













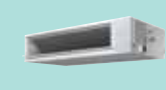




Single-Split Inverter Series

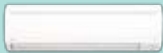
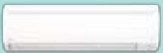




























R410A

RZR-0215-A

Single-Split Inverter Series

	Capacity	hp*	1.0	1.5	2.0	2.5	
		kW*	25	35	50	60	
Indoor Model	Wall Mounted						
	Ceiling Cassette <4 Way Flow>/ Ceiling Cassette <Round Flow>						
			FFR10CV1	FFR15CV1	FCQ50LUV1	FCQ60LUV1	
	Ceiling Exposed						
				FLR15EV1L FLR15EV1M	FHQ50BV1G	FHQ60BV1G	
Indoor Model	Ceiling Concealed						
			FDMR10CV1M	FDMR15CV1M	FBQ50DV1	FBQ60DV1	
Simultaneous Twin Multi	Ceiling Cassette <Round Flow>						
	Ceiling Exposed						
	Ceiling Concealed						
Outdoor Model							
			RR10DV1	RR15DV1	RZR50LVVM	RZR60LVVM	
Power Source			Indoor	Indoor	Outdoor	Outdoor	

	3.0	3.5	4.0	5.0	6.0	
	71	85	100	125	140	
		 FTKS71JVMG9	 FTKS85JVMG9	 FAQ100CVEA		
 FCQ71LUV1			 FCQ100LUV1	 FCQ125LUV1		 FCQ140LUV1
 FHQ71BWV1B			 FHQ100BWV1B	 FHQ125BWV1B	 FHQ140CAVEB	
 FBQ71DV1			 FBQ100DV1	 FBQ125DV1		 FBQ140DV1
				 FCQ60LUV1X2		 FCQ71LUV1X2
				 FHQ60BWV1GX2		 FHQ71BWV1BX2
				 FBQ60DV1X2		 FBQ71DV1X2
 RZR71LVVM	 RKS71JVMG	 RKS85JVMG	 RZR100LUY1	 RZR125LUY1	 RZR140LVVM	 RZR140LUY1
Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor

* Capacity (hp) and (kW) are for ease of reference only.

What is Inverter Technology?

With the advancement of Inverter Technology, Daikin Inverter Series provides a higher energy saving compared with other conventional air conditioners.

The fixed speed compressors will run at 100% of its capacity and will stop and start automatically to maintain the desired temperature. An inverter unit will adjust its capacity to maintain a consistent temperature, therefore:

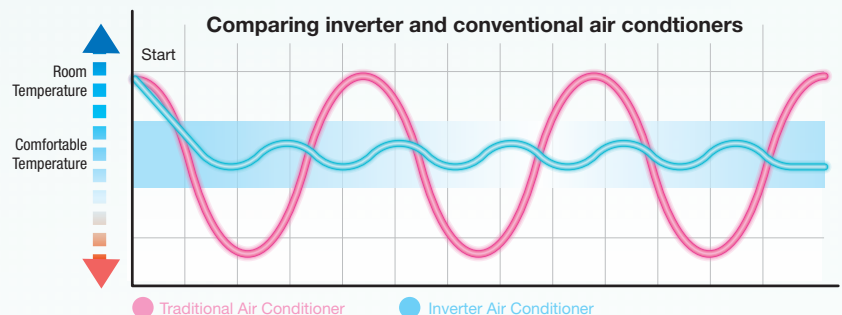
- You save a lot of energy and also money due to lower power consumption
- Longer compressor lifespan due to less start and stop cycles
- Comfortable environment without temperature fluctuations
- Reach the desired temperature quickly after start up

Wide Capacity Range

Daikin Inverter is equipped with Fuzzy Logic Control to vary the input frequency to control the compressor speed according to the room load requirements. It provides a wide range of capacity to suit your extra cooling needs even in a very hot day.

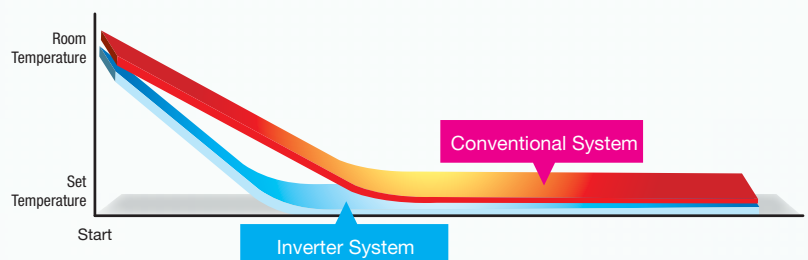
Intelligent Fuzzy Logic Control

Daikin Inverter is equipped with Fuzzy Logic Control that will calculate the temperature difference between the return air temperature and the setting temperature. Then, it will feedback to the microprocessor to maintain your desired room temperature by varying the compressor speed, thus providing a very comfortable environment.



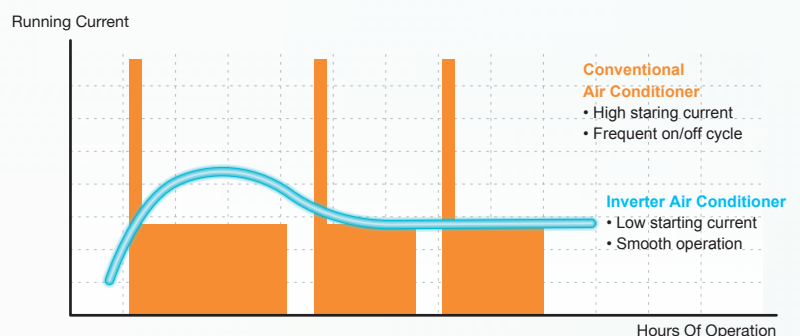
Fast Cooling

Ability to provide large capacity after the start up will allow Daikin Inverter to quickly cool down the room. Thus, providing a comfortable environment.



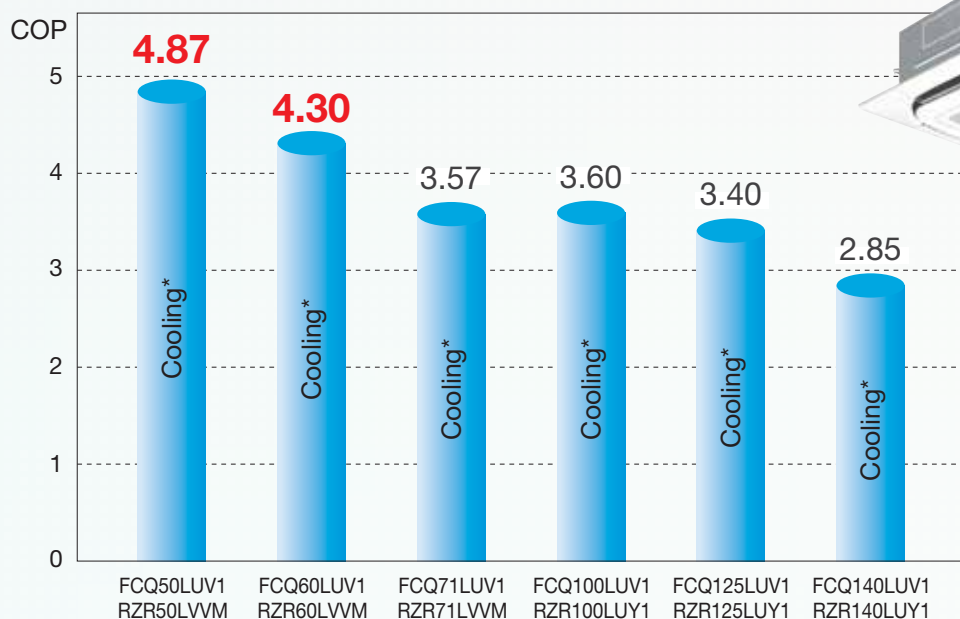
Low Starting Current

Our Inverters are designed to operate with a "soft-start" feature. The compressor motor does not require to draw high current during start up as it ramps up the speed step by step. This reduces the surge in drawing the electricity in a sudden.



Energy saving

Achieved higher COP



CEILING CASSETTE TYPE
< Round Flow >

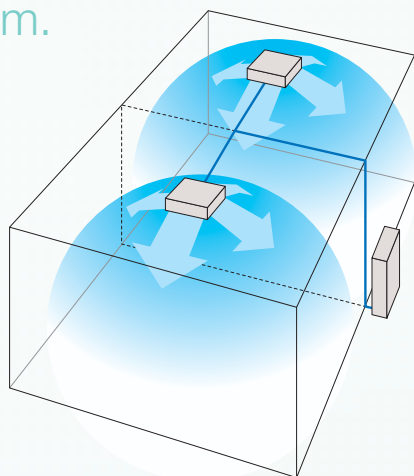
Note :
 *Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24.0°CWB. Equiv. refrigeration piping, 7.5 m (horizontal).

What is COP (Coefficient of Performance)

COP is equal to capacity (kW) divided by power consumption (kW), and the larger the COP value, the higher the energy efficiency, enabling cooling and heating with less electricity and increasing the energy saving performance.

