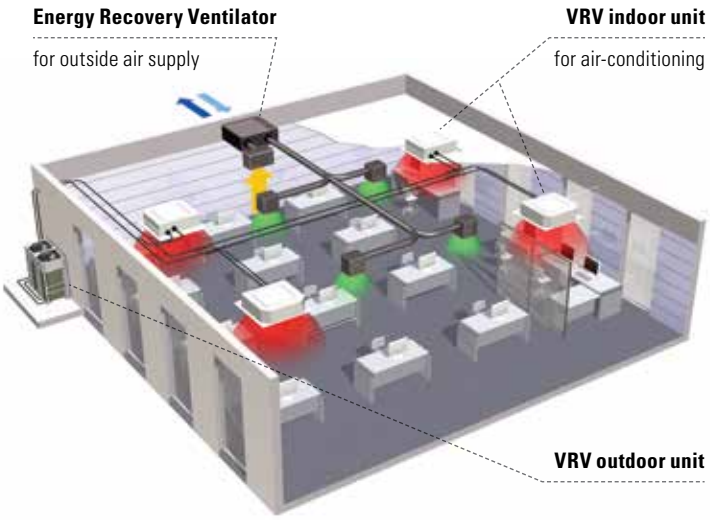
Features and Benefits

- Provides energy saving heat recovery ventilation via a heat exchanger with temperature and enthalpy recovery efficiency
- 0-4% return cross leakage rating
- Superior performance with a high efficiency fan and the capability for use in a wide range of climates
- (5 to 122°FDB and 80% RH or less)
- Integrated functions such as independent operation, third party equipment interlocking and automatic night purge to reduce cooling loads and increase energy savings
- Interlocked simultaneous operation with VRV indoor units
- Pre-cooling/heating control function to delay the start of ventilation during air conditioner start-up for higher energy savings
- Supply and exhaust fresh-up operation modes to help control pressure within a space
- Filter sign and display reset notifies when filter changes are required
- Temperature recovery efficiency up to 74%
- Enthalpy recovery efficiency up to 65%
- ESP as high as 0.76 "W.G.
- Sound levels as low as 25.5 dB(A) for sound sensitive installation locations

Heat exchanger with high temperature and enthalpy efficiency



Layout example



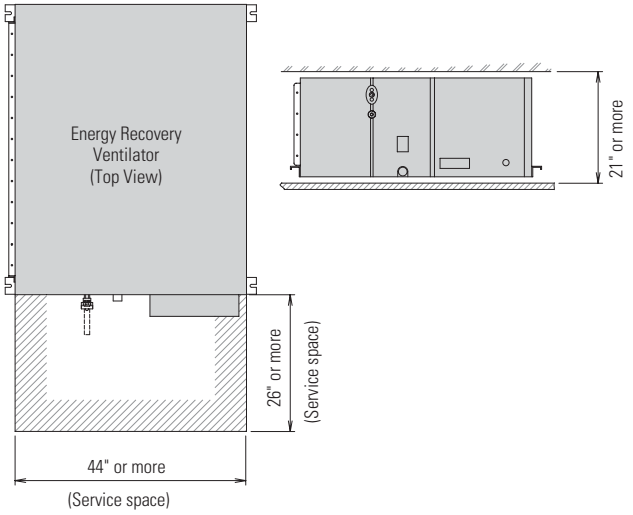
Applications

- Hotel/conference centers
- Schools
- Retail shopping centers
- Large open- plan offices
- Churches

VAM SPECIFICATIONS

Model Name		Airflow		VAM300GVJU	VAM470GVJU	VAM600GVJU	VAM1200GVJU
Temperature Recovery Efficiency Percentage	Cooling	100	%	65	68	72	
		75	%	70	72	74	
	Heating	100	%	65	66	70	
		75	%	69		73	
Enthalpy Recovery Efficiency Percentage	Cooling	100	%	40	45	49	
		75	%	48	50	52	
	Heating	100	%	57	59	60	
		75	%	63	65	63	
Power Supply			V/ph/Hz	208-230/1/60			
Airflow Rate (H/M/L)	Heat Exchange Mode		CFM	300/300/170	470/470/390	600/600/500	1,200/1,200/930
	Bypass Mode			300/300/170	470/470/390	600/600/500	1,200/1,200/930
Weight			lbs.	71	121	148	346
Height			in.	12-1/16	15-1/4	15-1/4	30-7/8
Width			in.	34-5/8	43-11/16		63-3/4
Depth			in.	31-1/2	32-3/4	47-13/16	
Sound Pressure (H/M/L)			dB(A)	37/33.5/25.5	42/38.5/35	42.5/39/36	44.5/41.5/38.5
External Static Pressure (H/M/L)			in. W.G.	0.64/0.26/0.16	0.73/0.39/0.33	0.76/0.34/0.32	0.56/0.24/0.16
External Finish				Galvanized Steel Plate			
Insulation Material				Self-Extinguishing Urethane Foam			
Connection Duct Diameter			in.	8	10		14
Ambient Conditions			A	5°F ~ 122°FDB 80% RH or less			

