DAIKIN







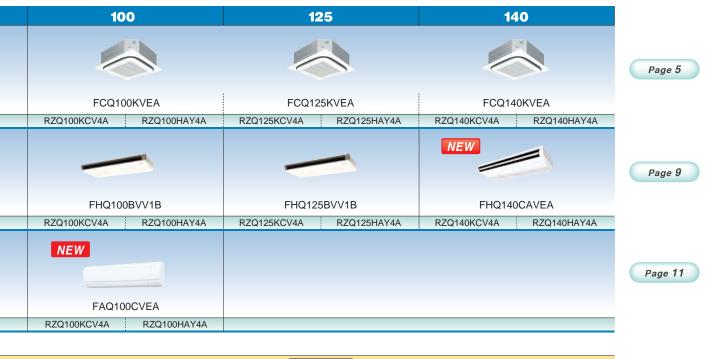
PRODUCT RANGE

	Series	50	60	71	
CEILING MOUNTED CASSETTE TYPE (Round Flow)	OUND FLOW				
	Indoor unit	FCQ50KVEA	FCQ60KVEA	FCQ71KVEA	
-	Outdoor unit	RZQ50KBV4A	RZQ60KBV4A	RZQ71KCV4A	
CEILING SUSPENDED	TYPE			FHQ71BVV1B	
_	Outdoor unit			RZQ71KCV4A	
WALL MOUNTED TYPE				NEW	
	Indoor unit			FAQ71CVEA	
				RZQ71KCV4A	





Sky/Air



RZQ100KCV4A RZQ100HAY4A RZQ125KCV4A RZQ125HAY4A RZQ140KCV4A RZQ140HAY4A

OUTDOOR UNIT

2

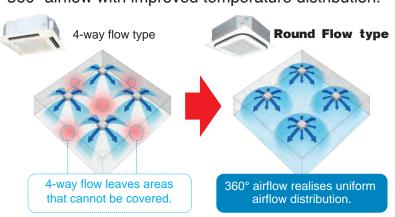
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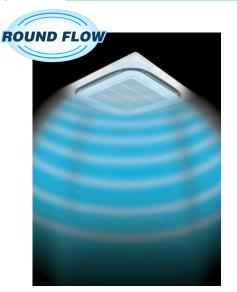
Features and Benefits of DAIKIN's

Round Flow cassette

Comfortable airflow

360° airflow with improved temperature distribution.





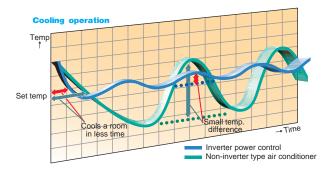
Comfortable

Enhanced comfort with Inverter

Inverter performs variable control of frequency, which determines air conditioner's power performance.

At startup, full power is used to achieve the set temperature quickly. Then, the capacity is adjusted according to the outdoor temperature changes and subtle indoor load changes to achieve fine capacity control resulting in a more stable room temperature.

Non-inverter type air conditioners must be switched on and off repeatedly, causing large fluctuations of the room temperature.



Soft starter is unnecessary, making electrical installation work much simpler. Non-inverter Running current Time Inverter

At startup, inverter raises frequency smoothly, eliminating the starting current spike.

Compact

Compact and lightweight

50/60KB, 71KC	100/125/140KC	100/125/140HA
770	1,170	1,345
	900	
	320	
68	98	108
	770	770 1,170 900 320



SkyAir Range

"Nav Ease" Wired Remote Controller

Clear Display

- Dot matrix display
- Backlight display

Energy saving

- NEW Setpoint range set
- NEW Setpoint auto reset
 - Off timer (programmed)

Simple operation

- Large buttons and arrow keys
- Guide on display

Convenience

- Weekly schedule
- Multilingual display

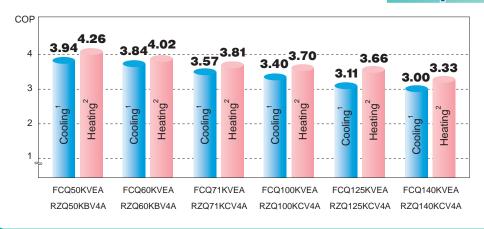
NEW



Wired Remote Controller BRC1E62

Energy_Efficient

Complies with MEPS



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.

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). 2 Rated heating capacities are based on the following conditions: Indoor temp., 20°CDB, outdoor temp., 7°CDB, 6°CWB. Equiv. refrigeration piping, 7.5 m (horizontal)

Quiet operation

Night quiet operation function

The Automatic night quiet mode will initiate 8 hours after the peak temperature is reached in the daytime, and normal operation will resume 10 hours after that.

★ Reducing noise will reduce capacity slightly.

Sound level³ (dB(A))

	Rated⁴	Night Quiet Mode
)/60KB	48	•
71KC	48	44
C/100HA	49	45
C/125HA	50	45
C/140HA	50	46

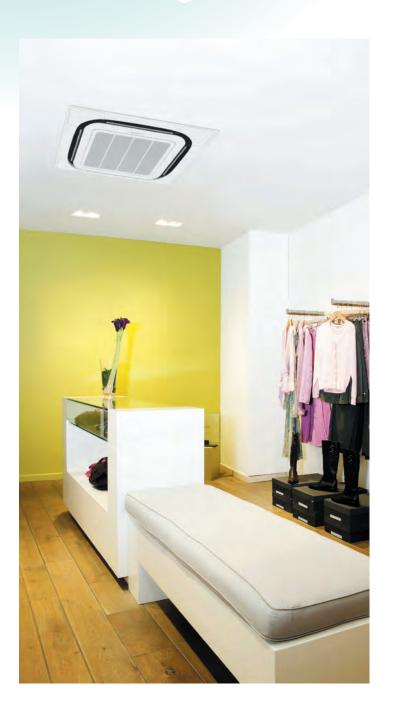
Note: ³Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions. ⁴Value when cooling. Value will differ when heating.

RZQ50

RZQ7

RZQ100K RZQ125K RZQ140K

Uniform 360° airflow cassette air conditioner is setting tomorrow's standards.





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

Footures

Г	-65	แน	ies																															
					Cor	nfor	t				Ren	note	contr	oller	Clear	nliness		Wo	ork 8	k Se	rvici	ng				Con	trol	feat	ures	3		Opt	ions	Others
	Auto swing	Swing pattern selection	Draft prevention function (heating)	vitch: step	Programme "Dry"	High ceiling application	Two selectable temperature-sensors	Hot start (after defrost)	Year-round cooling applicable	Night quiet operation	Setpoint auto reset	Setpoint range set	Weekly schedule timer	Off timer (programmed)	Anti-bacterial air filter	Silver ion anti-bacterial drain pan	Drain pump mechanism	Pre charged for up to 30 m	Filter sign	Ceiling soiling prevention	Low gas pressure detection	Emergency operation	Self-diagnosis function	Auto-restart	Auto-cooling/heating change-over	Control by 2 remote controllers	Group control by 1 remote controller	External command control	Central remote control	Interlock control	DIII-NET communication standard	High-efficiency filter	Fresh air intake kit	Anti corrosion treated heat exchangers
	•	•	•	•	•	•	*1	•	•	*2	*1	*1	*1	*1	•	•	•	*2	•	•	*2	•	•	•	•	•	•	•	•	•	•	•	•	*2

 $^{^{\}star 1}$ Applicable when wired remote controller is used $^{\star 2}$ For the outdoor units

Avoids uneven temperature and discomfort caused by drafts.

Comfort enhanced by Round Flow!

360 airflow

• With uniform temperature distribution



Airflow distribution creates uniform comfort throughout the space

Air movement is gentle with Round Flow

Enhanced Comfort

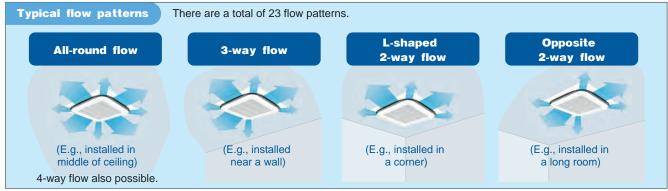


360 airflow can maintain comfort even if air discharge speed is lower.

If you raise the set temperature by 1 to 1.5°C in cooling (and lower in heating), and velocity is decreased by 25%, you still obtain the same feeling temperature and comfort.

Adapts easily to the installation space.

• As air flows out from corner outlets, comfort spreads more evenly.



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: Makes cleaning easier.

External panels are treated with a coating that helps to repel dirt. Treated Untreated surface surface

- To help 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

It is easy to clean.