Simultaneous twin multi operation

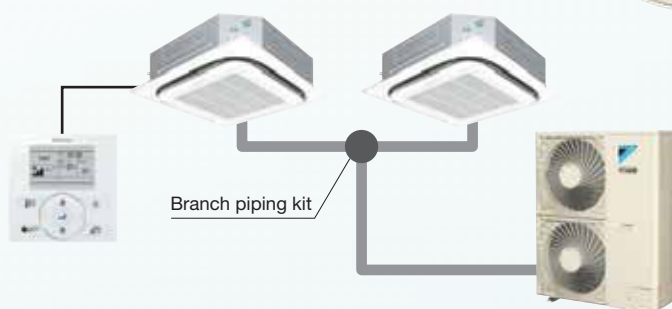
Comfortable currents of air are sent to every corner of the room.



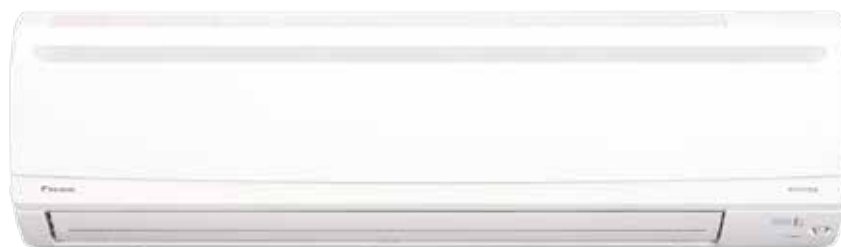
For example, four indoor units are judiciously spaced in this wide single-floor restaurant to deliver comfortable currents of air to every corner of the room.



2 sets of Twin Multi

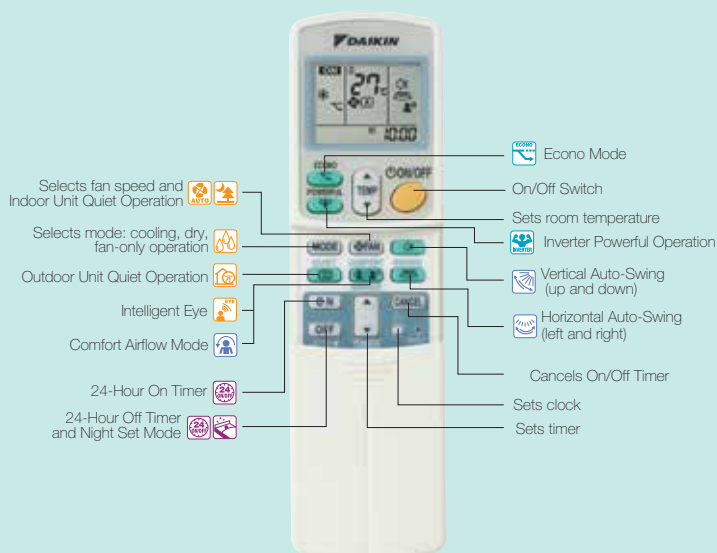


Refrigerant branch piping kit for Twin Multi operation



FTKS71/85J

Wireless Remote Controller for FTKS71/85J



Intelligent Eye

Intelligent Eye prevents energy wastage by using its infrared sensor to detect human movement in a room. When there is no movement, Intelligent Eye increases the temperature by 2°C to give energy savings. This reduces energy wastage if, for example, you forget to turn off the air conditioner. This function can be conveniently activated from the remote controller.

Once Intelligent Eye is set, it continues to work to save energy. You do not need to push the SENSOR button each time you wish to use this function.



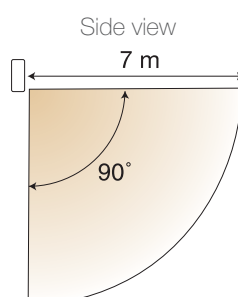
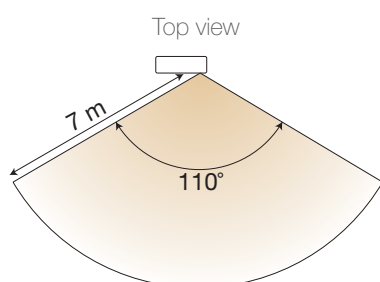
When you are in the room, the air conditioner maintains the set temperature.



If Intelligent Eye detects no human movement for 20 minutes, it automatically adjusts the set temperature by 2°C.



When you enter the room, Intelligent Eye automatically returns the temperature to the set level.



The Intelligent Eye indicator lights when movement is detected.

Intelligent Eye sensor



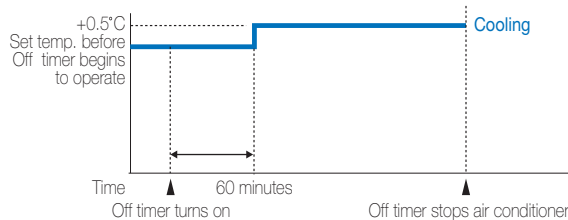
Inverter Powerful Operation

Inverter Powerful Operation boosts cooling performance for a 20-minute period. This is convenient both when you first turn on your air conditioner and when you want to quickly change the temperature during operation.



Night Set Mode

Pressing the Off timer button automatically selects Night Set Mode. This function prevents excessive cooling for a pleasant sleep. Room temperature is raised by 0.5°C after 60 minutes.



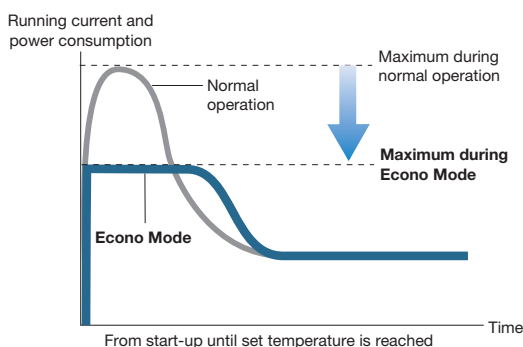
Cooling operation: Room temperature is raised by 0.5°C after 60 minutes.



Econo Mode

This function limits both the maximum running current and maximum power consumption. It is particularly effective if the cooling load is high, for example, at start-up or during large gatherings and periods of direct sunshine.

Econo Mode is also useful for preventing circuit breakers from being overloaded during temporary peaks in the running current. The function is easily activated from the remote controller by pushing the ECONO button.



- This diagram is a representation for illustrative purposes only.
- Maximum capacity decreases during Econo Mode, requiring more time to reach the set temperature.



Indoor Unit On/Off Switch

The unit can be conveniently started manually in the event the wireless remote controller is misplaced or the wireless remote controller batteries are not charged.



Indoor Unit On/Off Switch

Easy to Coordinate

Daikin has always focused on creating sleek, modern air conditioners that coordinate smoothly with any type of interior decor. This concept has taken a major step forward with the versatile grilleless flat panel design.



Wipe-Clean Flat Panel

Flat panel models can be cleaned instantly with a single wipe of a cloth across their smooth surface. If more thorough cleaning is required, the panel can also be easily removed from the unit.



Conventional Front Grille Design

The diagram shows a cross-section of a grille with dust particles (represented by small circles) trapped in the mesh. Arrows indicate airflow being blocked by the dust.

1. Difficult to remove dust on the grille through wiping alone
2. Reduced capacity due to increased suction resistance
3. High sound pressure levels due to increased suction resistance

Front grille design units collect dust on their air inlet grilles unless these grilles are cleaned regularly.

FAQ100C **New**

Wired LCD Remote Controller

**BRC1C61**

Note: Remote controller cable not included.
Cables must be procured locally.

Navigation Remote Controller (Wired Remote Controller)

**BRC1E62**

Note: Remote controller cable not included.
Cables must be procured locally.

Wireless LCD Remote Controller

**BRC7EB519**

A signal receiver must be added to the indoor unit.



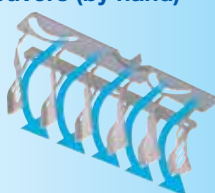
Signal receiver unit (Installed type)
Wireless remote controller and signal receiver unit are sold as a set.

Comfortable

- Auto swing (up and down) and wide-angle louvers (left and right by hand) facilitate even room temperature

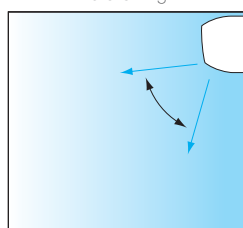
Wide-angle louvers (by hand)

Soft material louver bends airflow over a wider area

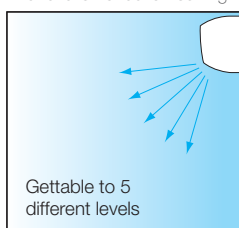


- An air discharge modes ensure comfortable air distribution across the entire room

Auto-swing



5-level air direction setting

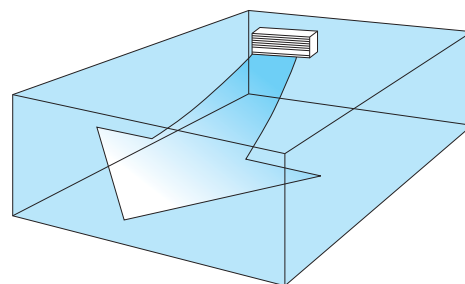


Gettable to 5 different levels

- Two selectable temperature-sensors distribution across the entire room

- Switchable fan speed: High/Middle/Low

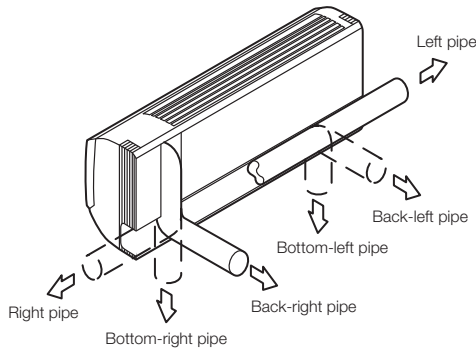
- Comfort even on the far side of the room
To carry air to the far side of long rooms, extra-high airflow adds 10% more fan speed the "high" setting. Air discharge strength is selected from the remote controller by field setting.