VAM-GVJU INSTALLATION EXAMPLE



VRV Products Controls

Individual controllers

REMOTE CONTROLLER COMPATIBILITY WITH VRV INDOOR UNITS									
	FXFQ-TV	FXZQ	FXUQ	FXDQ	FXMQ	FXHQ	FXAQ	FXL(N)Q	FXTQ
Navigation remote controller (Wired remote controller)	●	●	●	●	●	●	●	●	●
Wireless remote controller (Installed type signal receiver unit)		●				●	●		
Wireless remote controller (Separate type signal receiver unit)				●	●			●	●
Simplified remote controller	●	●	●	●	●	●	●	●	●

● No louver control function

INDIVIDUAL CONTROL CAPABILITIES			
System Capabilities	Daikin Controls Options		
	 BRC1E73 Navigation Remote Controller	 BRC2A71 Simplified Wired Remote Controller	 Wireless Remote Controller (model depends on unit)
Communications	2 Wire / DIII-Net	2 Wire / DIII-Net	Infrared
°F/°C Selector	●	°F only	°F only
Backlit LCD display	●		
Room temperature display	●		
Schedule and setback capabilities (with Time and Date display)	●		
User restriction options	●		
On/Off, Operation mode, Setpoint, Fan speed	●	●	●
Louver position adjustment	●		●
Reports system malfunctions	●	●	●
Space temperature sensor	●		
Simultaneous operation with Daikin multi-zone controllers	●	●	●
Simultaneous operation with BACnet® and LonWorks®	●	●	●
Group control capacity	Up to 16 indoor units	Up to 16 indoor units	Up to 16 indoor units

BRC1E73 - Navigation Remote Controller

New and Improved

The Navigation Remote Controller has been enhanced to meet the configuration requirements of Daikin's new VRV indoor units (FXFQ-TVJU and FXUQ-PVJU). The BRC1E73 will provide all the great features and options the market requires. The configurable display and operation buttons will provide as much or as little control as the project requires.

Features and Benefits

- Basic Operation
  - On/Off, operation mode, setpoint
  - NEW Up to 5 fan speeds selectable
  - Fan speed (enhanced)
  - Airflow direction (enhanced)
  - NEW Individual louver airflow direction
  - NEW Dual airflow
  - NEW Auto-draft prevention (prevents air blowing directly on occupants)
- Function
  - Configurable display — Detailed, Standard, and Simple
  - Dual or single cool and heat setpoints for occupied periods
  - Independent setback setpoints for unoccupied periods
  - NEW Automatic Setback by occupancy sensor
  - NEW Automatic Off by occupancy sensor
  - Unwanted buttons/operation modes can be disabled
  - Setpoint range limitation
  - Individual button prohibits/lockout
  - Auto-changeover for Heat Recovery and Heat Pump systems with dual or single setpoints
  - NEW Control Self-cleaning filter panel functions
  - Automatic adjustment for Daylight Savings Time (DST) (enhanced)
  - Built in 7, 5+2, 5+1+1, and 1 (everyday) schedule with up to 5 actions per day with independent cooling, heating and setback setpoints

BRC4C82/BRC7E818/BRC7E83/BRC7E830 - Wireless Remote Controller

- The same operation modes and settings as with wired remote controllers are possible.
- Features
  - On/Off
  - Operation mode
  - Single setpoint
  - Fan speed adjustment
  - Louver position adjustment
  - Reports system malfunctions
- A compact signal receiver unit (separate type) to be mounted into a wall or ceiling is included.
  - The Ceiling Suspended and Wall Mount indoor units use signal receivers that are mounted in the indoor unit.

Wireless remote controller

Signal receiver unit (separate type)

Wireless remote controller and signal receiver unit are sold as a set.