 Filter has anti-mould and bactericidal treatment

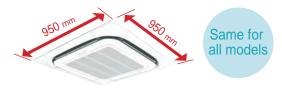
Helps prevents mould and microorganisms growing out of the dust and moisture that adheres to the filters.

to the smoke of 600

cigarettes in 1 m³ enclosed space.

Unified square panels Compact body and quiet operation

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



_	_	dB(A)
Indoor unit	High	Low
50K	35	28
60K	35	28
71K	35	28
100K	43	32
125K	44	34
140K	44	36

Note: Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient

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 setting 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°
Draft prevention (In heating mode)	automatically	urtup and thermo OFF, air discharge is set to a near horizontal 25° or 30° to exposure to cool air drafts.
Auto air direction control		on is set automatically to the osition 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)

			N	umber o	f air dis	cł	narge ou	ıtlets use	ed	
			50K-	-71K				100K-	-140K	
		All round flow	4-way flow	3-way flow	2-way flow		All round flow	4-way flow	3-way flow	2-way flow
0 ""	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
Ceiling height	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
neignt	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 (BRC1E62)) 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.

- Hot start (after defrost)
- Switchable fan speed: High/Low

Quick and easy to install

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



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

Easy height adjustment

Each corner of the unit has an Adjuster Pocket that lets you easily adjust the unit's suspended height.

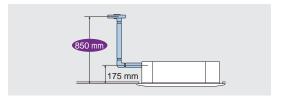
Note: If the wireless remote control option is installed, a light receptor unit is housed in one of the adjuster pockets.

- All models can be installed without using lifter because of the light weight.
- Can be installed 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



- Connection to a centralised control system is available, no need for option card.
- Low gas pressure detection

^{**}Wireless remote controller does not have a temperature-sensor

Easier to maintain

 The condition of the drain pan and drain water can be checked by removing the drain plug and intake grille.



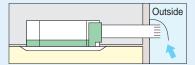
Options required for specific operating environments

High-efficiency filter

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

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

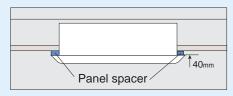
- parts should, as required, be procured locally.

 **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.

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.

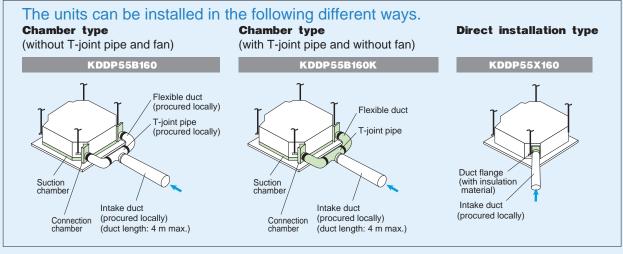
Sealing material of air discharge outlet

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).



Note: Use of options will increase operating sound.

Comfortable airflow travels throughout the room





Accessory required for indoor unit



Option



Features

1 0	atui	CS																											
			C	omfo	ort				Ren	note	contr	oller	Cleanliness		Worl	k & S	Servi	cing				Cor	ntrol	featu	ures			Options	Others
Auto swing	Draft prevention function (heating)	Switchable fan speed	Programme "Dry"	High ceiling application	Two selectable temperature-sensors	Hot start (after defrost)	Year-round cooling applicable	Night quiet operation	Setpoint auto reset	Setpoint range set	Weekly schedule timer	Off timer (programmed)	Anti-bacterial air filter	Drain pump mechanism	Pre charged for up to 30 m	Filter sign	Low gas pressure detection	Emergency operation	Self-diagnosis function	Auto-restart	Auto-cooling/heating change-over	Control by 2 remote controllers	Group control by 1 remote controller	External command control	Central remote control	Interlock control	DIII-NET communication standard	Fresh air intake kit	Anti corrosion treated heat exchangers
•	•	*1	•	*2	*3	•	•	*4	*3	*3	*3	*3	•	*5	*4	•	*4		•	•	•	•	•	•	•	•	*6	*6	*4

^{*&}lt;sup>†</sup>FHQ71-125BV: 2 step, FHQ140CA: 3 step *²Installable on max. 3.5 m (71-125BV), 4.3 m (140CA) high ceiling

^{*3}Applicable when wired remote controller is used

For the outdoor units

^{*5}Option
*6FHQ140CA only

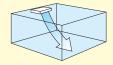
New 140 model provides greater capacity for large spaces

- The technology of the DC fan motor, wide sirocco fan, and large heat exchanger combine for greater airflow and quiet operation.
 High/Middle/Low: 46/42/38 db(A)
- Sophisticated design
 Flap neatly closes when not in use.

 Fresh white colour.



 Installable on ceilings 4.3 m high



- 3 fan speeds: High/Middle/Low
- Connection to a centralised control system is available, no need for option card.
- Drain pump kit (option) includes a silver ion antibacterial agent that assists in preventing the growth of slime, bacteria, and mould that cause smells and clogging.

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 (FHQ71-125BV)
- Two selectable temperature-sensors

Both indoor unit and wired remote controller (option (BRC1E62)) 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 (FHQ71-125BV)
- Programme "Dry"

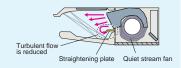
Dehumidification is microprocessor controlled to prevent abrupt and uncomfortable changes in air temperature.

Quiet operation

			uD(A)
Indoor unit	High	Middle	Low
71BV	39	_	35
100BV	42	-	37
125BV	44	_	39
140CA	46	42	38

Note: Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions

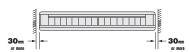
Uses quiet stream fan and other quiet technologies. (FHQ71-125BV)



Installation flexibility for freedom of design

Flexible installation

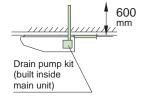
The unit fits more snugly into tight spaces.



*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
- Simplified piping installation

Easy maintenance

- Long-life filter lasts up to 6 months*
 - * For dust concentration of 0.15 mg/m³

Two time settings (2500 hrs and 1250 hrs) are available to match the installation environment. Maintenance time warning is displayed on the remote controller (filter sign).

Non-flocking flap

Condensation does not easily form on and dirt does not cling to non-flocking flap.

It is easy to clean.

Non-flocking flap



Easy-clean, flat surfaces

Oil resistant grille

 Oil-resistant plastic is used for the air suction grille. This satisfies durability in restaurants and other similar environments.

Note: Intended for use in salons, dining rooms, and ordinary sales floors, this specification is not suitable for kitchens or other harsh environments.

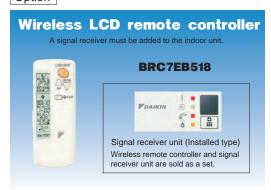
Compact design and easy installation







Option



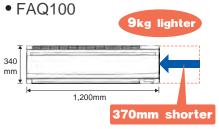
Features

				Con	nfort					Ren	note	contr	oller	Cleanliness		Worl	k & S	Servi	cing				Cor	ntrol	featu	ıres			Others
Auto swing	Draft prevention function (heating)	Switchable fan speed (3 step)	Auto airflow rate	High fan speed mode	Programme "Dry"	Two selectable temperature-sensors	Hot start (after defrost)	Year-round cooling applicable	Night quiet operation	Setpoint auto reset	Setpoint range set	Weekly schedule timer	Off timer (programmed)	Mould-proof air filter	Drain pump mechanism	Pre charged for up to 30 m	Filter sign	Low gas pressure detection	Emergency operation	Self-diagnosis function	Auto-restart	Auto-cooling/heating change-over	Control by 2 remote controllers	Group control by 1 remote controller	External command control	Central remote control	Interlock control	DIII-NET communication standard	Anti corrosion treated heat exchangers
•	•	•	*1	•	•	*1	•	•	*2	*1	*1	*1	*1	•	*3	*2	•	*2	•	•	•	•	•	•	•	•	•	•	*2

^{*1}Applicable when wired remote controller is used *2For the outdoor units

^{*3}Option

Compact & Sophisticated design



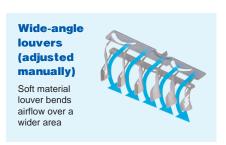
	FAQ100BV	FAQ100C
Height	360mm ■	> 340mm
Width	1,570mm	1,200 mm
Depth	200mm	240 mm
Weight	26kg	17 kg

 Flaps close fully when not in use

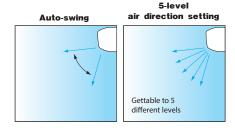


Comfortable

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

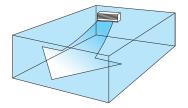


 Air discharge modes ensure comfortable air distribution across the entire room



Comfort even on the far side of the room

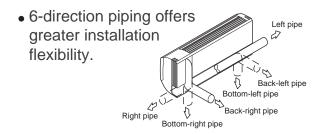
To carry air to the far side of long rooms, extra-high airflow adds 10% more fan speed the "high" setting. Air discharge setting is selected from the remote controller by field setting.