- Auto airflow rate (When BRC1E62 is used)
- Programme "Dry"
Dehumidification is microprocessor controlled to prevent abrupt and uncomfortable changes in air temperature.

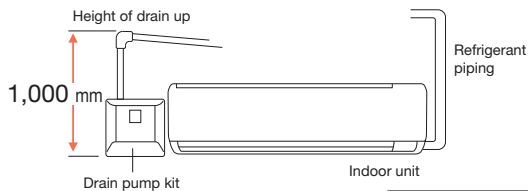
Easy installing and servicing

- 6-direction piping offers greater installation flexibility.



- Maintenance possible from the front of the unit
All maintenance tasks can be carried out via front access.
During service work, attachment and detachment of parts is easier.
- Drain pump kit is available as option.

Installs onto side of unit.



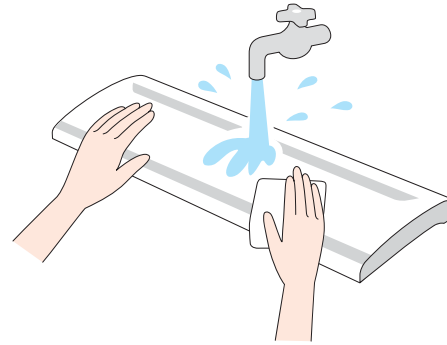
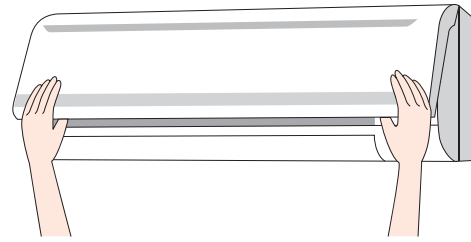
Drain pump kit can be installed on either left and right side of the air conditioner.



- Connection to a centralised control system is available without option

Easy cleaning

- Removable and washable grille



- Flat panel, easy to wipe dust off
- Non-flocking flaps
Condensation does not easily form on and dirt does not cling to non-flocking flaps. It is easy to clean.





FFR10/15C

Wireless Remote Controller



DGS01

- Compact and easy to use controller
- Prominent temperature display
- Real time clock display
- Easily accessible buttons for on/off,
- Temperature setting, fan speed and mode control.

Wired Remote Controller



DSL8M8

- Prominent temperature display.
- Real time clock display.
- Easily accessible buttons.
- Key lock function
- Real-time timer: 7 days option, 2 events daily

Exclusive 4-Way Air Flow And Auto Air Swing

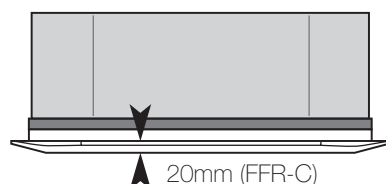
This feature is complemented by the powerful Turbo Mixed Flow Fan, cools remarkably fast and evenly to deliver extraordinary cooling efficiency.

Forced On/Off Operation

This feature enables you to operate the unit even if the remote controller is misplaced or the remote's battery is weak. Preset at 24°C cool mode, just press the forced on button for instant cooling comfort.

Elegantly Designed Panel

The slim panel can be blended into any decoration and design.



20mm (FFR-C)

Dry Mode Operation (Dehumidifying Operation)

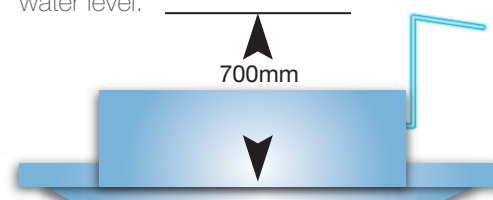
Start with cooling to dehumidify and keeps the room dry without much change in temperature.

Auto Random Restart

In the event of a sudden power failure during operation, unit can be automatically restart (subject to certain protection conditions) from last setting condition. This eliminates the need to restart manually after each power failure.

Built-In High Head Drain Pump

The unit comes with a built-in high head drain pump up to 700mm. A safety float is incorporated in the drain pump to monitor its water level.



700mm



FCQ50/60/71/100/125/140LU

Wired LCD Remote Controller



BRC1C61

Note: Remote controller cable not included.
Cables must be procured locally.

Navigation Remote Controller (Wired Remote Controller)



BRC1E62

Note: Remote controller cable not included.
Cables must be procured locally.

Wireless LCD Remote Controller



BRC7F633F

A signal receiver must be added to the indoor unit.



Signal receiver unit
(Installed type)

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

Avoids uneven temperature and discomfort caused by drafts.

- 360° airflow with uniform temperature distribution
- Air movement is gentle with Round Flow Enhanced Comfort



360° airflow can maintain comfort even if air discharge speed is lower.
If you raise the set temperature by 1 to 1.5°C, and velocity is decreased by 25%, you still obtain the same feeling temperature and comfort.

Adapts easily to the installation space.

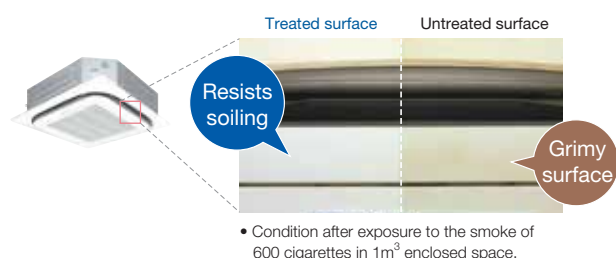
- Because air flows out from corner outlets, comfort spreads more widely.

Typical flow patterns			
All-round flow (E.g., installed in middle of ceiling) 4-way flow also possible.	3-way flow (E.g., installed near a wall)	L-shaped 2-way flow (E.g., installed in a corner)	Opposite 2-way flow (E.g., installed in a long room)

Note: Whatever the discharge direction, the same type of panel is used. If installing for other than all-round flow, an air discharge outlet sealing material (option) must be used to close each unused outlet. Operation sound increases when using 2-way or 3-way flow.

Grime prevention and bactericidal coating: Make cleaning easier.

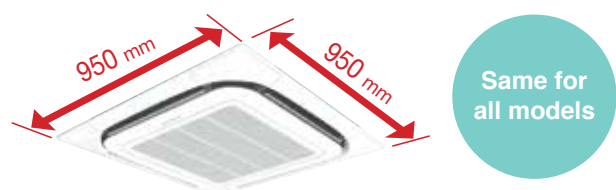
- To prevent dirt sticking to the external panels, they have been coated with a surface treatment.



- Silver ion anti-bacterial drain pan
Mould-proof drain pan includes a silver ion antibacterial agent that assists in preventing the growth of slime, bacteria, and mould that cause smells and clogging.
- Non-flocking flaps
Condensation does not easily form on and dirt does not cling to non-flocking flaps. It is easy to clean.
- Filter has anti-mould and bactericidal treatment
Prevents mould and microorganisms growing out of the dust and moisture that adheres to the filters.

- Fine square panels

Panel size is same for all models, FCQ50-140LU. It is easy to maintain a neat appearance when multiple units are installed.



Optimal comfort and convenience assured by air discharge modes

Note: Air direction is set to the standard position when the unit is shipped from the factory. The position can be changed from the remote controller.

Air direction	Standard setting	Setting to prevent soiling of ceiling*
Desired situation	Standard position to prevent draft.	Recommended for shops with light coloured ceilings that must be kept spotless.
Auto-swing	Auto-swing between 15° and 60°	Auto-swing between 25° and 60°
5-levels air direction setting	Settable to 5 different levels between 15° and 60°	Settable to 5 different levels between 25° and 60°
Auto air direction control	The air direction is set automatically to the memorised position of the previous air direction.	

* Closing of the corner discharge outlets is recommended.

- Suitable for high ceilings
Even in spaces with high ceilings, a comfortable airflow is carried down to the floor level.
- Criteria for ceiling height and number of air discharge outlets (Ceiling height is reference value)

		Number of air discharge outlets used							
		50LU-71LU				100LU-140LU			
		All round flow	4-way flow	3-way flow	2-way flow	All round flow	4-way flow	3-way flow	2-way flow
Ceiling height	Standard	2.7 m	3.1 m	3.0 m	3.5 m	3.2 m	3.4 m	3.6 m	4.2 m
	High ceiling ①	3.0 m	3.4 m	3.3 m	3.8 m	3.6 m	3.9 m	4.0 m	4.2 m
	High ceiling ②	3.5 m	4.0 m	3.5 m	-	4.2 m	4.5 m	4.2 m	-

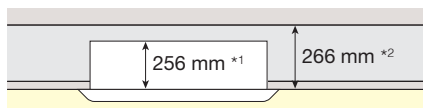
Note: Factory settings are for standard ceiling height and all-round flow.

High ceiling settings (1) and (2) are set with the remote controller by field setting.

- Two selectable temperature-sensors
Both indoor unit and wired remote controller (option) contain temperature-sensors. Temperature sensing can be set at the unit or, to further improve comfort level, closer to the target area at the wired remote control. This feature must be set during commissioning by the technicians.
* Temperature-sensor on indoor unit must be used when the air conditioner is controlled from another room.
**Wireless remote controller does not have a temperature-sensor.
- Switchable fan speed: High/Low
High setting provides maximum reach while low setting minimises drafts.
- On/Off timer
Operation starts when the preset time of the ON timer elapses and stops when the preset time of the OFF timer elapses.