BRC2A71 - Simplified Remote Controller

- Economical controls solution
- Suitable for use in hotels rooms, hallways, reception areas and conference rooms
- Features
  - On/Off
  - Operation mode
  - Single setpoint
  - Fan speed adjustment
  - Can be used with the optional remote temperature sensor for sensing room temperature

Simplified remote controller

DCS302C71 - Central Remote Controller

Maximum 64 groups (zones) of indoor units can be controlled individually.

- Maximum 64 groups (128 indoor units) controllable
- Maximum 128 groups (128 indoor units) are controllable by using 2 central remote controllers, which can control from 2 different places.
- Zone control
- Malfunction code display
- Maximum wiring length 3280 ft. (Total: 6560 ft.)
- Connectable with Unified ON/OFF controller, schedule timer and BMS system
- Airflow volume and direction can be controlled individually for indoor units in each group operation.
- Ventilation volume and mode can be controlled for Energy Recovery Ventilator.
- Up to 4 ON/OFF pairs can be set per day by connecting a schedule timer.

DCS301C71 - Unified On/Off Controller

Maximum 16 groups of indoor units can be operated simultaneously/individually.

- Maximum 16 groups (128 indoor units) controllable
- Operating status indication (Normal operation, Alarm)
- Centralized control indication
- Maximum wiring length 3280 ft. (total: 6560 ft.)
- Compact size casing (thickness: 0.63in)
- Connectable with Central Remote Controller, Schedule timer and BMS system

DST301BA61 - Schedule Timer

Maximum 128 indoor units can be operated as programmed schedule.

- Maximum 128 indoor units controllable
- When used in combination with a central remote controller, a maximum of 8 weekly schedule patterns can be set, while the central controller can be used to select desired zones. Up to 2 ON/OFF pairs can be set per day.
- Maximum 48 hours back up power supply
- Maximum wiring length 3280 ft. (total: 6560 ft.)
- Compact size casing (thickness: 0.63in)
- Connectable with Central Remote Controller, Unified ON/OFF controller and BMS system

Advanced multi-zone controllers

DCM601A71 - intelligent Touch Manager (iTM)

One for all

The intelligent Touch Manager (iTM) is an advanced multi-zone controller that provides the most cost-effective way to control and monitor the Daikin VRV system.

Centralized and Advanced VRV Control

Up to 64 Indoor Unit Groups (128 actual Indoor Units) can be monitored and controlled with individual Cool and Heat Setpoints, Setpoint Range Limitation, Setback Setpoints, and Auto changeover to meet your expectations and project requirements. Up to 512 Indoor Unit Groups (1024 actual Indoor Units) can be monitored and controlled with the addition of up to 7 optional iTM Plus Adapters. (DCS601A72)

Ancillary Equipment Control

Integrates and/or interlocks sensors, switches, dampers, fans, pumps, and lighting with Daikin Indoor Units.

Web Access and Alert E-mail

Allows daily remote monitoring and control with the Web/E-mail function that can be accessed via the facility's Local Area Network or your Internet connection. Sends Error E-mail to mobile devices with the Web/E-mail function.

Tenant Billing

Determines energy consumption of shared condensing units based upon tenant (Indoor Unit) demand with optional PPD Software option (DCM002A71).