- Two selectable temperature-sensors
- Switchable fan speed: High/Middle/Low
- Auto airflow rate (When BRC1E62 is used)
- Programme "Dry"

Dehumidification is microprocessor controlled to prevent abrupt and uncomfortable changes in air temperature.

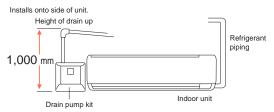
Easy installing and servicing



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.



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



 Connection to a centralised control system is available, no need for option card.

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.



Complies with MEPS



RZQ50KBV4A RZQ60KBV4A RZQ71KCV4A



RZQ100KCV4A RZQ125KCV4A RZQ140KCV4A



RZQ100HAY4A RZQ125HAY4A RZQ140HAY4A

Easy installation and maintenance

Pre charged for up to 30 metres If the refrigerant piping length does not exceed 30 m, there is no need for on-site gas charging.

75 m piping length

(Applicable to RZQ100KC-140KC and RZQ100HA-140HA outdoor units)

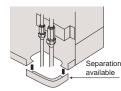
	efrigerant pi di erence	ping length										
	50/60KB	71KC	100-125KC 100-125HA									
Pre charged¹ 30 m												
Max. length	30 m	50 m (Equivalent length 70m)	75 m (Equivalent length 90m)									
Max. level difference 30 m												

Note: ¹Additional refrigerant charging is required if the refrigerant pipe is longer than the length.

4-direction piping offers greater layout freedom

The outer panel for the piping connection part of the front, right side and backside can be removed and is easier for

post-installation piping work.



Facilitates pump down

(Refrigerant recovery function)

A pump-down switch is provided to make it easier to collect refrigerant if the unit is to be moved or layout modified.

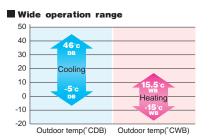
*Pump-down function is available for pre-charged refrigerant amount.

Low gas pressure detection function Effective gas monitoring reduces the labor required for operation, maintenance, and repairs.

Operation range

Suited for year-round cooling applications

Cooling is efficient even in winter when indoor temperatures are higher than those outside, such as in underground public spaces or offices with many computers.



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Easy centralised installation with the module oriented design

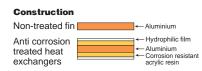
Compact and light weight

	50/60KB, 71KC	100/125/140KC	100/125/140HA				
Height(mm)	770	1,170	1,345				
Width(mm)		900					
Depth(mm)	320						
Weight(kg)	68	98	108				

Durability

As the bottom frame is subject to corrosion, a corrosion-proof galvarium steel plate is adopted to enhance the durability.

Heat exchange fins are provided with anti-corrosion treatment



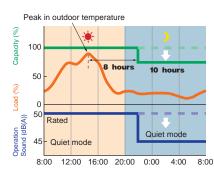
Night time quiet operation function

The Automatic night quiet mode will initiate 8 hours after the peak temperature is reached in the daytime, and normal operation will resume 10 hours after that.

★ Reducing noise will reduce capacity slightly.

	Sound le	vel ¹ (dB(A))
	Rated ²	Night Quiet Mode
RZQ50/60KB	48	44
RZQ71KC	48	44
RZQ100KC/100HA	49	45
RZQ125KC/125HA	50	45
RZQ140KC/140HA	50	46

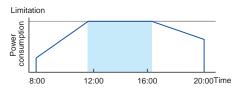
Note: ¹Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions. ²Value when cooling. Value will differ when heating.



Note: 3In case of RZQ125

Demand Control

The maximum capacity is maintained within a set level of power consumption, which makes it possible to keep a comfortable and effective demand control.



* Required for KRP58M51 (Option)

Technology for energy efficiency

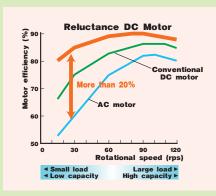
The high efficiency compressor to achieve a high COP

1 Compressor equiped with Reluctance DC motor

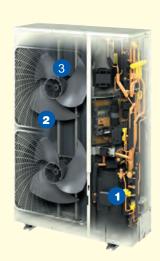
Daikin DC Inverter models are equipped with the Reluctance DC motor for compressor.

The Reluctance DC motor uses 2 different types of torque, neodymium magnet*1 and reluctance torque*2.

This motor can save energy because it generates more power with a smaller electric power than an AC or conventional DC motor.





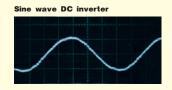


Note: Data are based on studies conducted under controlled conditions at a Daikin laboratory.

- *1. A neodymium magnet is approximately 10 times stronger than a standard ferrite magnet.
- *2. The torque created by the change in power between the iron and magnet parts.

>> Smooth sine wave DC inverter

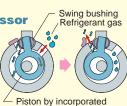
Use of an optimised sine wave smoothes motor rotation, further improving operating efficiency.



RZQ50/60KB, RZQ71KC

>> Swing compressor

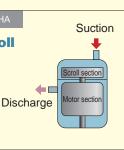
Energy savings is realised, eliminating the friction and the leakage of refrigerant gas.



RZQ100/125/140KC, RZQ100/125/140HA

>> The structural scroll

Sucked gas is compressed in the scrolling part before the heated motor, so that the machine compress the non-expanded gas, resulting in high efficiency compression.



2 Smooth Air Inlet Bell Mouth and Aero Spiral Fan

blade and roller.

These two features work to reduce noise. Guides are added to the bell mouth intake to reduce turbulence in the airflow generated by fan suction. The Aero Spiral Fan features fan blades with the bent blade edges, further reducing turbulence.



With the bent blade edge



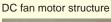
Without the bent blade edge



Escaping eddies are sucked in by the bent blade edges, reducing overall turbulence.

3 DC fan motor

Efficiency improved in all areas compared to AC motors, especially at low speeds.







Easy-to-read LCD remote controller allows various system

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

Wired Remote Controller "Nav Ease"





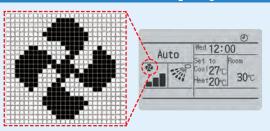
This simple, contemporary remote controller with fresh white colour matches your interior design. The clear, backlight display with large easy-to-read text makes navigation easy and provides one-touch control over your in-home comfort.

BRC1E62

Clear Display

Dot matrix display

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



Backlight display



Energy saving

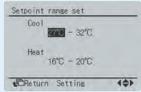
Auto operation mode

Until now only the temperature for one point could be set, but now the new remote controller (BRC1E62) allows the setting of both Cooling and Heating, and with the fan operation, mid-range temperatures are comfortable andoperation is more energy efficient.



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.

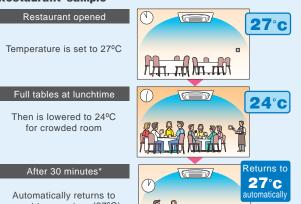


NEW Setpoint auto reset

- 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



Automatically returns to preset temperature (27°C)

*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.

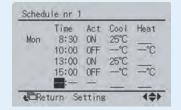
control configurations and control of multiple indoor units.

Convenience

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.

NEW - 3 independent schedules can be set. (e.g. summer, winter, mid-season)



College classroom sample (a summer Monday case)



The first period starts and the air conditioner starts the cooling operation.



2) 10:00 OFF

In the second period, the classroom is unoccupied and the air conditioner stops.



3) 13:00 ON

When the third period starts, operation starts again.



4) 15:00 OFF

After the third period, the classroom becomes vacant again and the air conditioner stops.



Multilingual display

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

LCD wireless remote controller



Wireless remote controller

- The wireless remote controller is supplied in a set with a signal receiver.
- Signal receiver unit is contained inside decoration panel or indoor unit.
- 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 mounted cassette type.