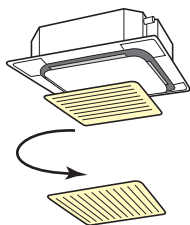
Quick and easy to install

- Just 256 mm high. Installable in tight ceiling spaces (50LU-71LU)

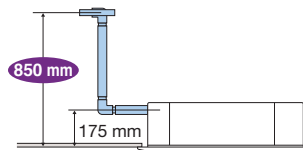


*1 298 mm high with 100LU-140LU
*2 308 mm high with 100LU-140LU

- Easy height adjustment
Each corner of the unit has an Adjuster Pocket that lets you easily adjust the unit's suspended height.
Note: If the wireless remote control option is installed, a light receptor unit is housed in one of the adjuster pockets.
- All models can be installed without using lifter because of the light weight.
- Connection to a centralised control system is available without option
- Low gas pressure detection
- Installable in any direction
Since the orientation of the intake grill can be adjusted after installing, the direction of the intake grill lines can be unified when multiple units are installed.



- Drain pump is equipped as standard accessory with 850 mm lift.



- Transparent drain socket
Because the drain socket is transparent, after the drain piping has been installed, it is easy to check if the drain come out through the socket.



Easier to maintain

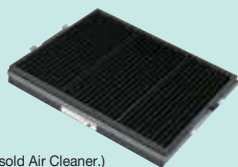
- The condition of the drain pan and drain water can be checked by removing the drain plug and intake grille.
Just open the intake grille!
- With Ultra long-life filters (option), maintenance is not required in normal shops or offices for up to four years.



Options required for specific operating environments

Ultra long-life filter

Even in smoky environments where the air conditioning is on most of the time, the ultra long-life filter only has to be changed once a year.



Smoky atmosphere: annual filter change

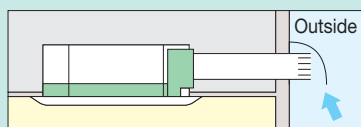
* For dust concentration of 0.3 mg/m³ (Requires separately sold Air Cleaner.)
1 year (Approx. 5,000 hr) \approx 15 hr/day x 28 day/month x 12 month/year

Ordinary store or office: filter change every 4 years

* For dust concentration of 0.15 mg/m³
4 years (Approx. 10,000 hr) \approx 8 hr/day x 25 day/month x 4 years

Fresh air intake kit

Using this kit, a duct can be fitted to increase the intake of outdoor air.



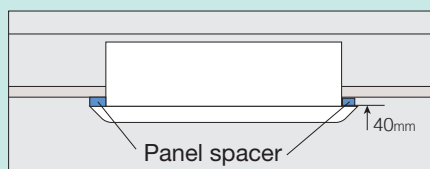
- Note:
- * Connecting ducts, insect nets, fire dampers, air filters, and other parts should, as required, be procured locally.
 - ** Outside Air fan interlocked with air conditioning unit is necessary. Optional PCB(KRP1C63) is required for interlocking.
 - *** It is recommended that the volume of outdoor air introduced through the kit is limited to 10% of the maximum airflow rate of the indoor unit. Introducing higher quantities will increase the operating sound and may also influence temperature sending.

High-efficiency filter

Available in two types: 65% and 90% colorimetry.

Panel spacer

Use when only minimal space is available between drop ceilings and ceiling slabs.



Note: Some ceiling constructions may hinder installation.
Contact your Daikin Dealer before installing your unit.

Sealing material of air discharge outlet

Sealing material block air discharge openings not used in 2-way or 3-way blow.

Branch duct (direct-connection round duct)

A round duct can be attached without the need for a chamber.

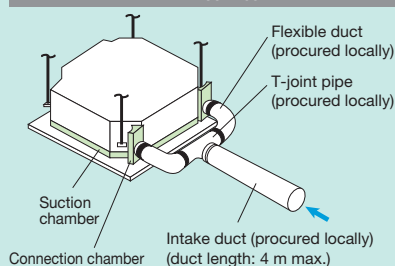
A flanged port for direct connection of a round duct is provided. An existing branch duct chamber can also be fitted (square slit hole).

The units can be installed in the following different ways.

Chamber type

(without T-joint pipe and fan)

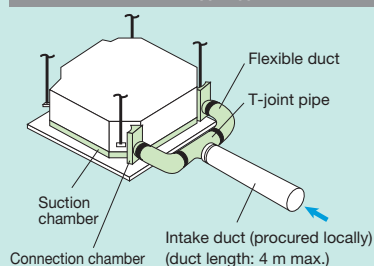
KDDP55B160



Chamber type

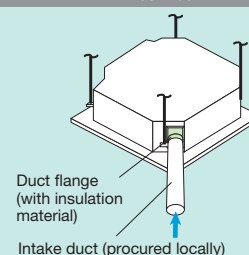
(with T-joint pipe and without fan)

KDDP55B160K



Direct installation type

KDDP55X160



Note: Use of options will increase operating sound.



FLR15E

Wireless Remote Controller



DGS01

- Compact and easy to use controller
- Prominent temperature display
- Real time clock display
- Easily accessible buttons for on/off,
- Temperature setting, fan speed and mode control.

Wired Remote Controller



DSLM8

- Prominent temperature display.
- Real time clock display.
- Easily accessible buttons.
- Key lock function
- Real-time timer: 7 days option, 2 events daily

Automatic Up and Down Air Swing

The motorized louver enables the air flow to be evenly distributed.

Ceiling and Wall Installation Option

The FLR-E model is uniquely designed with the option to install either below the ceiling or mounted at low wall position to suit any interior design requirement.



* Wall bracket supplied as optional item

Quiet Operation

Indoor noise level is kept at minimal by high efficient indoor fan.

Last Memory

The unit restarts with the last restored setting when power resumes.

Excellent Air Distribution

The front vanes can be adjusted in four different directions giving you the control over the unit's air to suit your preferences.



Auto Random Restart

It enables the units to restart automatically at different intervals when power resumes after a blackout.

Strong and Robust

The unit is built of rust resistant materials and robust parts to ensure a long-lasting reliable service.



FHQ50/60/71BV



FHQ100/125BV


FHQ140CA **New**

Wired LCD Remote Controller


BRC1C61

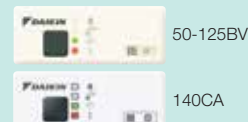
Note: Remote controller cable not included. Cables must be procured locally.

Navigation Remote Controller (Wired Remote Controller)


BRC1E62

Note: Remote controller cable not included. Cables must be procured locally.

Wireless LCD Remote Controller


50-125BV **BRC7EA66**
140CA **BRC7GA56**


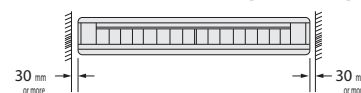
Wireless remote controller and signal receiver unit are sold as a set.

Comfortable

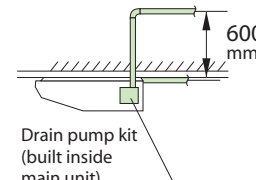
- Auto swing (up and down) and louvers (left and right by hand) bring comfort to the room
- Louver manually adjusts for straight or wide angle airflow
 
- Installable on ceilings 3.5 m high (FHQ50-125BV)
- Two selectable temperature-sensors
Both indoor unit and wired remote controller (option) contain temperature-sensors. Temperature sensing can be set at the unit or, to further improve comfort level, closer to the target area at the wired remote control. This feature requires initial setting by the installer.
 - * Temperature-sensor on indoor unit must be used when the air conditioner is controlled from another room.
 - ** Wireless remote controller does not have a temperature-sensor.
- Switchable fan speed: High/Low (FHQ50-125BV)
- Programme "Dry"
Dehumidification is a microprocessor controlled to prevent abrupt and uncomfortable changes in air temperature.

Installation flexibility for freedom of design

- Flexible installation
The unit fits more snugly into tight spaces.



*Water used in the test-run can now be drained from the air discharge opening rather than from the side as was formerly the case.

- Drain pump kit (option) can be easily incorporated
Drain pipe connection can be done inside the unit. refrigerant and drain pipe outlets are at the same opening.
 

- All wiring and internal servicing can be done from under the unit
- Pipes more easily rigged
- Low gas pressure detection



FDMR 10/15C



DSLM8

Wired Remote Controller

- Prominent temperature display.
- Real time clock display.
- Easily accessible buttons.
- Key lock function
- Real-time timer: 7 days option, 2 events daily

Hidden Comfort

The application of the FDMR series are installed conveniently above the ceiling, making it an ideal cooling choice for both commercial and residential segments. Highly recommended for restaurants, offices and houses with enough ceiling height.

Evergreen Prestige

Unlike other indoor units split air-conditioning, FDMR series won't tarnish along with time. With its unique concealed application, FDMR series stays evergreen forever.

Even Air Distribution

The ducting system distributes air flow remarkably even to all corners of the room, delivering option cooling efficiency and comfort.





FBQ50/60/71/100/125/140D

Wired LCD Remote Controller



BRC1C61

Note: Remote controller cable not included.
Cables must be procured locally.

Navigation Remote Controller (Wired Remote Controller)



BRC1E62

Note: Remote controller cable not included.
Cables must be procured locally.