Features

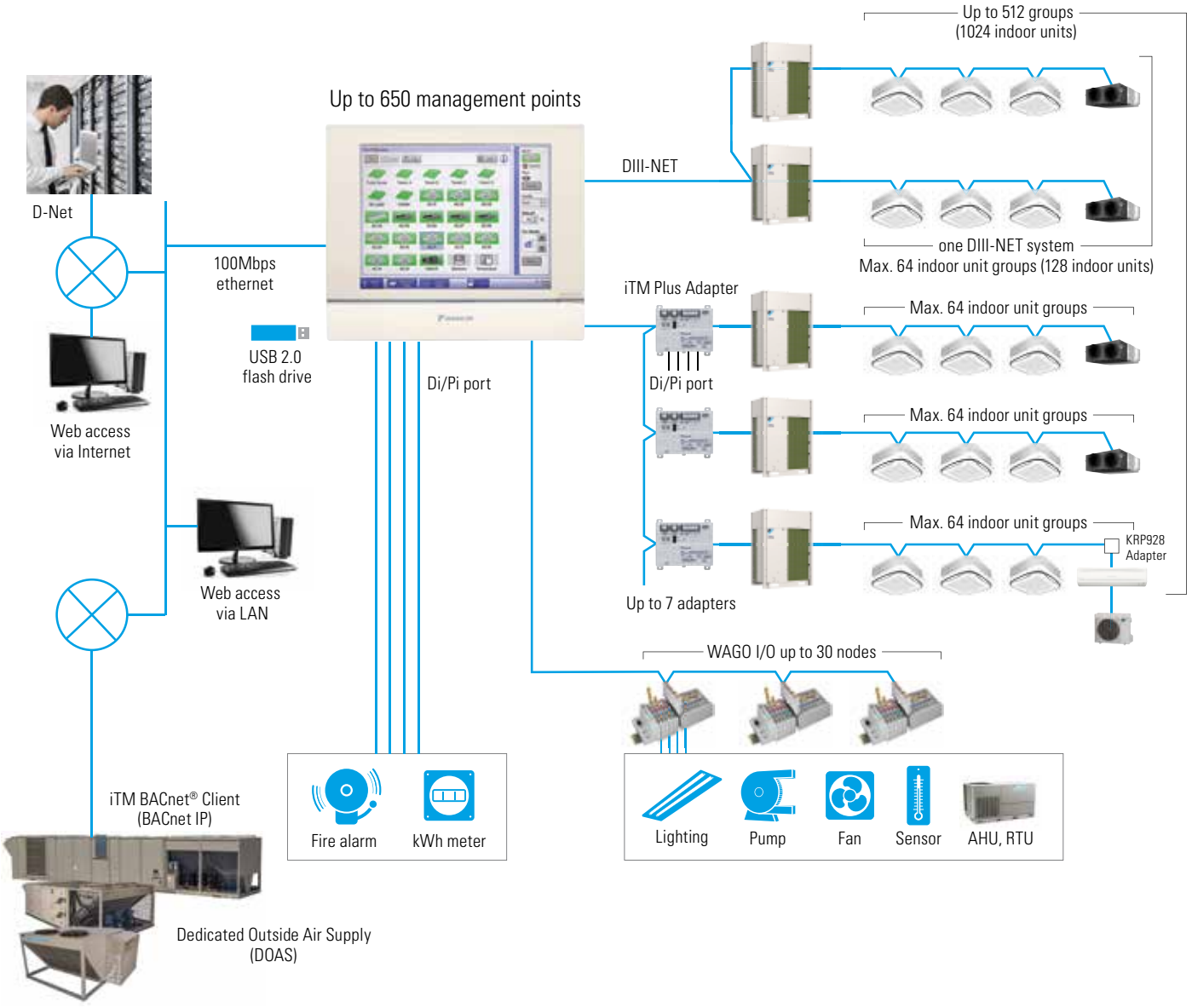
- 10.4" LCD touch screen, USB drive
- Advanced, scalable and cost-effective management system
  - Up to 650 points (max 512 indoor unit groups (1024 indoor units)
  - Floor plan layout view

intelligent touch Manager

Functions

- Dual setpoints or Single setpoint in Occ or Setback in Unocc
- Setpoint Range Limitation
- Scheduling (7 day, Weekday-Weekend, Weekday-Saturday-Sunday, Everyday)
- Optimum Start and Timed Override
- Advanced Auto changeover
  - Applicable to both VRV Heat Pump and Heat Recovery systems
  - Fixed, Individual, Average and Vote methods
- Web Accessibility and Alert Email (standardized)
  - All screen views and configuration menus can be accessed through Web
- WAGO I/O
  - Monitor and control 3rd party equipment with Di, Do and Ai signals
  - Up to 512 management points
  - Interlock function with indoor units and ancillary equipment
- iTM BACnet® Client (option) (DCM009A51)
  - Enabling the BACnet Client option the iTM uses the BACnet protocol BACnet IP
  - Allows for full monitoring and control of 3rd party BACnet capable equipment
  - Up to 512 BACnet management points

iTM system overview



VRV PRODUCTS

Advanced multi-zone controllers (continued)

DCS601C71 - intelligent Touch Controller (iTC)

Centralized and Advanced VRV Control

Up to 64 Indoor Unit Groups (128 actual Indoor Units) can be monitored and controlled with individual Cool and Heat Setpoints, Setpoint Range Limitation, Setback Setpoints, and Auto changeover to meet your expectations and project requirements. Up to 128 Indoor Unit Groups (256 actual Indoor Units) can be monitored and controlled with the addition of the Optional DIII-Net Plus Adapter (DCS601A72).

Ancillary Equipment Control

Integrates and/or interlocks sensors, switches, dampers, fans, pumps, and lighting with Daikin Indoor Units.