Wireless remote controller for each indoor unit type

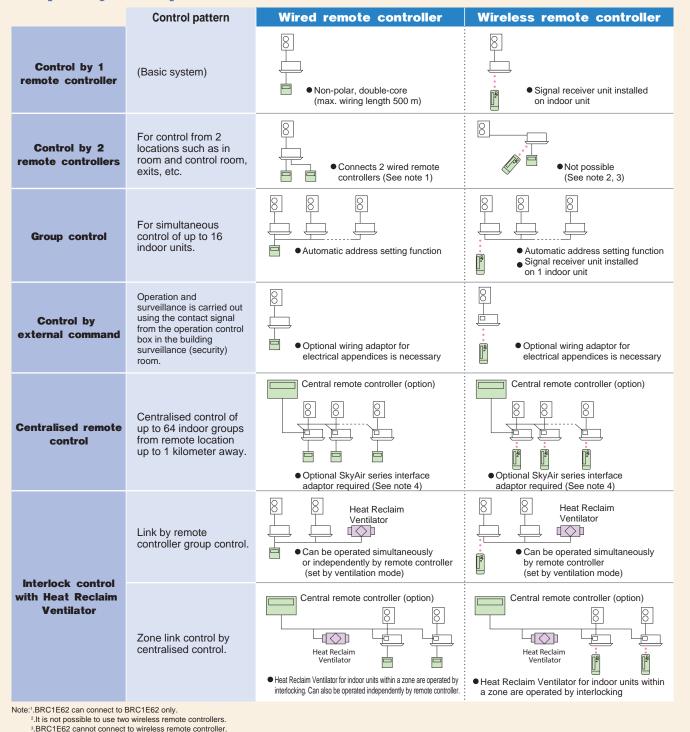
		Heat pump		
CEILING MOUNTED CASSETTE TYPE	CEILING MOUNTED CASSETTE TYPE			
CEILING SUSPENDED TYPE	71-125BV	BRC7EA63W		
	100CA	BRC7GA53		
WALL MOUNTED TYPE	BRC7EB518			

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

> LCD remote controller for SkyAir indoor unit



Simple system provides a diverse assortment of control modes.



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

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

Central remote controller

DCS302CA61 (Option)



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

Unified on/off controller

DCS301BA61 (Option)



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

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.



DCS601C51 (Option)



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

Interface adaptor for SkyAir series

DTA112BA51 (Option)

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

• The interface adaptor for the SkyAir series is optional except for the ceiling mounted cassette type <Round Flow>, ceiling suspended type (140CA only), and wall mounted type.

Abundance of features that provide comfortable air-conditioning in stores and offices.

• Note: Some features only available on selected models. See model pages for full list of features applicable to each unit.

Comfort



Delivers comfortable air-conditioning to all areas, near to and far from the air-conditioner.

■ The air flow direction can be fixed at your desited angle by the remote controller.

Swing pattern selection

(standard, ceiling soiling prevention)

You can freely set 2 air discharge settings by remote controller.

(1) Air direction in standard setting

(2) Air direction in ceiling soiling prevention setting

Draft prevention function (heating)

To prevent cold air drafts, automatically adjusts airflow to near horizontal position when heating initially starts or when the thermostat turns off.

Switchable fan speed

High setting provides maximum reach while low setting minimises drafts.

Auto airflow rate

Airflow rate is automatically controlled in accordance with the difference between room temperature and set temperature.

High fan speed mode

• Applicable for wall mounted type.

You can increase fan speed approximately 10% higher than the "high" setting.

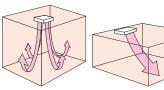
Programme "Dry"

Dehumidification is a microprocessor controlled to prevent abrupt and uncomfortable changes in air temperature. Useful for reducing uncomfortable humidity without uncomfortable cooling of the room.

High-ceiling application

· Applicable for ceiling mounted cassette type and ceiling suspended type.

Delivers air-conditioning comfort all the way down to the floor in air-conditioning zones with high ceilings.



Note: When units are installed on high ceilings, depending on the model, various restrictions concerning maximum height, air discharge direction, and choice of options may apply.

■ Two selectable temperature-sensors

Temperature-sensors are included in the indoor unit and optional wired remote controller. Temperature sensing closer to the

target area is possible to further increase the comfort level.

 Use the temperature-sensor in the indoor unit when controlling air conditioning from another room.

Note: Wireless remote controllers have no temperature-sensor.



Hot start (after defrost)

Cold air flow is avoided when heating operation starts or when switching to heat after defrosting.

Year-round cooling applicable

Efficient cooling even in winter when the indoor temperatures are higher than those outside, such as in underground public spaces or offices with many computers.

■ Night quiet operation

The Automatic night quiet mode will initiate 8 hours after the peak temperature is reached in the daytime, and normal operation will resume 10 hours after that.

Remote Controller

Setpoint auto reset

Even if the set temperature is changed, it returns to the preset temperature after a preset period of time.

Setpoint range set

Saves energy by limiting the minimum and maximum set temperatures. Avoids excessive heating and cooling.

■ Weekly schedule timer

Up to five operation ON/OFF settings can be programmed per day for each day of the week. Not only can the time be set for the operation ON setting, but also the temperature.

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.

Cleanliness

Anti-bacterial air filter

The Air filter has a anti-bacterial treatment to help prevent the growth of bacteria and mould on it.

■ Mould-proof air filter

Sanitary filter has mould-resistant 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.

· Note: Some features only available on selected models. See model pages for full list of features applicable to each unit.

Work and Servicing

■ Drain pump mechanism

• Applicable for ceiling mounted cassette type and ceiling suspended type.

Steeper gradient realises more efficient condensate drainage. High-lift is especially useful for long lengths of drain piping.



Pre charged for up to 30 metres

If the refrigerant piping length does not exceed 30 m, there is no need for on-site gas charging.

Filter sign

The filter sign warns you when it is time to clean the filter.

*When using a wired remote controller the sign is displayed in the LCD. When using a wireless remote controller the filter sign lamp illuminates on the signal receiver unit.

■ Ceiling soiling prevention function

· Applicable for ceiling mounted cassette type.

Daikin's innovative air discharge mechanism keeps airflow away from the ceiling. Ceiling cleaning is less frequently required.

Low gas pressure detection

Insufficient gas charging is normally hard to detect. During post-installation trials and regular inspection procedures, the refrigerant level is monitored by a microprocessor to maintain proper gas pressure. Reliability is assured and maintenance and inspection can be carried out more quickly.

Emergency operation

If there is a malfunction elsewhere in the system, the fan or compressor can still be operated.

■ Self diagnosis function

The operating parameters of indoor and outdoor units, and sensor data at critical locations throughout the system, are constantly monitored using a microcomputer. To facilitate a quick response in the event of a malfunction, a message appears on the LCD of the remote controller and an LED on the unit illuminates.

Control features

Auto-restart

If there is a power outage while the equipment is operating, operations will restart in the same mode as before the power cut when electricity is restored.

Auto cool/heat change-over (Heat pump only)

Detects difference in preset temperature and actual room temperature and automatically switches to cooling or heating accordingly.

■ Control by 2 remote controllers

Using 2 remote controllers you can operate the equipment locally or from a remote location.

Note: When a wireless remote controller is used, remote control by two remote controllers is not possible.

■ Group control by 1 remote controller

You can turn up to 16 indoor units on/off with a single remote controller. (When using connected indoor units, the settings must all be the same and on/off will be simultaneous.)

■ External command control

Operation and surveillance is carried out using the contact signal from the operation control box in the building surveillance (security) room.

*Required for KRP58M51 (Option)

■ Central remote control

An optional central remote controller enables centralised control of up to 1024 indoor units (64 groups) from up to 1 kilometer away.

■ Interlock control

Enables interlocking control with external equipment such as Heat Reclaim Ventilator.

DIII-NET communication standard

Standardly equipped interface enables connection to centralised control system without need of an adaptor.

Options

High-efficiency filter unit

• Applicable for ceiling mounted cassette type.

Two types are available: 65% and 90% colorimetry.

Fresh-air intake kit

· Applicable for ceiling mounted cassette type.

You can provide air-conditioning with fresh air from outside. Convenient for places where a ventilation fan cannot be installed.

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 noise and may also influence temperature sending.

Others

Anti corrosion treated heat exchangers

To achieve increased durability by improved resistance to salt corrosion and atmospheric pollution, coated Anti corrosion treated heat exchangers (with special acryl pretreatment) are used for the heat exchanger of the outdoor unit.

In high corrosive areas, regular maintenance needs to be carried out.