Wireless LCD Remote Controller



BRC4C64

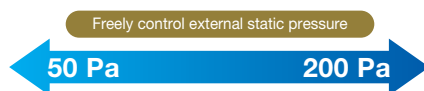


Signal receiver unit
(Separate type)

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

Increased freedom of design thanks to variable control over external static pressure

- Comfort airflow achieved in accordance with conditions such as duct length.
Using a DC fan motor, the external static pressure can be controlled within a range of 50 Pa to 200 Pa.



Set to low static pressure when ducts are short.

Set to high static pressure for advanced needs such as when using dampers and long ducts.

Easy maintenance

Maintenance is easy because the drain pan can be removed.

Clean

- Silver ion anti-bacterial drain pan
Mould-proof drain pan includes a silver ion antibacterial agent that assists in preventing the growth of slime, bacteria, and mould that cause smells and clogging.

Reduced installation time

- Use remote controller to adjust airflow
When testing standard integrated ceiling units that employ duct work, much time used to be required to adjust airflow to the right level. Thanks to the ability provided by Daikin to automatically perform this troublesome adjustment using a remote controller, this step is now quick and easy. (Adjust by H tap.)
1. Adjust to approximately $\pm 10\%$ of the rated H tap airflow.
2. Once actual operation has begun, adjustment of the rated airflow is not possible.
- Easier connection with the centralised control system

Comfortable

- Two selectable temperature-sensors
Both indoor unit and wired remote controller (option) contain temperature-sensors. Temperature sensing can be set at the unit or, to further improve comfort level, closer to the target area at the wired remote control.

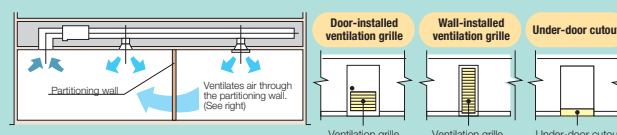
This feature requires initial setting by the installer.

* Temperature-sensor on indoor unit must be used when the air conditioner is controlled from another room.

** Wireless remote controller does not have a temperature-sensor.

Simultaneous air conditioning of two rooms and ventilation grille (ventilation opening)

When air conditioning two rooms simultaneously, the air discharged into each room must be circulated back to the air conditioner. To achieve this, a ventilation duct should be installed for each room or one of the indicated ventilation grilles should be installed on the partitioning wall or under the door between the rooms.

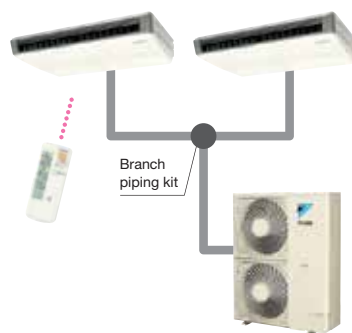


Note: The under-door cutout method should be used only when there is a small volume of airflow.

New types of Twin Multi series indoor units are now available!



FCQ60/71LUV1x2



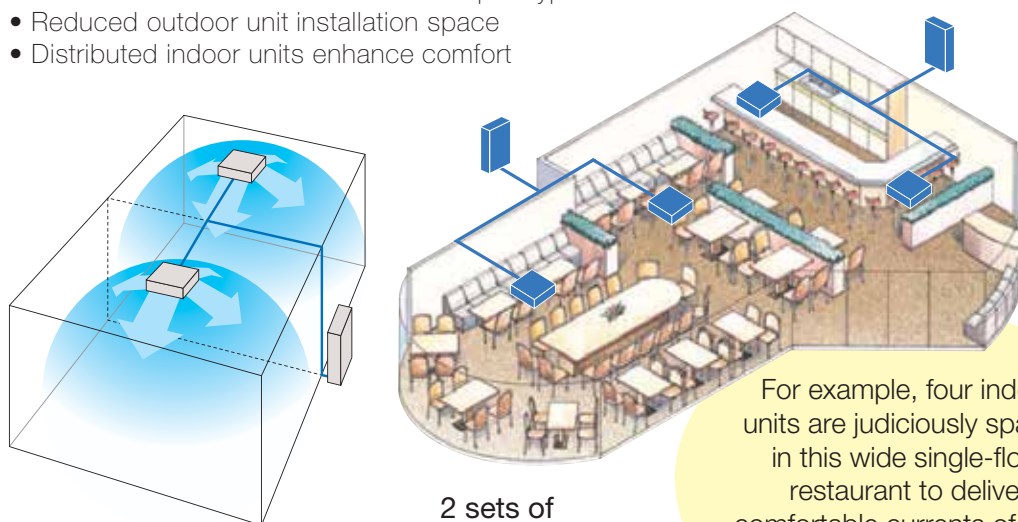
**FHQ60BWW1G x2
FHQ71BWW1B x2**



FBQ60/71DV1x2

Twin Multi for comfort and economy

- Lower installation cost than individual pair type
- Reduced outdoor unit installation space
- Distributed indoor units enhance comfort

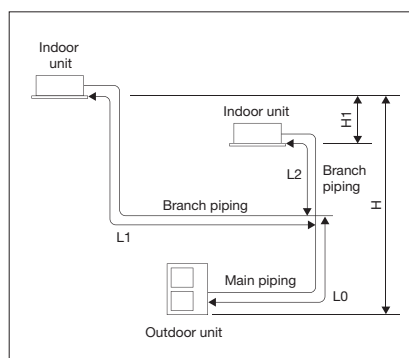


**2 sets of
Twin Multi**

For example, four indoor units are judiciously spaced in this wide single-floor restaurant to deliver comfortable currents of air to every corner of the room.

Piping guideline

Outdoor unit	RZR125/140LUY1
Max. piping length	$L0 + L1 + L2 \leq 60 \text{ m}$
One-way max. piping length or gas piping)	$L0 + L1 \leq 50 \text{ m}$ (In case of $L1 > L2$)
Max. branch piping length	$L1, L2 \leq 20 \text{ m}$
Max. difference of branch piping length	$L1 - L2 \leq 10 \text{ m}$ (In case of $L1 > L2$)
Max. level difference between indoor units	$H1 \leq 0.5 \text{ m}$
Max. level difference between outdoor unit and indoor units	$H \leq 30 \text{ m}$



Easy-to-read LCD remote controller allows various system control configurations and can control multiple indoor units.

Remote controller options are shown on the page introducing each indoor unit model.

Navigation Remote Controller(Wired Remote Controller BRC1E62)



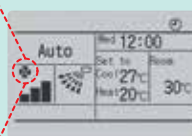
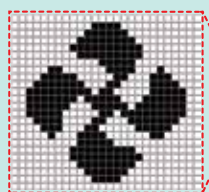
This simple, modern designed remote controller with fresh white colour matches your interior design. Operation is much easier and smoother, just follow the indications on the navigation remote controller.

NEW

Clear Display

Dot matrix display

A combination of fine dots enables various icons. Large text display is easy to see.



Backlight display

Energy saving

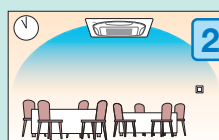
NEW Setpoint auto reset

- Even if the set temperature is changed, it returns to the preset temperature after a preset period of time.
- Period selectable from 30min/60min/90min/120min.

Restaurant sample

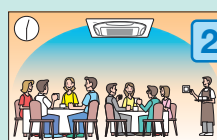
Restaurant opened

Temperature is set to 27°C



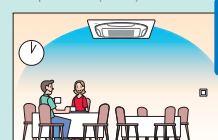
Full tables at lunchtime

Then is lowered to 24°C for crowded room



After 30 minutes*

Automatically returns to preset temperature (27°C)



Returns to 27°C automatically

*Setting possible for after 30, 60, 90, and 120 minutes.

Off timer (programmed)

- Sets and saves setting for an increment of time that automatically turns off air conditioner after a preset period of time for each time operation starts.
- Period can be preset from 30 to 180 minutes in 10-minute increments.

NEW Setpoint range set

- Saves energy by limiting the min. and max. set temperature.
- Avoids excessive heating or cooling.
- This function is convenient when the remote controller is installed at a place where any number of people may operate it.



Convenience

NEW Weekly schedule

- 5 actions per day can be scheduled for each day of the week.
- The holiday function will disable schedule timer for the days that have been set as holiday.
- 3 independent schedules can be set. (e.g. summer, winter, mid-season)

Schedule nr. 1				
	Time	Act	Cool	Heat
Mon	8:30	ON	25°C	
	10:00	OFF	—°C	—°C
	13:00	ON	25°C	
	15:00	OFF	—°C	—°C

Multilingual display

Display is available in 11 languages.
(English, German, French, Spanish, Italian, Portuguese, Greek, Dutch, Russian, Turkish, and Polish).

Wired LCD remote controller

Easy to read because of large LCD screen.



BRC1C61

- The rubber switch and the oil-resistant plastic casing are adopted for durability.
- Only 17 mm thick. Can be installed either recessed or exposed.

Wired remote controller has built-in temperature-sensor

(Applies to wired remote controllers (BRC1C61/1E62))

- Enables temperature sensing closer to target area for improved comfort. (When using remote control from another room, temperature-sensor in indoor unit's air inlet must be selected.)

LCD wireless remote controller

Light receptor mounted type



Wireless remote controller



BRC7F633F

Signal receiver unit for ceiling cassette type (round flow).

- The wireless remote controller is supplied in a set with a signal receiver.
- Shape of signal receiver unit differs according to the indoor unit.

Note: The signal receiver unit shown in the photograph is for mounting inside the decoration panel of the ceiling cassette type (round flow).