Web Access and Alert E-mail

Allows daily remote monitoring and control with the Web/E-mail Software option that can be accessed via the facility's Local Area Network or your Internet connection. Sends Error E-mail to mobile devices with the optional Web/E-mail Software option (DCS004A71).

Tenant Billing

Determines energy consumption of shared condensing units based upon tenant (Indoor Unit) demand with optional PPD Software option (DCS002A71).

Features

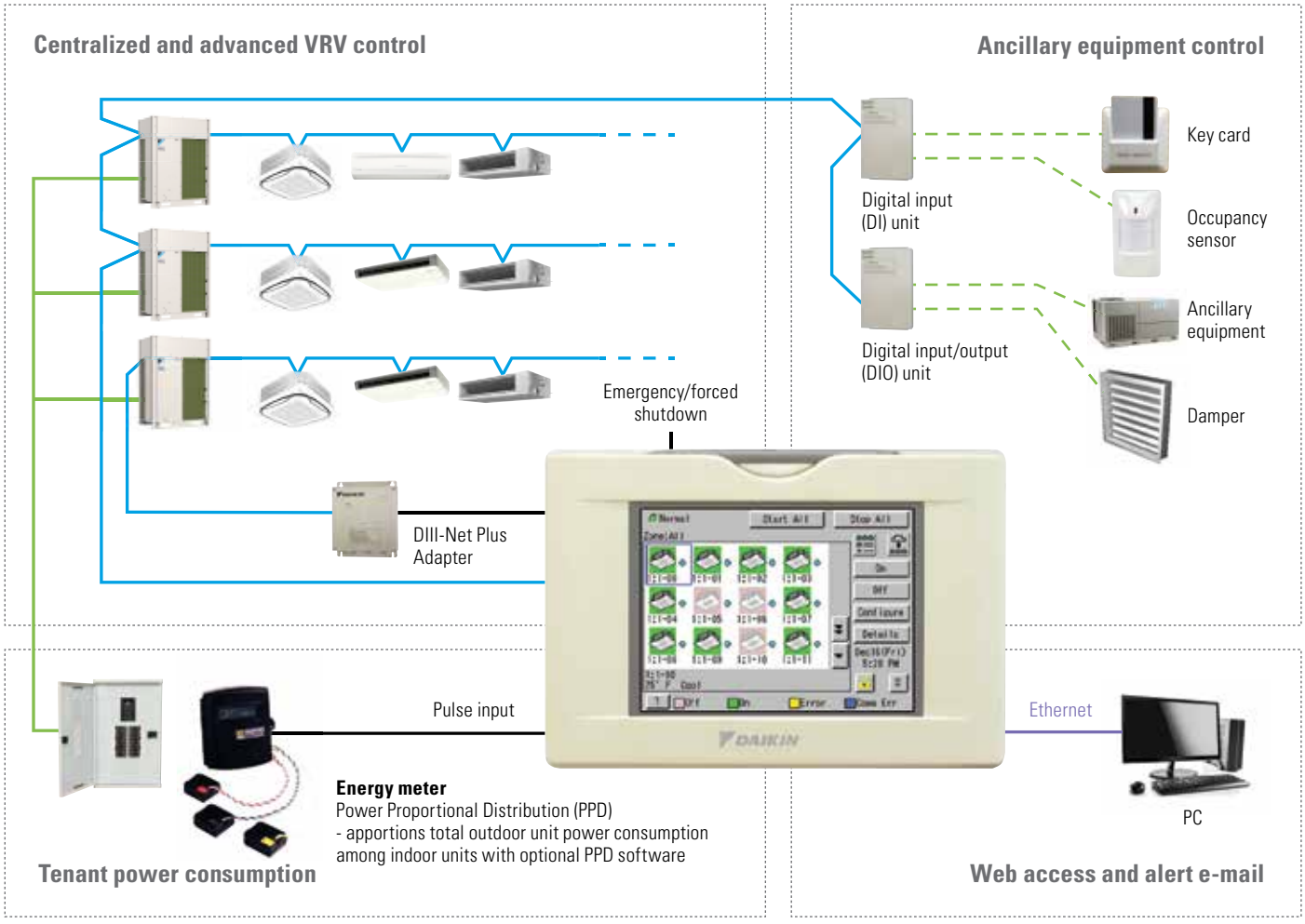
- Color LCD touch panel icon display
- Simplified engineering
- Multi language (English, French, Italian, German, Spanish)
- Yearly schedule
- Independent dual or single setpoints for occupied and setback operation
- Auto heat/cool change-over
- Enhanced history function
- Simple Interlock Function
- Doubling of number of connectable indoor units by adding a DIII-NET Plus Adapter (option)

