

**DAIKIN**

PCSID1415A

# SkyAir

AIR CONDITIONING SYSTEM [50Hz]

ROUND FLOW



Super Inverter

INVERTER



**R-410A**

# Daikin meets your needs with this full of indoor units and power supplies.

## CEILING MOUNTED CASSETTE TYPE <Round Flow>



## CEILING SUSPENDED TYPE



## WALL MOUNTED TYPE



# lineup of inverters for various types

## DUCT CONNECTION MIDDLE and HIGH STATIC PRESSURE TYPE





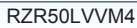



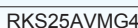

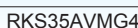











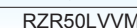

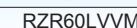




## FLOOR STANDING TYPE









## COMPACT MULTI FLOW CEILING MOUNTED CASSETTE TYPE







# Product *Lineup*

Series		25	35	50	60	
Pair	<b>CEILING MOUNTED CASSETTE TYPE</b>  <Round Flow> Indoor unit Outdoor unit			 FCQ50LUV14  RZR50LVVM4	 FCQ60LUV14  RZR60LVVM4	
	<b>COMPACT MULTI FLOW CEILING MOUNTED CASSETTE TYPE</b> Indoor unit Outdoor unit	 FFQ25BV1B4  RKS25AVMG4	 FFQ35BV1B4  RKS35AVMG4	 FFQ50BV1B4  RKS50AVMG4	 FFQ60BV1B4  RKS60AVMG4	
	<b>CEILING SUSPENDED TYPE</b> Indoor unit Outdoor unit		 FHQ35BV1B4  RKS35AVMG4	 FHQ50BVV1G4  RZR50LVVM4	 FHQ60BVV1G4  RZR60LVVM4	
	<b>WALL MOUNTED TYPE</b> Indoor unit Outdoor unit					
	<b>DUCT CONNECTION MIDDLE and HIGH STATIC PRESSURE TYPE</b> Indoor unit Outdoor unit			 FBQ50DV14  RZR50LVVM4	 FBQ60DV14  RZR60LVVM4	
	<b>FLOOR STANDING TYPE</b> Indoor unit Outdoor unit			 <b>NEW</b> FVQ50CVE4  RZR50LVVM4	 <b>NEW</b> FVQ60CVE4  RZR60LVVM4	

## OUTDOOR UNIT




<b>OUTDOOR UNIT</b>  Outdoor unit			 <b>NEW</b> RZR50LVVM4	 <b>NEW</b> RZR60LVVM4	
<b>OUTDOOR UNIT</b>  Outdoor unit	 RKS25AVMG4	 RKS35AVMG4	 RKS50AVMG4	 RKS60AVMG4	

	71	100	125	140
				
	FCQ71LUV14 RZR71LVVM4	FCQ100LUV14 RZR100LUY14	FCQ125LUV14 RZR125LUY14	FCQ140LUV14 RZR140LUY14


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	FHQ71BV1B4 RZR71LVVM4	FHQ100BV1B4 RZR100LUY14	FHQ125BV1B4 RZR125LUY14	





Page 13

				
		<b>NEW</b> FAQ100CVEA4 RZR100LVVM4		





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	FBQ71DV14 RZR71LVVM4	FBQ100DV14 RZR100LUY14	FBQ125DV14 RZR125LUY14	FBQ140DV14 RZR140LUY14