Facilitates maintenance and repair

- All initial settings can be set from the remote controller. After interior construction is complete, ceiling cassette type (round flow) can be remotely set without having to use stepladder access for manual setting. Setting contents: High ceiling use, air direction, filter type, address for centralised control (group control address is set automatically).

- Remote controller is equipped with model name and failure display functions. This facilitates service in the unlikely event of a malfunction.

(Applies to wired remote controller (BRC1E62))

SkyAir shares common control with Heat Reclaim Ventilator and the other Daikin air-conditioning units, thus simplifying interlocking operations.

Easily adaptable to large-scale, high-function, centralised remote control systems.

Installing and connecting control wiring between SkyAir and other Daikin air-conditioning equipment is easy.

LCD panel shows operating status in letters, numbers, and motion.

Airflow / swing display

Displays auto-swing operating status and setting position of air discharge angle.

Preset temperature / operation mode display

Displays preset room temperature and operating status (fan, dry, cool).

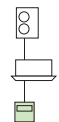

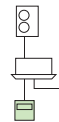
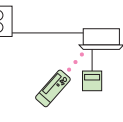
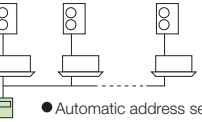
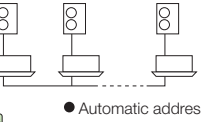


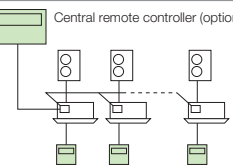
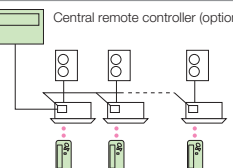
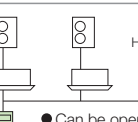
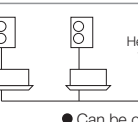
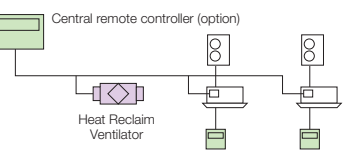
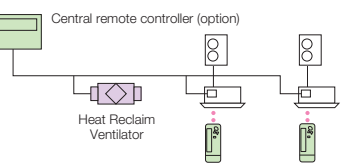
Programming time display

Operation start and stop time can be set for individual timers up to 72 hours. The LCD also shows when it is time to clean the filter, when changeover is under centralised control, and ventilation/cleaning.

Self-diagnosis function

Monitors operating status within the system covering 40 items, and displays a message to indicate as soon as a malfunction occurs.

Simple system provides a diverse assortment of control modes.

	Control pattern	Wired remote controller	Wireless remote controller
Control by 1 remote controller	(Basic system)	 <ul style="list-style-type: none"> ● Non-polar, double-core (max. wiring length 500 m) 	 <ul style="list-style-type: none"> ● Signal receiver unit installed on indoor unit
Control by 2 remote controllers	For control from 2 locations such as in room and control room, exits, etc.	 <ul style="list-style-type: none"> ● Connects 2 wired remote controllers (See note 1) 	 <ul style="list-style-type: none"> ● Control by 1 wireless remote controller and 1 wired remote controller (See note 2, 3) ● Signal receiver unit installed on indoor unit
Group control	For simultaneous control of up to 16 indoor units.	 <ul style="list-style-type: none"> ● Automatic address setting function 	 <ul style="list-style-type: none"> ● Automatic address setting function ● Signal receiver unit installed on 1 indoor unit
Control by external command	Operation and surveillance is carried out using the contact signal from the operation control box in the building surveillance (security) room.	 <ul style="list-style-type: none"> ● Optional wiring adaptor for electrical appendices is necessary 	 <ul style="list-style-type: none"> ● Optional wiring adaptor for electrical appendices is necessary
Centralised remote control	Centralised control of up to 64 indoor groups from remote location up to 1 kilometer away.	 <ul style="list-style-type: none"> ● Interface adaptor for SkyAir series (option) is required (See note 4) 	 <ul style="list-style-type: none"> ● Interface adaptor for SkyAir series (option) is required (See note 4)
Interlock control with Heat Reclaim Ventilator	Link by remote controller group control.	 <ul style="list-style-type: none"> ● Can be operated simultaneously or independently by remote controller (set by ventilation mode) 	 <ul style="list-style-type: none"> ● Can be operated simultaneously by remote controller (set by ventilation mode)
	Zone link control by centralised control.	 <ul style="list-style-type: none"> ● Heat Reclaim Ventilator for indoor units within a zone are operated by interlocking. Can also be operated independently by remote controller. 	 <ul style="list-style-type: none"> ● Heat Reclaim Ventilator for indoor units within a zone are operated by interlocking

Note: ¹BRC1E62 can connect to BRC1E62 only.

²It is not possible to use two wireless remote controllers.

³BRC1E62 cannot connect to wireless remote controller.

⁴The ceiling cassette type <Round Flow>, ceiling exposed type (140CA only), wall mounted type (FAQ100C only), and ceiling concealed type (FBQ-D) come standard with an interface adaptor for SkyAir series.

Easily adaptable to large-scale, high-function, centralised remote control system.

Central remote controller

DCS302CA61 (Option)



Centralised control, with setting as simple as it is with a standard remote controller, of up to 64 groups (1,024 indoor units) is possible.

Interface adaptor for SkyAir series

DTA112BA51 (Option)

Unified on/off controller

DCS301BA61 (Option)



Centralised control of on/off by group or all at once for up to 256 indoor units.

Enables centralised control via connection to a high-speed, DIII-NET communication system, adopted for the Daikin VRV system.
Necessary for interface adaptor for SkyAir series with the central remote control units shown at above.

Schedule timer

DST301BA61 (Option)



Unified control of weekly schedule for up to 1,024 indoor units.
Schedule timer sets on/off time in 1 minute units to be executed twice a day for a week at a time.

● The interface adaptor for the SkyAir series is optional except for the ceiling cassette type (round flow), ceiling exposed type (140CA only), wall mounted type (FAQ 100C only), and ceiling concealed type (FBQ-D).

Intelligent Controller

DCS601C51 (Option)



With its high functionality, the full colour "all-in-one" graphic controller facilitates management of SkyAir System in a variety of ways.

Specifications

WALL MOUNTED

Capacity	hp ^s		3.0	3.5
	kW ^s		71	85
Model	Indoor		FTKS71JVMG9	FTKS85JVMG9
	Outdoor		RKS71JVMG	RKS85JVMG
Rated Cooling Capacity (Min-Max)		Btu/hr	24,200 (9,200-29,700)	29,000 (10,200-33,100)
		kW	7.1 (2.7-8.7)	8.5 (3.0-9.7)
Rated Power Consumption	W		2,060	2,540
Rated Running Current	A		9.6-9.2-8.8	11.6-11.1-10.6
COP	W/W		3.45	3.35
Refrigerant	Type		R410A	
Air Flow Rate	CFM		766	812
Power Source	Outdoor	V/Ph/Hz	220-240/1/50 or 220-230/1/60	
Sound Pressure Level	Indoor (H/L/SL)	dBA	46/37/34	49/40/37
	Outdoor (H/SL)	dBA	52/49	55/52
Dimension (H X W X D)	Indoor	mm	340x1,200x240	
	Outdoor	mm	770x900x320	990x940x320
Unit Weight	Indoor	kg	17	
	Outdoor	kg	60	73
Copper Pipe Size	Liquid	mm/in	9.52 / 3/8	
	Gas	mm/in	15.88 / 5/8	

1. DUE TO PRODUCT INNOVATION, ALL SPECIFICATION ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.

2. ALL UNITS ARE BEING TESTED AND COMPLY TO INTERNATIONAL STANDARD ISO9001.

3. NOMINAL COOLING CAPACITY ARE BASED ON THE CONDITIONS BELOW:

COOLING -27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR.

4. SOUND PRESSURE LEVELS ARE MEASURED IN SOUND ROOM. SOMEHOW DURING ACTUAL OPERATION, THE SOUND PRESSURE LEVEL WILL BE HIGHER AS A RESULT OF ROOM SPECIFICATION CONDITION.

5. CAPACITY (hp) AND (kW) ARE FOR EASE OF REFERENCE ONLY.

WALL MOUNTED

Capacity	hp ^s		4.0
	kW ^s		100
Model	Indoor		FAQ100CVEA
	Outdoor		RZR100LUY1
Rated Cooling Capacity (Min-Max)		Btu/hr	34,100 (17,100-38,200)
		kW	10.0 (5.0-11.2)
Power Consumption	kW		4.20
COP	W/W		2.38
Refrigerant	Type		R410A
Air Flow Rate	CFM		918
Power Source	Outdoor	V/Ph/Hz	380-415/3/50
Sound Pressure Level	Indoor (H/L)	dBA	49/41
	Outdoor	dBA	49
Dimension (H X W X D)	Indoor	mm	340X1,200X240
	Outdoor	mm	1,170X900X320
Unit Weight	Indoor	kg	17
	Outdoor	kg	92
Copper Pipe Size	Liquid	mm/in	9.52 / 3/8
	Gas	mm/in	15.88 / 5/8

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2. ALL UNITS ARE BEING TESTED AND COMPLY TO INTERNATIONAL STANDARD ISO9001.

3. NOMINAL COOLING CAPACITY ARE BASED ON THE CONDITIONS BELOW:

COOLING -27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR.