SPECIFICATIONS

CEILING MOUNTED CASSETTE TYPE

				50	60	71	100	125	140	100	125	140
Model		Indoor unit		FCQ50KVEA	FCQ60KVEA	FCQ71KVEA	FCQ100KVEA	FCQ125KVEA	FCQ140KVEA	FCQ100KVEA	FCQ125KVEA	FCQ140KVEA
Name		Outdoor unit		RZQ50KBV4A	RZQ60KBV4A	RZQ71KCV4A	RZQ100KCV4A	RZQ125KCV4A	RZQ140KCV4A	RZQ100HAY4A	RZQ125HAY4A	RZQ140HAY4A
Power supply	у '				'	1 Phase, 2	40 V, 50 Hz			3 PI	hase, 415 V, 50	Hz
	Cooling capacity ¹ Rated (Min Max.)			5.0 (3.2-5.6)	5.8 (3.2-6.0)	7.1 (3.2-8.0)	10.0 (5.0-11.2)	12.5 (5.7-14.0)	13.6 (6.2-15.4)	10.0 (5.0-11.2)	12.5 (5.7-14.0)	13.6 (6.2-15.4)
Heating capacity ² Rated (Min Max.)			kW	6.0 (3.5-7.0)	7.0 (3.5-8.0)	8.0 (3.5-9.0)	11.2 (5.1-12.8)	14.0 (6.0-16.2)	16.0 (6.2-18.0)	11.2 (5.1-12.8)	14.0 (6.0-16.2)	16.0 (6.2-18.0)
Power consu	umption (Cooling ¹	kW	1.27	1.51	1.99	2.94	4.02	4.54	2.94	3.77	4.39
	· ·	Heating ²	kW	1.41	1.74	2.10	3.03	3.83	4.80	3.03	3.83	4.80
Indoor	Colour	Unit								•		
unit		Decoration panel						White				
	Airflow rate ((H/L)	ℓ/s	350/225	350/225	350/225	533/333	550/375	550/375	533/333	550/375	550/375
			m³/min	21/13.5	21/13.5	21/13.5	32/20	33/22.5	33/22.5	32/20	33/22.5	33/22.5
		sure level (H/L) ³	dB(A)	35/28	35/28	35/28	43/32	44/34	44/36	43/32	44/34	44/36
	Sound powe	r level (H/L)4	dB(A)	53/46	53/46	53/46	60/50	61/52	61/54	60/50	61/52	61/54
	Dimensions	Unit	mm		256×840×840		298×840×840	298×840×840			298×840×840	
	(H×W×D)	Decoration panel	mm	50×950×950	50×950×950	50×950×950	50×950×950	50×950×950	50×950×950		50×950×950	50×950×950
	Machine	Unit	kg	21	21	21	24	24	24	24	24	24
	weight	Decoration panel	kg	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
	Certified	Cooling	°CWB		14 to 25							
	Operation rang	le Heating	°CDB	15 to 27								
Outdoor	Colour			White								
unit	Compressor			Hermetically sealed swing type			Hermetically sealed scroll type					
		Motor output	kW	1.3	1.6	1.7	1.9	2.4	3.1	1.7	2.2	2.9
	Refrigerant of	charge (R-410A)	kg	2.75 (Charged for 30 m)	2.75 (Charged for 30 m)	2.75 (Charged for 30 m)	3.7 (Charged for 30 m)	3.7 (Charged for 30 m)	3.7 (Charged for 30 m)	4.3 (Charged for 30 m)	4.3 (Charged for 30 m)	4.3 (Charged for 30 m)
		re Cooling/Heating ³	dB(A)	48/50	48/50	48/50	49/51	50/52	50/52	49/51	50/52	50/52
	level	Night quiet mode	dB(A)	44	44	44	45	45	46	45	45	46
	Sound powe		dB(A)	66	66	66	65			65		
	Dimensions		mm		770×900×320							1,345×900×320
	Machine wei		kg	68	68	68	98	98	98	108	108	108
	Certified	Cooling	°CDB					-5 to 46				
	Operation rang	1	°CWB					-15 to 15.5				
Piping	Liquid (FI		mm	ø9.5	ø9.5	ø9.5	ø9.5	ø9.5	ø9.5	ø9.5	ø9.5	ø9.5
connections			mm	ø15.9	ø15.9	ø15.9	ø15.9	ø15.9	ø15.9	ø15.9	ø15.9	ø15.9
	Drain	Indoor unit	mm		I.Dø25×O.Dø32						I.Dø25×O.Dø32	
		Outdoor unit	mm	ø26.0 (Hole)	ø26.0 (Hole)	ø26.0 (Hole)	ø26.0 (Hole)	ø26.0 (Hole)			ø26.0 (Hole)	ø26.0 (Hole)
	it piping lengt		m	3	80	50 (Equivalent length 70)			7 (Equivalen	5 t length 90)		
	tion level diffe	erence	m					30				
Heat insulation Both liquid and gas piping												

CEILING SUSPENDED TYPE

				71	100	125	140	100	125	140			
Model		Indoor unit		FHQ71BVV1B	FHQ100BVV1B	FHQ125BVV1B	FHQ140CAVEA	FHQ100BVV1B	FHQ125BVV1B	FHQ140CAVEA			
Name		Outdoor unit		RZQ71KCV4A	RZQ100KCV4A	RZQ125KCV4A	RZQ140KCV4A	RZQ100HAY4A	RZQ125HAY4A	RZQ140HAY4A			
Power supply	,				1 Phase, 2	40 V, 50 Hz		3	Phase, 415 V, 50	Hz			
Cooling capac Rated (Min			kW	5.8 9.2 11.2 (3.2-8.0) (5.0-11.2) (5.7-14.0)		13.2 (6.2-15.4)	9.2 (5.0-11.2)	11.2 (5.7-14.0)	13.2 (6.2-15.4)				
	Heating capacity ² Rated (Min Max.)		kW	7.5 10.5 13.5 (3.5-9.0) (5.1-12.8) (6.0-16.2)		16.0 (6.2-18.0)	10.5 (5.1-12.8)	13.5 (6.0-16.2)	16.0 (6.2-18.0)				
D		Cooling ¹	kW	1.77	2.93	3.70	4.40	2.85	3.55	4.33			
Power consur	mption	Heating ²	kW	2.32	3.33	4.35	5.00	3.26	4.35	4.93			
Indoor	Colour				White		Fresh white	Wh	nite	Fresh white			
unit	Airflow rate	(H/M/L)	ℓ/s	283/-/233	400/-/333	500/-/417	567/483/400	400/-/333	500/-/417	567/483/400			
uriit	` ′		m³/min	17/-/14	24/-/20	30/-/25	34/29/24	24/-/20	30/-/25	34/29/24			
	Sound pre	ssure level (H/M/L)3	dB(A)	39/-/35	42/-/37	44/-/39	46/42/38	42/-/37	44/-/39	46/42/38			
	Sound pov	ver level (H/M/L)4	dB(A)	55/-/51	58/-/53	60/-/55	64/60/56	58/-/53	60/-/55	64/60/56			
	Dimension	s (H×W×D)	mm	195×1,160×680	195×1,400×680	195×1,590×680	235×1,590×690	195×1,400×680	195×1,590×680	235×1,590×690			
	Machine w	eight	kg	27	32	35	38	32	35	38			
	Certified	Cooling	°CWB	14 to 25									
	Operation ra	nge Heating	°CDB		15 to 27								
Outdoor	Colour						White						
unit	Compressor Type			Hermetically sealed scroll type sealed swing type									
		Motor output	kW	1.7	1.9	2.4	3.1	2.3	2.7	2.9			
	Refrigeran	charge (R-410A)	kg	2.75 (Charged for 30 m)		3.7 (Charged for 30 m)		4.3 (Charged for 30 m)					
	Sound press	ure Cooling/Heating ³	dB(A)	48/50	49/51	50,	/52	49/51	50	/52			
	level	Night quiet mode	dB(A)	44	4	5	46	4	5	46			
	Sound power	evel Cooling/Heating4	dB(A)	66	65	67		65	67	_			
	Dimension	s (H×W×D)	mm	770×900×320		1,170×900×320	•		1,345×900×320				
	Machine w	eight	kg	68		98			108				
	Certified	Cooling	°CDB				-5 to 46	<u> </u>					
	Operation ra	nge Heating	°CWB				-15 to 15.5						
Piping	Liquid (Flare)	mm				ø9.5						
connections	Gas (FI		mm				ø15.9						
	Drain	Indoor unit	mm			VP20 (Ext	ernal Dia, 26/Intern	al Dia. 20)					
		Outdoor unit	mm			,	ø26.0 (Hole)	<i>,</i>					
Max. interunit piping length m			m	50 (equivalent length 70) (equivalent length 90)									
Max. interunit			""	(equivalent length 70)			(equivalent	iengin 90)					
Max. installati		ference	m	(equivalent length 70)			30	. lerigiri 90)					

Note:

1 Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB. Equiv. refrigeration piping, 7.5 m (horizontal).

2 Rated heating capacities are based on the following conditions: Indoor temp., 20°CDB, 15°CWB; outdoor temp., 7°CDB, 6°CWB. Equiv. refrigeration piping, 7.5 m (horizontal).