intelligent touch Controller

Functions

- Advanced Zone Level Control
  - Add advanced temperature control functions from a single multi-zone controller
- Independent Cool, Heat, and Setback Setpoints
- Advanced Auto changeover
  - Applicable to both VRV Heat Pump and Heat Recovery systems
  - Fixed, Individual, and Average methods
- Scheduling (7 day, Weekday-Weekend, Weekday-Saturday-Sunday)
- Centralized Control with three different view styles
- Setpoint Range Limit
- Simple interlock
- Web server (option)
- Alarm E-mail (option)
- PPD (tenant billing option)
- HTTP interface (option)

iTC system overview



Open protocol interfaces

Interface for BACnet® , LonWorks® and Modbus

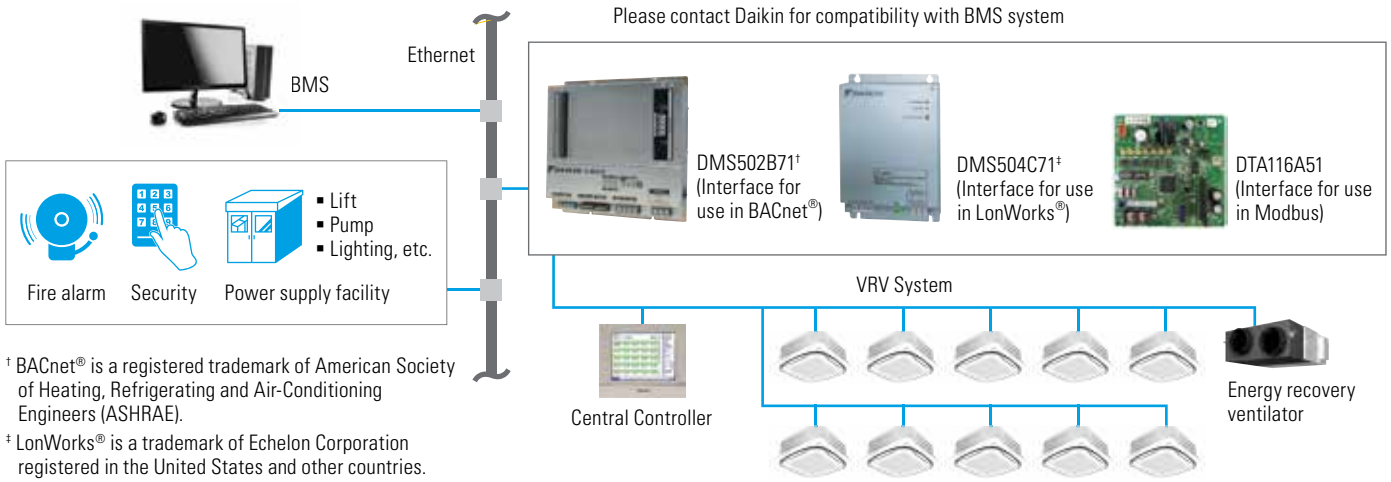
BACnet® features (DMS502B71)

- BACnet®: Building Automation and Control Networks
  - Standard open protocol based on ANSI/ASHREA Standard 135
- Monitor/Control indoor unit's points
- Monitor/Control up to 256 indoor units groups (512 indoor units)
- Certified by BACnet Testing Laboratories (BTL)
- Manage up to 4 DIII-Net systems
  - Option Board (DAM411B51) required

LonWorks® features (DMS504C71)

- BMS interface based on LonTalk®
- Gateway between Daikin DIII-Net and BMS LonTalk® work station
  - Manages up to 64 indoor unit groups (128 indoor units) with network variables for each group
  - Manages 1 DIII-Net system
- Lon Interface communicates over twisted pair wire
- External Interface File (XIF) documents device information available at www.daikinac.com

BACnet/LonWorks system overview



† BACnet® is a registered trademark of American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).

‡ LonWorks® is a trademark of Echelon Corporation registered in the United States and other countries.

Daikin's BACnet, LonWorks and Modbus interface units provides control for all VRV systems.