4. SOUND PRESSURE LEVELS ARE MEASURED IN SOUND ROOM. SOMEHOW DURING ACTUAL OPERATION, THE SOUND PRESSURE LEVEL WILL BE HIGHER AS A RESULT OF ROOM SPECIFICATION CONDITION.

5. CAPACITY (hp) AND (kW) ARE FOR EASE OF REFERENCE ONLY.

Specifications

CEILING CASSETTE (4 way flow)

Capacity	hp ⁵		1.0	1.5
	kW ⁵		25	35
Model	Indoor		FFR10CV1	FFR15CV1
	Outdoor		RR10DV1	RR15DV1
Rated Cooling Capacity (Min-Max)	Btu/hr	9,500 (3,650-12,000)		12,500 (4,800-14,000)
		W		3,660 (1,410-4,100)
Total Power (Min-Max)	W		770 (300-1,202)	940 (343-1,230)
Total Current (Min-Max)	A		4.08 (1.66-5.53)	4.45 (2.01-5.63)
EER	Btu/hr/W		12.34	13.30
Refrigerant	Type		R410A	
Air Flow Rate	CFM		400	410
Power Source	Indoor	V/Ph/Hz	220-240/1/50	
Sound Pressure Level	Indoor (H/L)	dBA	44/38	45/38
	Outdoor	dBA	48	
Dimension (With Panel) (H X W X D)	Indoor	mm	250x570x570 (295x640x640)	
	Outdoor	mm	550x765x285	
Unit Weight	Indoor+Panel	kg	16+2	
	Outdoor	kg	31	33
Copper Pipe Size	Liquid	mm/in	6.35 / 1/4	
	Gas	mm/in	9.52 / 3/8	12.7 / 1/2

1. DUE TO PRODUCT INNOVATION, ALL SPECIFICATION ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
2. ALL UNITS ARE BEING TESTED AND COMPLY TO INTERNATIONAL STANDARD ISO5151.
3. NOMINAL COOLING CAPACITY ARE BASED ON THE CONDITIONS BELOW:
COOLING -27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR.
4. SOUND PRESSURE LEVELS ARE MEASURED IN SOUND ROOM. SOMEHOW DURING ACTUAL OPERATION, THE SOUND PRESSURE LEVEL WILL BE HIGHER AS A RESULT OF ROOM SPECIFICATION CONDITION.
5. CAPACITY (hp) AND (kW) ARE FOR EASE OF REFERENCE ONLY.

CEILING CASSETTE (round flow)

Capacity	hp ⁵		2.0	2.5	3.0	4.0	5.0	6.0
	kW ⁵		50	60	71	100	125	140
Model	Indoor		FCQ50LUV1	FCQ60LUV1	FCQ71LUV1	FCQ100LUV1	FCQ125LUV1	FCQ140LUV1
	Outdoor		RZR50LVVM	RZR60LVVM	RZR71LVVM	RZR100LUY1	RZR125LUY1	RZR140LUY1
Rated Cooling Capacity (Min-Max)		Btu/hr	17,100 (7,900-19,100)	20,500 (8,900-21,500)	24,200 (10,900-27,300)	34,100 (17,100-38,200)	42,700 (19,500-47,800)	47,800 (21,200-52,600)
		kW	5.0 (2.3-5.6)	6.0 (2.6-6.3)	7.1 (3.2-8.0)	10.0 (5.0-11.2)	12.5 (5.7-14.0)	14.0 (6.2-15.4)
Power Consumption		kW	1.03	1.40	1.99	2.78	3.68	4.91
COP		W/W	4.87	4.30	3.57	3.6	3.40	2.85
Refrigerant		Type	R410A					
Air Flow Rate		CFM	741			1,130	1,165	
Power Source	Outdoor	V/Ph/Hz	220-240/1/50			380-415/3/50		
Sound Pressure Level	Indoor (H/L)	dBA	35/28			43/32	44/34	44/36
	Outdoor	dBA	48			49	50	
Dimension (With Panel) (H X W X D)	Indoor	mm	256x840x840 (296x950x950)			298x840x840 (338x950x950)		
	Outdoor	mm	595x845x300			1,170x900x320		
Unit Weight	Indoor+Panel	kg	21+5.5			24+5.5		
	Outdoor	kg	43			92	97	
Copper Pipe Size	Liquid	mm/in	9.52 / 3/8					
	Gas	mm/in	15.88 / 5/8					

1. DUE TO PRODUCT INNOVATION, ALL SPECIFICATION ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
2. ALL UNITS ARE BEING TESTED AND COMPLY TO INTERNATIONAL STANDARD ISO9001.
3. NOMINAL COOLING CAPACITY ARE BASED ON THE CONDITIONS BELOW:
COOLING -27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR.
4. SOUND PRESSURE LEVELS ARE MEASURED IN SOUND ROOM. SOMEHOW DURING ACTUAL OPERATION, THE SOUND PRESSURE LEVEL WILL BE HIGHER AS A RESULT OF ROOM SPECIFICATION CONDITION.
5. CAPACITY (hp) AND (kW) ARE FOR EASE OF REFERENCE ONLY.

Specifications

CEILING EXPOSED

Capacity	hp ^s		1.5
	kW ^s		35
Model	Indoor	Wireless	FLR15EV1L
		Wired	FLR15EV1M
	Outdoor		RR15DV1
Rated Cooling Capacity (Min-Max)		Btu/hr	12,500 (5,400-14,000)
		W	3,660 (1,580-4,100)
Total Power (Min-Max)		W	910 (374-1,252)
Total Current (Min-Max)		A	4.32 (2.03-5.72)
EER		Btu/hr/W	13.74
Refrigerant		Type	R410A
Air Flow Rate		CFM	508
Power Source	Indoor	V/Ph/Hz	220-240/1/50
Sound Pressure Level	Indoor (H/L)	dBA	46/35
	Outdoor	dBA	48
Dimension (H X W X D)	Indoor	mm	218x1,080x630
	Outdoor	mm	550x765x285
Unit Weight	Indoor	kg	24
	Outdoor	kg	33
Copper Pipe Size	Liquid	mm/in	6.35 / 1/4
	Gas	mm/in	12.7 / 1/2

1. DUE TO PRODUCT INNOVATION, ALL SPECIFICATION ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
2. ALL UNITS ARE BEING TESTED AND COMPLY TO INTERNATIONAL STANDARD ISO5151.
3. NOMINAL COOLING CAPACITY ARE BASED ON THE CONDITIONS BELOW:
COOLING -27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR.
4. SOUND PRESSURE LEVELS ARE MEASURED IN SOUND ROOM. SOMEHOW DURING ACTUAL OPERATION,
THE SOUND PRESSURE LEVEL WILL BE HIGHER AS A RESULT OF ROOM SPECIFICATION CONDITION.
5. CAPACITY (hp) AND (kW) ARE FOR EASE OF REFERENCE ONLY.

CEILING EXPOSED

Capacity	hp ^s		2.0	2.5	3.0	4.0	5.0	6.0
	kW ^s		50	60	71	100	125	140
Model	Indoor		FHQ50BVV1G	FHQ60BVV1G	FHQ71BVV1B	FHQ100BVV1B	FHQ125BVV1B	FHQ140CAVEB
	Outdoor		RZR50LVVM	RZR60LVVM	RZR71LVVM	RZR100LUY1	RZR125LUY1	RZR140LVVM
Rated Cooling Capacity (Min-Max)		Btu/hr	17,100 (7,900-19,100)	20,500 (8,900-21,500)	24,200 (10,900-27,300)	34,100 (17,100-38,200)	42,700 (19,500-47,800)	45,400 (21,200-52,600)
		kW	5.0 (2.3-5.6)	6.0 (2.6-6.3)	7.1 (3.2-8.0)	10.0 (5.0-11.2)	12.5 (5.7-14.0)	13.3 (6.2-15.4)
Power Consumption		kW	1.39	1.69	2.50	3.51	4.55	4.68
COP		W/W	3.60	3.56	2.84	2.85	2.75	2.84
Refrigerant		Type	R410A					
Air Flow Rate		CFM	600			847	1,059	1,200
Power Source	Outdoor	V/Ph/Hz	220-240/1/50			380-415/3/50		220-240/1/50
Sound Pressure Level	Indoor (H/L)	dBA	39/35			42/37	44/39	46/38
	Outdoor	dBA	48			49	50	
Dimension (H X W X D)	Indoor	mm	195x1,160x680			195x1,400x680	195x1,590x680	235x1,590x690
	Outdoor	mm	595x845x300			1,170x900x320		
Unit Weight	Indoor	kg	27			32	35	38
	Outdoor	kg	43			92	97	
Copper Pipe Size	Liquid	mm/in	9.52 / 3/8					
	Gas	mm/in	15.88 / 5/8					

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2. ALL UNITS ARE BEING TESTED AND COMPLY TO INTERNATIONAL STANDARD ISO9001.
3. NOMINAL COOLING CAPACITY ARE BASED ON THE CONDITIONS BELOW:
COOLING -27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR.
4. SOUND PRESSURE LEVELS ARE MEASURED IN SOUND ROOM. SOMEHOW DURING ACTUAL OPERATION,
THE SOUND PRESSURE LEVEL WILL BE HIGHER AS A RESULT OF ROOM SPECIFICATION CONDITION.
5. CAPACITY (hp) AND (kW) ARE FOR EASE OF REFERENCE ONLY.