Page 17

				
	FVQ71CVEB4 RZR71LVVM4	FVQ100CVEB4 RZR100LUY14	FVQ125CVEB4 RZR125LUY14	FVQ140CVEB4 RZR140LUY14

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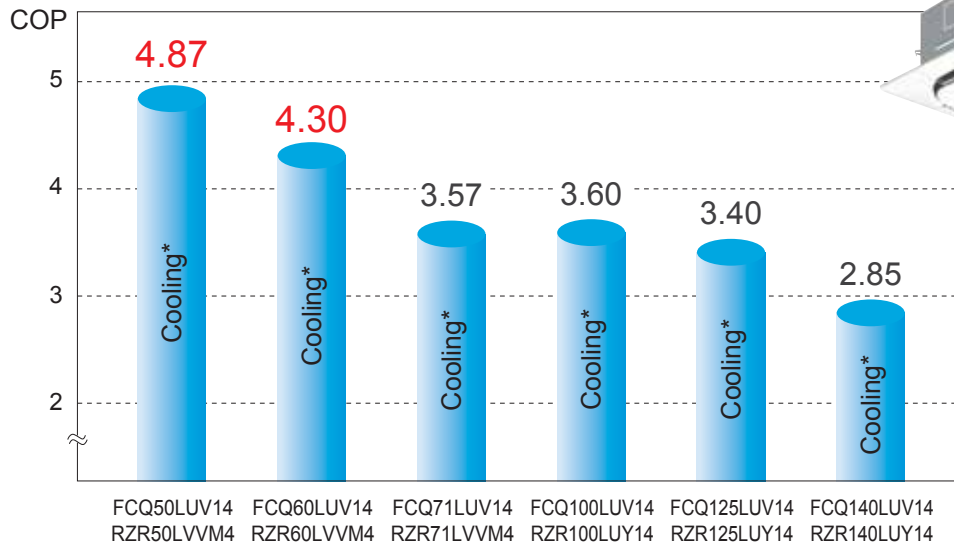
				
	<b>NEW</b> RZR71LVVM4	RZR100LVVM4/RZR100LUY14	RZR125LUY14	RZR140LUY14

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# Energy saving



Achieved higher COP



CEILING MOUNTED  
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.

# New types of indoor units



**NEW**



Wall mounted type  
10.0 kW class



**NEW**



Floor standing type  
5.0-14.0 kW class

# Wider lineup of inverters



Daikin meets your needs with this full lineup of inverters for various types of indoor units and power supplies.

**19 new combinations added!**

★ : New Lineup   ● : Continuous

				25	35	50	60	71	100	125	140
Pair	COMPACT MULTI FLOW CEILING MOUNTED CASSETTE TYPE		1 Phase	●	●	●	●				
	CEILING MOUNTED CASSETTE TYPE <Round Flow>		1 Phase			●	●	●			
			3 Phase						●	●	●
	CEILING SUSPENDED TYPE		1 Phase		●	●	●	●			
			3 Phase						●	●	
	WALL MOUNTED TYPE		1 Phase							★	
DUCT CONNECTION MIDDLE and HIGH STATIC PRESSURE TYPE		1 Phase			●	●	●				
		3 Phase						●	●	●	
FLOOR STANDING TYPE		1 Phase			★	★	●				
		3 Phase						●	●	●	

# Comfortable

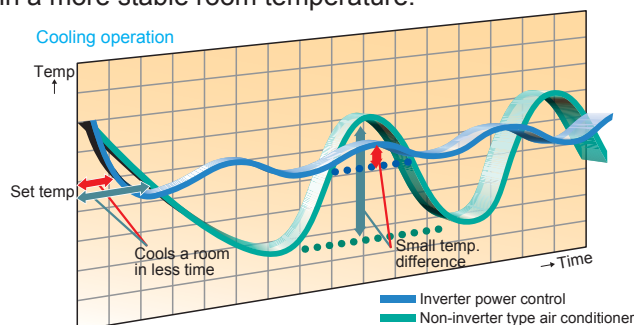


## Enhanced comfort with Inverter

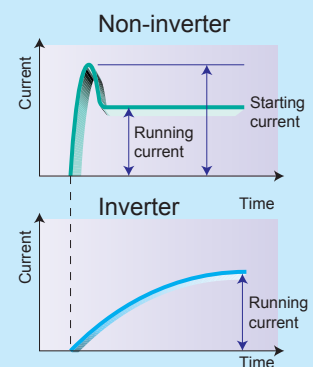
Inverter performs variable control of frequency, which determines air conditioner's power performance.

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.



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



# Cassette air conditioner with 360° uniform airflow sets the standard



Option

Accessory required for indoor unit.

## Wired LCD remote controller



BRC1C61

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

## Navigation Remote Controller

(Wired Remote Controller)



BRC1E62

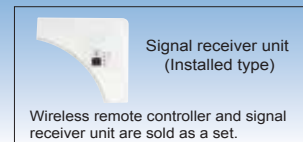
Note: Remote controller cable not included. Cables must be procured locally.

## Wireless LCD remote controller

A signal receiver must be added to the indoor unit.