Modbus features (DTA116A51)

- BMS interface based on Modbus (RS485)
- Gateway between Daikin DIII-Net and BMS Modbus workstation
  - Manages up to 16 VRV indoor units connected to up to 2 outdoor units
- Modbus interface communicates via Modbus RTU

VRV monitoring services

D-NET Air Conditioning Network Service System

Save energy. Protect your equipment investment. Maintain comfort levels.

D-NET connects your equipment to our monitoring center over the web. We continually monitor more than 80 data points in your equipment*, so we know exactly how your systems are performing. We also monitor outside conditions from more than 400 locations across the United States and Canada, so we know what kind of weather you're up against. Putting this information together, we know if your systems can be optimized remotely to reduce your energy consumption.

D-NET Air Conditioning Network Service System overview

* For an I/F unit, one of the following can be selected: Local Controller, intelligent Touch Controller, or intelligent touch Manager.

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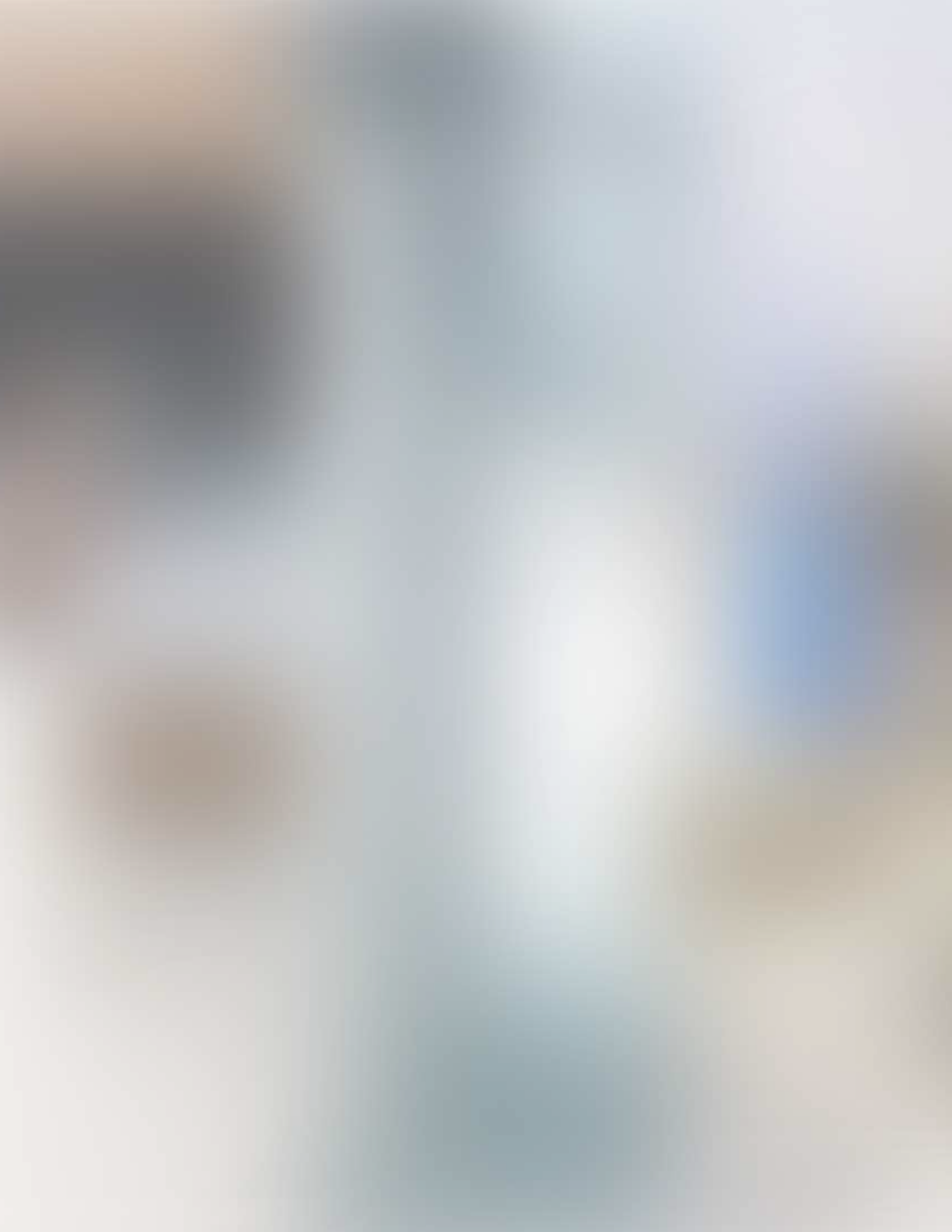