Specifications

CEILING CONCEALED

Capacity (hp)	hp ^s		1.0	1.5
	kW ^s		25	35
Model	Indoor		FDMR10CV1M	FDMR15CV1M
	Outdoor		RR10DV1	RR15DV1
Rated Cooling Capacity (Min-Max)		Btu/hr	9,200 (4,100-10,500)	12,500 (4,600-14,000)
		W	2,700 (1,200-3,080)	3,660 (1,350-4,100)
Total Power (Min-Max)		W	794 (338-1,230)	1,109 (432-1,270)
Total Current (Min-Max)		A	4.22 (1.86-5.74)	4.69 (2.27-5.84)
EER		Btu/hr/W	11.59	11.27
Refrigerant		Type	R410A	
Air Flow Rate		CFM	327	410
Power Source	Indoor	V/Ph/Hz	220-240/1/50	
Sound Pressure Level	Indoor (H/L)	dBA	35/26	37/29
	Outdoor	dBA	48	
Dimension (H X W X D)	Indoor	mm	261x905x411	
	Outdoor	mm	550x765x285	
Unit Weight	Indoor	kg	21	
	Outdoor	kg	31	33
Copper Pipe Size	Liquid	mm/in	6.35 / 1/4	
	Gas	mm/in	9.52 / 3/8	12.7 / 1/2

1. DUE TO PRODUCT INNOVATION, ALL SPECIFICATION ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
2. ALL UNITS ARE BEING TESTED AND COMPLY TO INTERNATIONAL STANDARD ISO13253.
3. NOMINAL COOLING CAPACITY ARE BASED ON THE CONDITIONS BELOW:
COOLING -27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR.
4. SOUND PRESSURE LEVELS ARE MEASURED IN SOUND ROOM. SOMEHOW DURING ACTUAL OPERATION,
THE SOUND PRESSURE LEVEL WILL BE HIGHER AS A RESULT OF ROOM SPECIFICATION CONDITION.
5. CAPACITY (hp) AND (kW) ARE FOR EASE OF REFERENCE ONLY.

CEILING CONCEALED

Capacity			hp ^s	2.0	2.5	3.0	4.0	5.0	6.0
			kW ^s	50	60	71	100	125	140
Model			Indoor	FBQ50DV1	FBQ60DV1	FBQ71DV1	FBQ100DV1	FBQ125DV1	FBQ140DV1
			Outdoor	RZR50LVVM	RZR60LVVM	RZR71LVVM	RZR100LUY1	RZR125LUY1	RZR140LUY1
Rated Cooling Capacity (Min-Max)			Btu/hr	17,100 (7,900-19,100)	20,500 (8,900-21,500)	24,200 (10,900-27,300)	34,100 (17,100-38,200)	42,700 (19,500-47,800)	47,800 (21,200-52,600)
			kW	5.0 (2.3-5.6)	6.0 (2.6-6.3)	7.1 (3.2-8.0)	10.0 (5.0-11.2)	12.5 (5.7-14.0)	14.0 (6.2-15.4)
Power Consumption			kW	1.39	1.69	2.22	2.82	3.73	4.71
COP			W/W	3.60	3.56	3.20	3.55	3.35	2.97
Refrigerant			Type	R410A					
Air Flow Rate			CFM	635			1,130	1,377	
Power Source		Indoor	V/Ph/Hz	220-240/1/50					
		Outdoor	V/Ph/Hz	220-240/1/50			380-415/3/50		
Sound Pressure Level		Indoor (H/L)	dBA	37/32			42/37	44/39	46/38
		Outdoor	dBA	48			49	50	
Dimension (H X W X D)		Indoor	mm	300x1,000x700			300x1,400x700		
		Outdoor	mm	595x845x300			1,170x900x320		
Unit Weight		Indoor	kg	36			46		
		Outdoor	kg	43			92	97	
Copper Pipe Size		Liquid	mm/in	9.52 / 3/8					
		Gas	mm/in	15.88 / 5/8					

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3. NOMINAL COOLING CAPACITY ARE BASED ON THE CONDITIONS BELOW:
COOLING -27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR.
4. SOUND PRESSURE LEVELS ARE MEASURED IN SOUND ROOM. SOMEHOW DURING ACTUAL OPERATION,
THE SOUND PRESSURE LEVEL WILL BE HIGHER AS A RESULT OF ROOM SPECIFICATION CONDITION.
5. CAPACITY (hp) AND (kW) ARE FOR EASE OF REFERENCE ONLY.

Specifications

CEILING CASSETTE (round flow) - TWIN MULTI

Capacity (hp)	hp ^s		5.0	6.0
	kW ^s		125	140
Model	Indoor		FCQ60LUV1x2	FCQ71LUV1x2
	Outdoor		RZR125LUY1	RZR140LUY1
Rated Cooling Capacity (Min-Max)		Btu/hr	42,700 (19,500-47,800)	47,800 (21,200-52,600)
		kW	12.5 (5.7-14.0)	14.0 (6.2-15.4)
Power Consumption		kW	3.68	4.91
COP		W/W	3.40	2.85
Refrigerant		Type	R410A	
Air Flow Rate		CFM	741	
Power Source	Outdoor	V/Ph/Hz	380-415/1/50	
Sound Pressure Level	Indoor (H/L)	dBA	35/28	
	Outdoor	dBA	50	
Dimension (With Panel) (H X W X D)	Indoor	mm	298x840x840 (338x950x950)	
	Outdoor	mm	1,170x900x320	
Unit Weight	Indoor+Panel	kg	21+5.5	
	Outdoor	kg	97	
Copper Pipe Size	Liquid	mm/in	9.52 / 3/8	
	Gas	mm/in	15.88 / 5/8	

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3. NOMINAL COOLING CAPACITY ARE BASED ON THE CONDITIONS BELOW:
COOLING -27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR.
4. SOUND PRESSURE LEVELS ARE MEASURED IN SOUND ROOM. SOMEHOW DURING ACTUAL OPERATION,
THE SOUND PRESSURE LEVEL WILL BE HIGHER AS A RESULT OF ROOM SPECIFICATION CONDITION.
5. CAPACITY (hp) AND (kW) ARE FOR EASE OF REFERENCE ONLY.

CEILING EXPOSED - TWIN MULTI

Capacity (hp)	hp ^s		5.0	6.0
	kW ^s		125	140
Model	Indoor		FHQ60BVV1Gx2	FHQ71BVV1Bx2
	Outdoor		RZR125LUY1	RZR140LUY1
Rated Cooling Capacity (Min-Max)		Btu/hr	42,700 (19,500-47,800)	45,400 (21,200-52,600)
		kW	12.5 (5.7-14.0)	13.3 (6.2-15.4)
Power Consumption		kW	4.55	5.32
COP		W/W	2.75	2.50
Refrigerant		Type	R410A	
Air Flow Rate		CFM	600	
Power Source	Outdoor	V/Ph/Hz	380-415/1/50	
Sound Pressure Level	Indoor (H/L)	dBA	39/35	
	Outdoor	dBA	50	
Dimension (H X W X D)	Indoor	mm	195x1,160x680	
	Outdoor	mm	1,170x900x320	
Unit Weight	Indoor	kg	27	
	Outdoor	kg	97	
Copper Pipe Size	Liquid	mm/in	9.52 / 3/8	
	Gas	mm/in	15.88 / 5/8	

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3. NOMINAL COOLING CAPACITY ARE BASED ON THE CONDITIONS BELOW:
COOLING -27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR.
4. SOUND PRESSURE LEVELS ARE MEASURED IN SOUND ROOM. SOMEHOW DURING ACTUAL OPERATION,
THE SOUND PRESSURE LEVEL WILL BE HIGHER AS A RESULT OF ROOM SPECIFICATION CONDITION.
5. CAPACITY (hp) AND (kW) ARE FOR EASE OF REFERENCE ONLY.

● Specifications

CEILING CONCEALED - TWIN MULTI

Capacity	hp ⁵		5.0	6.0
	kW ⁵		125	140
Model	Indoor		FBQ60DV1x2	FBQ71DV1x2
	Outdoor		RZR125LUY1	RZR140LUY1
Rated Cooling Capacity (Min-Max)		Btu/hr	42,700 (19,500-47,800)	47,800 (21,200-52,600)
		kW	12.5 (5.7-14.0)	14.0 (6.2-15.4)
Power Consumption		kW	3.73	4.71
COP		W/W	3.35	2.97
Refrigerant		Type	R410A	
Air Flow Rate		CFM	635	
Power Source	Indoor	V/Ph/Hz	220-240/1/50	
	Outdoor	V/Ph/Hz	380-415/1/50	
Sound Pressure Level	Indoor (H/L)	dBA	37/32	
	Outdoor	dBA	50	
Dimension (H X W X D)	Indoor	mm	300x1,000x700	
	Outdoor	mm	1,170x900x320	
Unit Weight	Indoor	kg	36	
	Outdoor	kg	97	
Copper Pipe Size	Liquid	mm/in	9.52 / 3/8	
	Gas	mm/in	15.88 / 5/8	

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3. NOMINAL COOLING CAPACITY ARE BASED ON THE CONDITIONS BELOW:
COOLING -27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR.
4. SOUND PRESSURE LEVELS ARE MEASURED IN SOUND ROOM. SOMEHOW DURING ACTUAL OPERATION, THE SOUND PRESSURE LEVEL WILL BE HIGHER AS A RESULT OF ROOM SPECIFICATION CONDITION.
5. CAPACITY (hp) AND (kW) ARE FOR EASE OF REFERENCE ONLY.

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