3 Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

4 Numerical values are according to ISO 3741:1999.

SPECIFICATIONS

WALL MOUNTED TYPE

				71	100	100				
Model	Indoo	or unit		FAQ71CVEA	FAQ100CVEA	FAQ100CVEA				
Name	Outdoor unit			RZQ71KCV4A	RZQ100KCV4A	RZQ100HAY4A				
Power supply	_			1 Phase, 24	0 V, 50 Hz	3 Phase, 415 V, 50 Hz				
Cooling capacity	1		kW	7.1	10					
Rated (Min Ma			KVV	(3.2-8.0)	(5.0-	11.2)				
Heating capacity	eating capacity ² ated (Min Max.)		kW	8.0 (3.5-9.0)	11.2 (5.1-12.8)					
Daar aanaar	Cooling ¹		kW	2.20	3.	19				
Power consumpt	Heating ²		kW	2.33	3.45	3.44				
	lour		ℓ/s		White					
unit Air	flow rate (H/M/L)	w rate (H/M/L)		300/267/233	433/383/317					
Sound pressure level (H/M/L) ³ Sound power level (H/M/L) ⁴			m³/min	18/16/14		3/19				
			dB(A)	45/42/40	49/45/41					
			dB(A)	61/58/56 65/62/58						
	Dimensions (H×W×D)		mm	290×1,050×238 340×1,200×240						
	achine weight		kg	13 17						
	rtified Coolin		°CWB	14 to 25						
	eration range Heatin	ng	°CDB	15 to 27						
Outdoor Co	lour				Ivory white					
unit	mpressor Type			Hermetically sealed swing type Hermetically sealed scroll type						
	Motor output		kW	1.7	1.9	1.7				
	frigerant charge (R-		kg	2.75 (Charged for 30 m)	3.7 (Charged for 30 m)	4.3 (Charged for 30 m)				
		ng/Heating ³	dB(A)	48/50		/51				
leve	19	quiet mode	dB(A)	44		5				
	and power level Coolin		dB(A)	66		5				
	mensions (H×W×D)		mm	770×900×320	1,170×900×320	1,345×900×320				
	achine weight		kg	68	98	108				
	rtified Coolin		°CDB		-5 to 46					
	eration range Heatin	ng	°CWB		-15 to 15.5					
	Liquid (Flare)		mm		ø9.5					
	Gas (Flare)		mm		ø15.9					
	Drain Indoor		mm		VP13(External Dia, 18/Internal Dia. 13)					
		or unit	mm	ø26.0 (Hole)						
Max. interunit pip			m	50 (Equivalent length 70 m)	75 (Equivalen	it length 90 m)				
Max. installation	level difference		m		30					
Heat insulation					Both liquid and gas piping					

Note:

Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB. Equiv. refrigeration piping, 7.5 m (horizontal).

Rated heating capacities are based on the following conditions: Indoor temp., 20°CDB, 15°CWB; outdoor temp., 7°CDB, 6°CWB. Equiv. refrigeration piping, 7.5 m (horizontal).

Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

Numerical values are according to ISO 3741:1999.



Indoor unit

CEILING MOUNTED CASSETTE TYPE

Nama	of outlan	Remai				Kit	name		
Name	of option	Remai	rik	FCQ50KVEA	FCQ60KVEA	FCQ71KVEA	FCQ100KVEA	FCQ125KVEA	FCQ140KVEA
Decoration pane				BYCP125K-W1					
Sealing material	of air discharge outlet	t				KDBH5	5K160F		
Panel spacer						KDBP5	5H160FA		
Fresh air	Chamber	Without the T-joint pi	pe and fan			KDDP	55B160		
intake kit1	type	With the T-joint pipe, without fan				KDDP5	5B160K		
	Direct installation	type				KDDP	55X160		
Chamber connec	ction kit ²					KKSJ5	5KA160		
Insulation kit for	ulation kit for high humidity				KDTP55K80			KDTP55K160	
High-efficiency fi (including chamb	lter	(Colorimetric method 65%)			KAFP556B80			KAFP556B160	
(including chamb	oer)	(Colorimetric method 90%)			KAFP557B80		KAFP557B160		
Replacement		(Colorimetric method	1 65%)		KAFP552B80		KAFP552B160		
high-efficiency fil	ter	(Colorimetric method	1 90%)		KAFP553B80		KAFP553B160		
Filter chamber				KDDFP55B160					
Branch duct chai	mber			KDJP55B80 KDJP55B160					
Remote controlle	er	Wireless type	Heat pump	BRC7F632F					
		Wired type ³ "Nav Ea	ase"			BRC	1E62		
Central remote c	ontroller4					DCS30	02CA61		
Unified ON/OFF	controller4			DCS301BA61					
Schedule timer ⁴				DST301BA61					
Intelligent Touch	Controller ⁴			DCS601C51					
Adaptor for wiring	g ⁵			KRP1C63					
Group control ad	laptor ⁵			KRP4AA53					
Installation box for	or adaptor PCB			KRP1H98					
Remote sensor (for indoor temperature	e)				KRCS	601-4B	-	

Round ow type: List of optional parts required to achieve di erent ow patterns

For each flow pattern-all round, 4-way, 3-way, 2-way, branch duct connection-the compatibility of each independently installed option(shown in the column on the left) to accessory options (listed across the top of each table) is shown in the cells where the relevant row and column intersect. A circle (O) indicates compatibility, and a cross (X) indicates incompatibility. Any options not shown below are not suitable for independent or accessory installation.

All-round flow 4-way flow

Optional accessory parts Independently installable optional parts		Panel spacer ¹		Fresh air intake kit (Chamber type) ^{1,2}		High-humidity operation kit	High-efficiency filter ²
Panel/grille related	Panel spacer ¹		0	0	0	Х	0
Operation control related	Wireless remote controller	0		0	0	0	0
Auxillary function related	Fresh air intake kit (Chamber type) ^{1,2}	0	0		X	X	0
	Fresh air intake kit (direct mount)	0	0	X		0	0
	High-humidity operation kit	X	0	X	0		X
Filter related	High-efficiency filter ²	0	0	0	0	Х	

3-way flow 2-way flow

Optional accessory parts Independently installable optional parts		Panel spacer ¹		Fresh air intake kit (Chamber type) ^{1,2}		High-humidity operation kit	High-efficiency filter ²
Panel/grille related	Panel spacer ¹		O ³	O ³	O ³	Х	X
Operation control related	Wireless remote controller	O ³		0	0	0	X
Auxillary function related	Fresh air intake kit (Chamber type)1,2	O ³	0		Х	Х	Х
	Fresh air intake kit (direct mount)	O ³	0	Х		0	Х
	High-humidity operation kit	X	0	X	0		X

Branch duct connection

Independently installable optional	Optional accessory parts	Panel spacer ¹		Fresh air intake kit (Chamber type) ^{1,2}		High-humidity operation kit	High-efficiency filter ²
Branch duct ¹	1-way branch / unit 3-way flow	0	0	0	O ⁴	Х	X
(Chamber type)	2-way branch / unit 2-way flow	X	0	0	O ⁴	Х	X
(Round duct type) 1-way branch / unit 2-way flow		Х	0	0	O ⁴	Х	X

¹ In some cases, depending on how the unit is embedded in the ceiling, use of branch ducts and fresh air intake kits may not be possible. Before starting installation work make sure to check

Note: ¹Refer to page 8 for the details.

²Required for installing high-efficiency filter or ultra long-life filter.

³Wiring for wired remote controller to be procured locally.

⁴The indoor unit is equipped standardly with the interface adaptor for SkyAir series. An option is unnecessary. ⁵Installation box for adaptor PCB (KRP1H98) is necessary.

whether or not joint installation is possible. In particular, ensure that the lower fixing position caused by the addition of panel spacers is acceptable.

2Use a chamber connection kit if two different types of optional chamber are used together. In this case, the fresh air intake kit must be installed in the upper position.

3It is not possible to use panel spacers in a 2-way flow installation.

⁴It is not possible to install a branch duct on the same side to which a fresh air intake kit (direct mount) is installed.