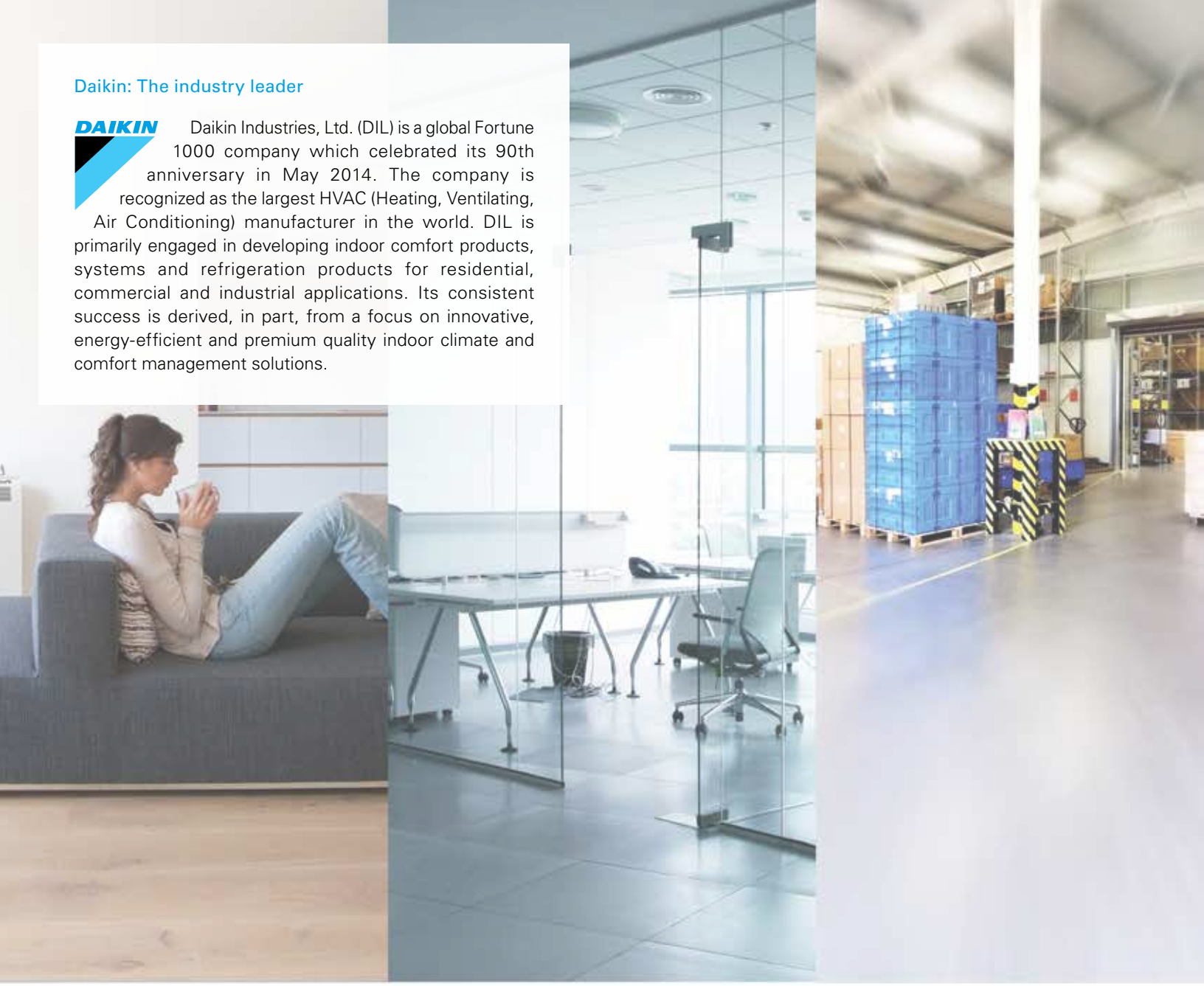

Daikin: The industry leader

Daikin Industries, Ltd. (DIL) is a global Fortune 1000 company which celebrated its 90th anniversary in May 2014. The company is recognized as the largest HVAC (Heating, Ventilating, Air Conditioning) manufacturer in the world. DIL is primarily engaged in developing indoor comfort products, systems and refrigeration products for residential, commercial and industrial applications. Its consistent success is derived, in part, from a focus on innovative, energy-efficient and premium quality indoor climate and comfort management solutions.

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.