BRC7F633F



Signal receiver unit (Installed type)

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

## Features

Comfort				Remote controller			Cleanliness	Work & Servicing					Control features					Options	Others														
Auto swing	Swing pattern selection	Switchable fan speed (2 step)	Programme "Dry"	High ceiling application	Two selectable temperature-sensors	Night quiet operation	Setpoint auto reset	Setpoint range set	Weekly schedule timer	Off timer (programmed)	On/Off timer	Anti-bacterial air filter	Silver ion anti-bacterial drain pan	Drain pump mechanism	Pre charged for up to 30 m	Long-life filter	Filter sign	Ceiling soiling prevention	Low gas pressure detection	Emergency operation	Self-diagnosis function	Auto-restart	Control by 2 remote controllers	Group control by 1 remote controller	External command control	Central remote control	Interlock control	DII-NET communication standard	High-efficiency filter	Ultra long-life filter	Fresh air intake kit	Anti corrosion treated heat exchangers	
●	●	●	●	●	*1	*2	*3	*3	*3	*3	*4	●	●	●	*2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	*2

\*1Applicable when wired remote controller is used

\*2For the outdoor units

\*3Applicable when BRC1E62 is used

\*4Applicable when BRC1C61 is used



- 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, 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 There are a total of 23 flow patterns.

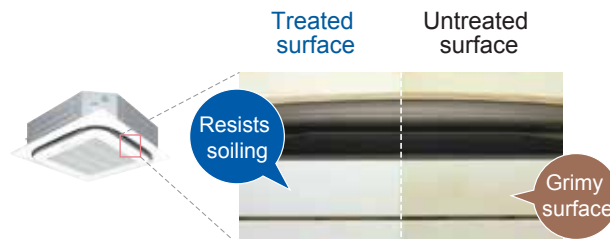
All-round flow	3-way flow	L-shaped 2-way flow	Opposite 2-way flow
(E.g., installed in middle of ceiling) 4-way flow also possible.	(E.g., installed near a wall)	(E.g., installed in a corner)	(E.g., installed in a long room)

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.

**External panels are treated with a coating that repels dirt.**

- 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**

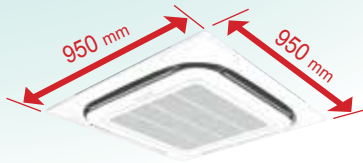
Condensation does not easily form on and dirt does not cling to non-flocking flaps. It is easy to clean.

- **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.



Same for all models

## Compact body and quiet operation

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

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

## Optimal comfort and convenience assured by air discharge modes

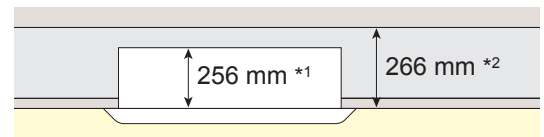
Note: Air direction is set to the standard position when the unit is shipped from the factory. The position can be changed from the remote controller.

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.

## 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

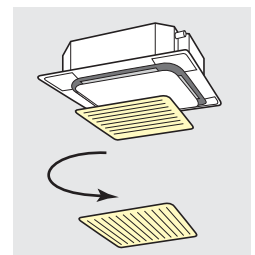
Each corner of the unit has an Adjuster Pocket that lets you easily adjust the unit's suspended height.

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

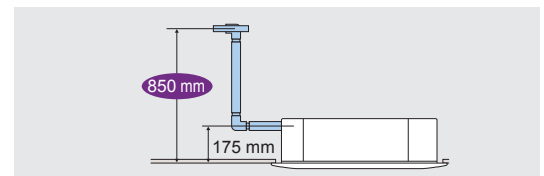
- All models can be installed without using lifter because of the light weight.

### 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.



- Connection to a centralised control system is available without option

- Low gas pressure detection

### 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

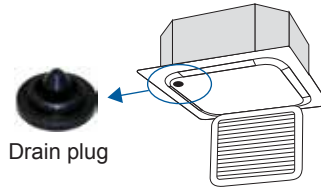
High setting provides maximum reach while low setting minimises drafts.

### 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.

## Easier to maintain

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



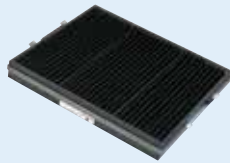
Just open the intake grille!