OPTIONS

Indoor unit

CEILING SUSPENDED TYPE

Name of anti-	B			Kit n	ame		
Name of option	Remark		FHQ71BVV1B	FHQ100BVV1B	FHQ125BVV1B	FHQ140CAVEA	
Fresh air intake kit			KDDQ8				
Drain pump kit				KDU50N125VE		KDU50P140VE	
L-type piping kit (for upward direction)				KHFP5MA160		KHFP5N160	
Remote controller	Wireless type	Heat pump		BRC7GA53			
	Wired type ¹ "Nav Ea	se"		1E62			
Central remote controller				DCS302CA61 ²			
Unified ON/OFF controller	Unified ON/OFF controller			DCS301BA61 ²			
Schedule timer			DST301BA61 ²			DST301BA61 ³	
Intelligent Touch Controller				DCS601C51 3			
Adaptor for wiring			KRP1BA54				
Wiring adaptor for electrical appendice	S ⁴		KRP4AA52				
Interface adaptor for SkyAir series				DTA112BA51			
Installation box for adaptor PCB				KRP1D93A			
Remote sensor (for indoor temperature	e)		KRCS01-1B KRC				
Electrical box with earth terminal (3 blo	cks)		KJB311AA				
Electrical box with earth terminal (2 blo	cks)		KJB212AA				

■ WALL MOUNTED TYPE

Name of author	B		Kit na	ame			
Name of option	Remark		FAQ71CVEA	FAQ100CVEA			
Drain-up kit			K-KDU572EVE				
Remote controller	Wireless type	Heat pump	BRC7E	B518			
	Wired type1 "Nav E	ase"	BRC1	E62			
Remote sensor (for Indoor temperat	ure)		KRCS01-4B				
Central remote controller ²	Central remote controller ²			DCS302CA61			
Unified ON/OFF controller ²			DCS301	BA61			
Schedule timer ²			DST301BA61				
Intelligent Touch Controller ²			DCS60	1C51			
Wiring adaptor for electrical append	ices ³		KRP4A	AA51			
Installation box for adaptor PCB			KRP4A	AA93			
Electrical box with earth terminal (3	blocks)		KJB311AA				
Electrical box with earth terminal (2	blocks)		KJB212AA				
Noise filter (For electromagnetic interest of the second	erface use only)		KEK26-1A				

Outdoor unit

Name of option	Kit name Heat pump					
	RZQ50KBV4A	RZQ60KBV4A		RZQ100KCV4A		
Central drain plug	RZQ100HAY4A RZQ125HAY4A RZQ140HAY4A KKPJ5F180					
Wire fixture for preventing overturning	K-KYZP15C					
Fixture for preventing overturning	KPT-60B160					
Demand adaptor	KRP58M51					

Note: 'Wiring for wired remote controller to be procured locally.

2 This optional accessory requires DTA112BA51.

3 The indoor unit is equipped standardly with the interface adaptor for SkyAir series. An option is unnecessary.

4 Installation box for adaptor PCB is necessary.

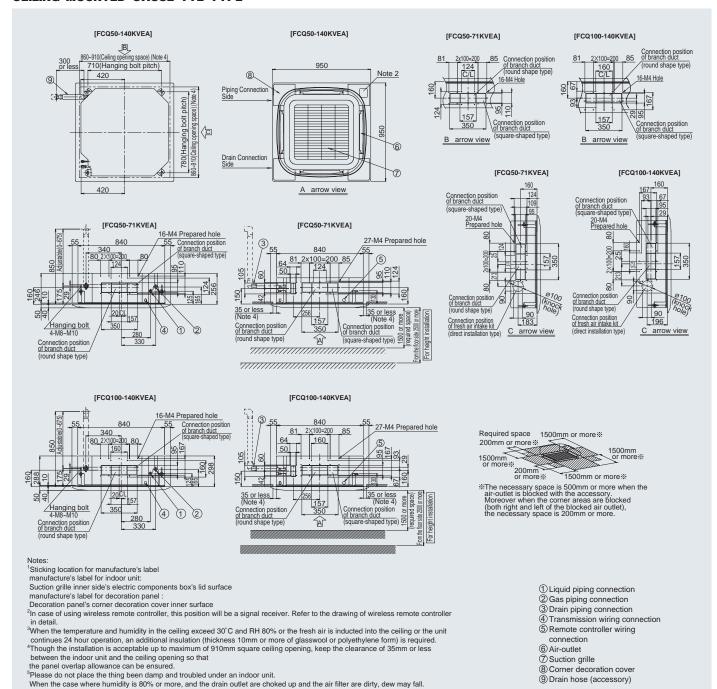
Note: ¹Wiring for wired remote controller to be procured locally.

²The indoor unit is equipped standardly with the interface adaptor for SkyAir series. An option is unnecessary.

³Installation box for adaptor PCB (KRP4AA93) is necessary.

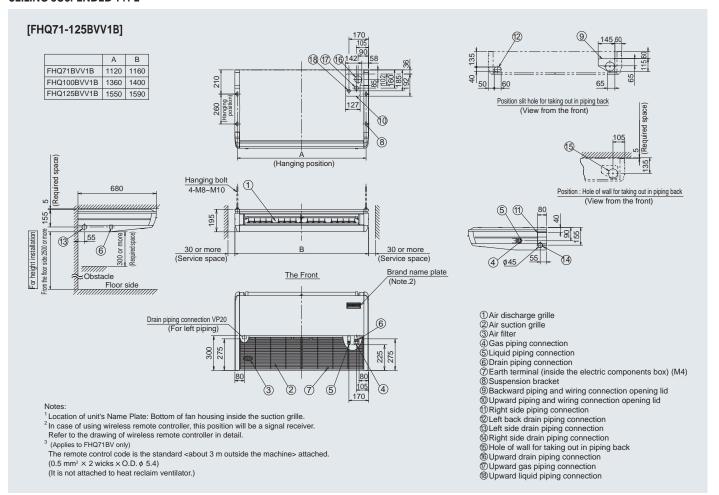
DIMENSIONS (Unit: mm)

CEILING MOUNTED CASSE TTE TYPE

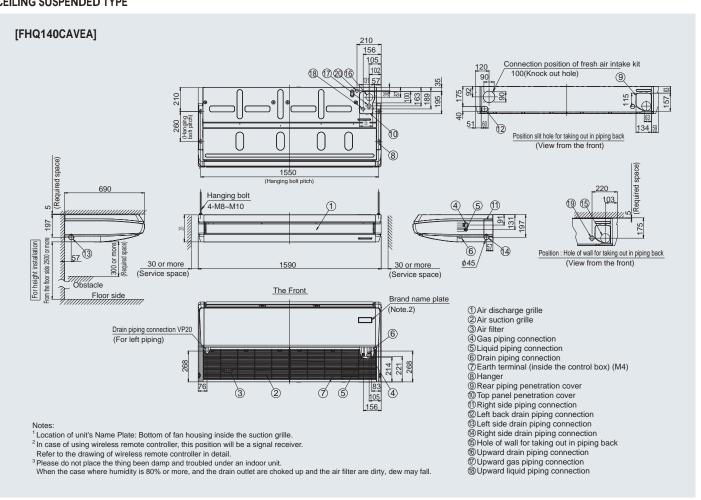


DIMENSIONS (Unit: mm)