- 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/m<sup>3</sup> (Requires separately sold Air Cleaner.)  
1 year (Approx. 5,000 hr) ≈ 15 hr/day x 28 day/month x 12 month/year

Ordinary store or office: filter change every 4 years

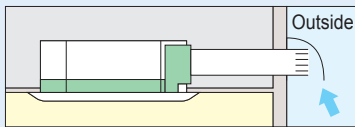
\*For dust concentration of 0.15 mg/m<sup>3</sup>  
4 years (Approx. 10,000 hr) ≈ 8 hr/day x 25 day/month x 4 years

### 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.



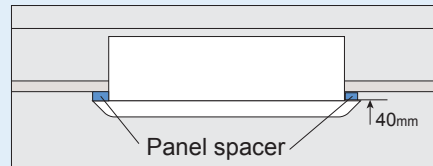
Note: \*Connecting ducts, insect nets, fire dampers, air filters, and other parts should, as required, be procured locally.

\*\*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)

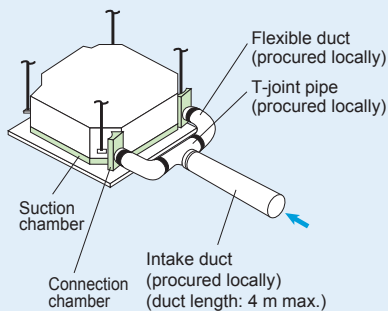
A round duct can be attached without the need for a chamber.

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

## The units can be installed in the following different ways.

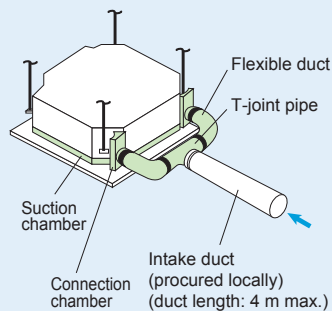
Chamber type  
(without T-joint pipe and fan)

KDDP55B160



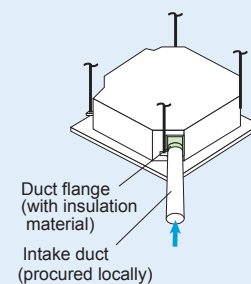
Chamber type  
(with T-joint pipe and without fan)

KDDP55B160K



Direct installation type

KDDP55X160



Note: Use of options will increase operating sound.

# Quiet decor-blending form and easy installation in new or old buildings.

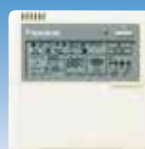


**FFQ25/35/50/60B**

**Option**

Accessory required for indoor unit.

**Wired LCD remote controller**



**BRC1C61**

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

**Navigation Remote Controller**

(Wired Remote Controller)



**BRC1E62**

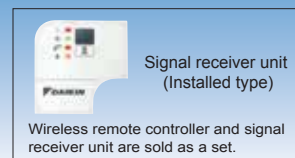
Note: Remote controller cable not included. Cables must be procured locally.

**Wireless LCD remote controller**

A signal receiver must be added to the indoor unit.



**BRC7E531W**



Signal receiver unit (Installed type)

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

**Features**

Comfort				Remote controller				Cleanliness		Work & Servicing					Control features					Option	Others					
Auto swing	Swing pattern selection	Switchable fan speed (2 step)	Programme "Dry"	Two selectable temperature-sensors	Setpoint auto reset	Setpoint range set	Weekly schedule timer	Off timer (programmed)	On/Off timer	Anti-bacterial air filter	Mould-proof drain pan	Drain pump mechanism	Pre charged for up to 10 m	Long-life filter	Filter sign	Ceiling soiling prevention	Self-diagnosis function	Auto-restart	Control by 2 remote controllers	Group control by 1 remote controller	External command control	Central remote control	Interlock control	Fresh air intake kit	Anti corrosion treated heat exchangers	
●	●	●	●	*1	*2	*2	*2	*2	*3	●	●	●	*4	●	●	●	●	●	●	●	●	●	●	●	●	*4

\*1Applicable when wired remote controller is used

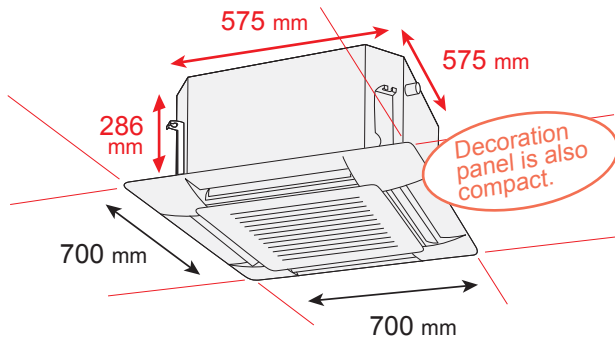
\*2Applicable when BRC1E62 is used

\*3Applicable when BRC1C61 is used

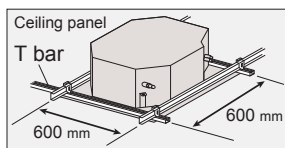
\*4For the outdoor units

## Compact

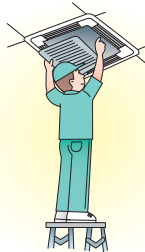
- Sized to fit inside 600mm wide ceiling grids



- Fits without the need to cut T-bar grid



The switch box is built in to the unit, so maintenance is possible by simply removing the grill. An inspection opening is not required even for modules other than 600 x 600.