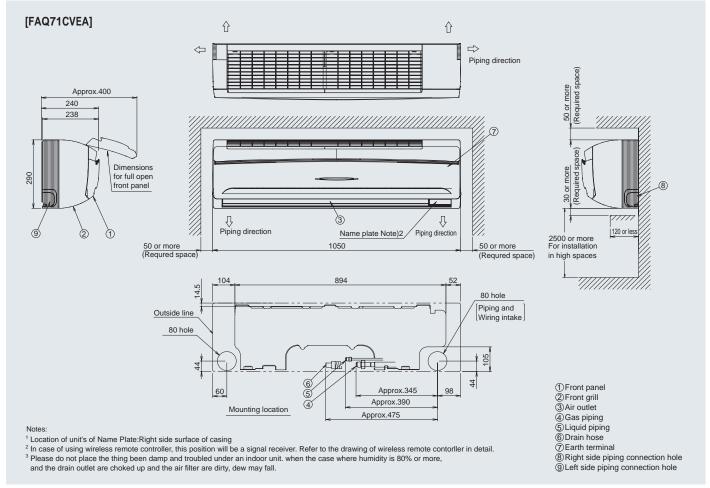
CEILING SUSPENDED TYPE



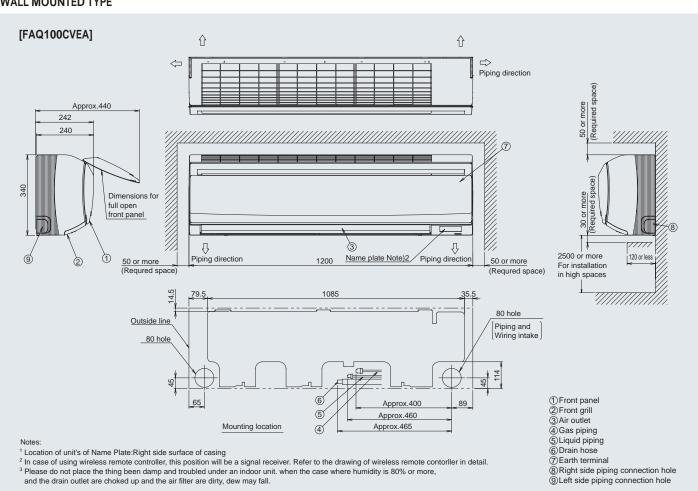
CEILING SUSPENDED TYPE



WALL MOUNTED TYPE

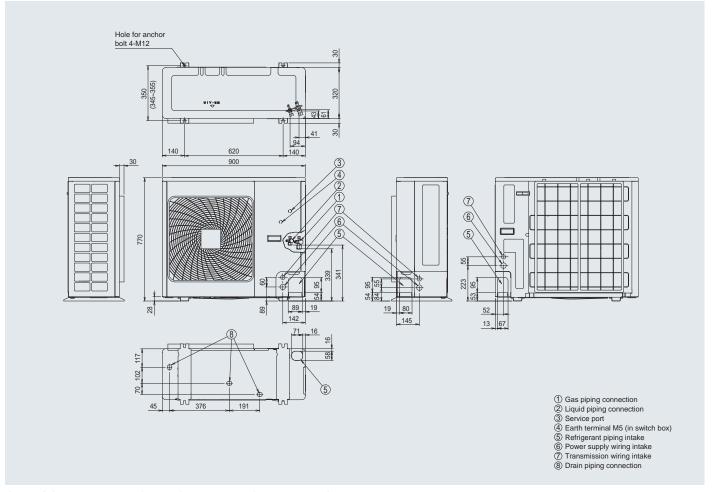


WALL MOUNTED TYPE

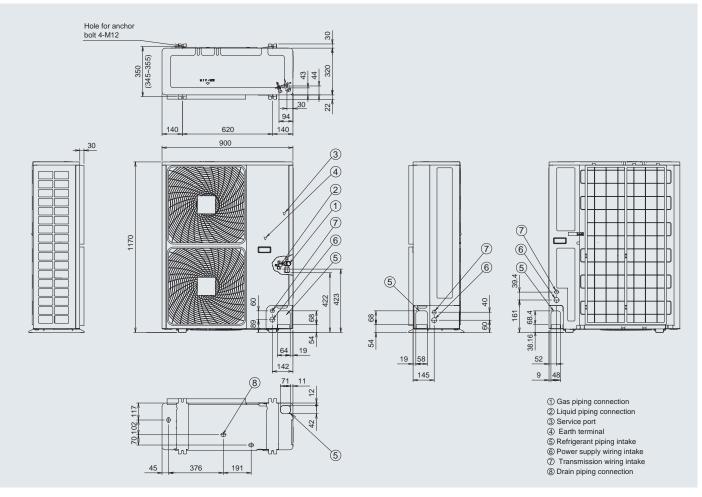


DIMENSIONS (Unit: mm)

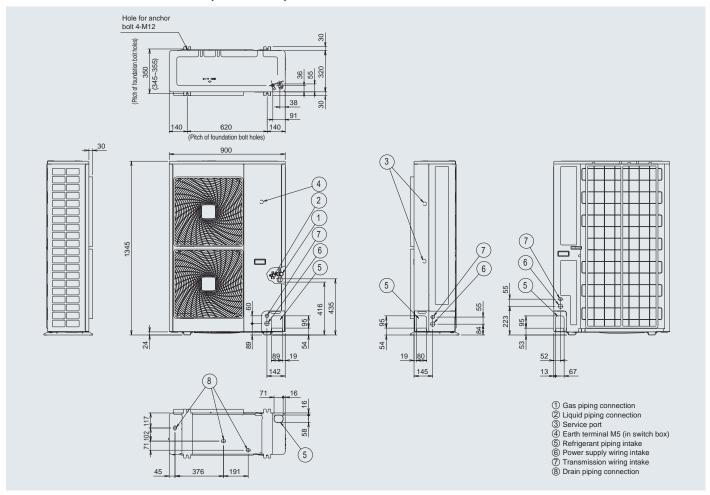
OUTDOOR UNIT // RZQ50KBV4A, 60KBV4A, 71KCV4A



OUTDOOR UNIT // RZQ100KCV4A, 125KCV4A, 140KCV4A

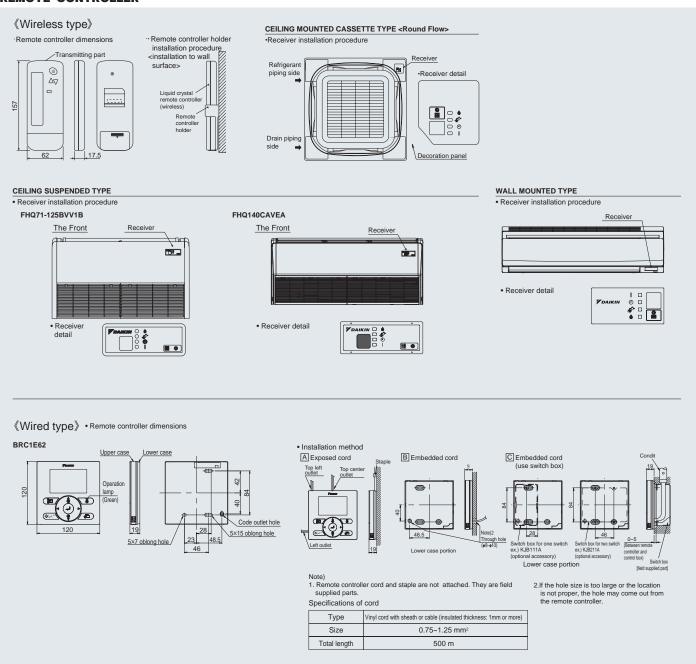


OUTDOOR UNIT // RZQ100HAY4A, 125HAY4A, 140HAY4A



DIMENSIONS (Unit: mm)

REMOTE CONTROLLER



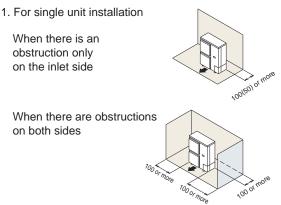
Installation service space for outdoor unit

■ For RZQ50/60KBV4A, RZQ71KC-140KCV4A, RZQ100-140HAY4A

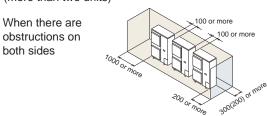
The values represent the case for the RZQ100-140KCV4A and RZQ100-140HAY4A. The dimensions in () are for the RZQ50/60KBV4A and RZQ71KCV4A (The unit values is mm.)

1 When there is an obstruction on the inlet side

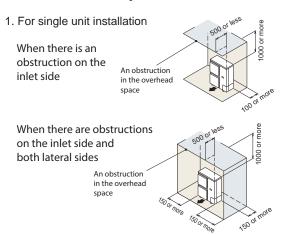
1) When the overhead space is open



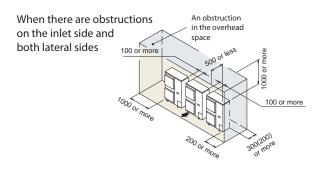
2. For series installation (more than two units)



2) When there is an obstruction in the overhead space

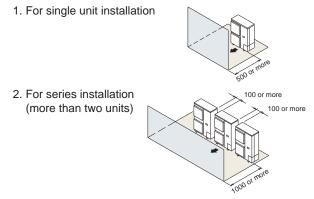


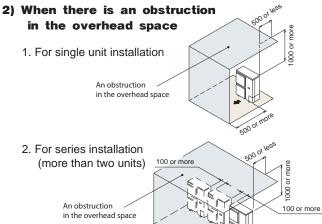
2. For series installation (more than two units)



2 When there is an obstruction on the outlet side

1) When the overhead space is open



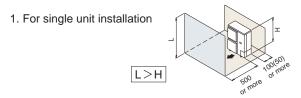


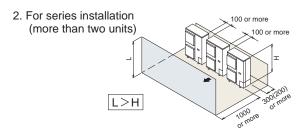
3 When there are obstructions on both the inlet and outlet sides

(When the obstruction on the outlet side is higher than the unit itself)

1) When the overhead space is open

(There is no limit to the height of the obstruction on the outlet side.)







- Ask a qualified installer or contractor to install this product. Do not try to install the product by yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any enquiries, please contact your local importer, distributor and/or retailer.

Cautions on product corrosion

- 1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
- 2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.

Organization: DAIKIN INDUSTRIES, LTD. AIR CONDITIONING MANUFACTURING DIVISION



Scope of Registration: The design/development and manufacture of commercial air conditioning, heating, cooling, refrigerating equipment, heating equipment, residential air conditioning equipment, heat reclaim ventilation, air cleaning equipment, compressors and



JQA-1452

Organization: DAIKIN INDUSTRIES (THAILAND) LTD.

Scope of Registration: The design / development and manufacture of air conditioners and the components including compressors used for them



Daikin Australia Pty Limited (ISO9001) QEC23256 May 12, 2006 Sydney, Brisbane, Adelaide, Melbourne Newcastle Townsville, Perth, Auckland



All of the Daikin Group's business facilities and subsidiaries in Japan are certified under the ISO 14001 international standard for environment management.



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