## Quiet

- Quiet, small-diameter fan

Quiet operation has been achieved even with a compact body and developed spiral hub cover that reduces the static pressure inside the indoor unit.



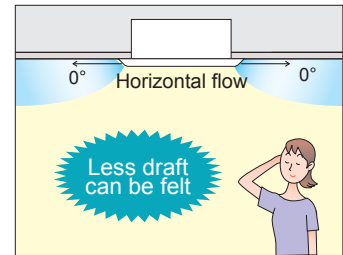
Spiral hub cover →

Indoor unit	dB(A)	
	High	Low
25B	29.5	24.5
35B	32	25
50B	36	27
60B	41	32

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

## Comfortable

- Designed for low draft performance



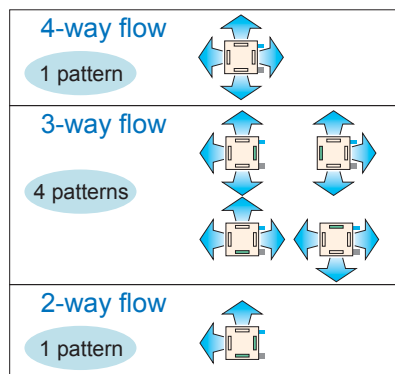
- Consistent comfort throughout

- Auto-swing operation distributes conditioned air more evenly.
- Airflow angle can be adjusted in accordance with room conditions.

	Auto-swing	5-levels air direction setting
Standard setting	Auto-swing between 0° and 60°	Settable to 5 different levels between 0° and 60°
Draft prevention setting (Set on site)	Auto-swing between 0° and 35°	Settable to 5 different levels between 0° and 35°
Setting to prevent soiling of ceiling (Set on site)	Auto-swing between 25° and 60°	Settable to 5 different levels between 25° and 60°

Note: This angle above is provided as a guide. It may differ depending on the installation site.

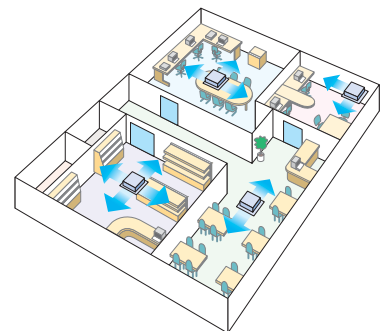
- Multi-Flow System



■ denotes piping direction. ■ Drain piping  
■ denotes sealing member for air discharge outlet (option).

Note: For 3-way or 2-way flow installation, the sealing member for air discharge outlet (option) must be used to close off the unused outlet(s).

- Air direction can be selected according to installation.



Note: Operation sound increases when using 2-way or 3-way flow.

- 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.

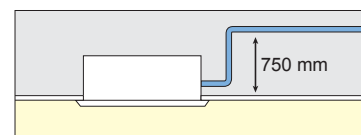
\*Temperature-sensor on indoor unit must be used when the air conditioner is controlled from another room.

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

- Switchable fan speed: High/Low

High setting provides maximum reach while low setting minimises drafts.

- Drain pump is equipped as standard accessory with 750 mm lift.



# Comfortable airflow travels throughout the room



**Option**

Accessory required for indoor unit.

**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**

A signal receiver must be added to the indoor unit.



**BRC7EA66**

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

**Features**

Comfort			Remote controller				Cleanliness	Work & Servicing						Control features				Others									
●	●	●	*1	*2	*3	*4	*4	*4	*4	*5	●	*6	*3	*7	●	●	*3	*3	●	●	●	●	●	●	●	●	*8

\*1 Installable on max. 3.5 m high ceiling

\*2 Applicable when wired remote controller is used

\*3 Applicable to RZR outdoor units

\*4 Applicable when BRC1E62 is used

\*5 Applicable when BRC1C61 is used

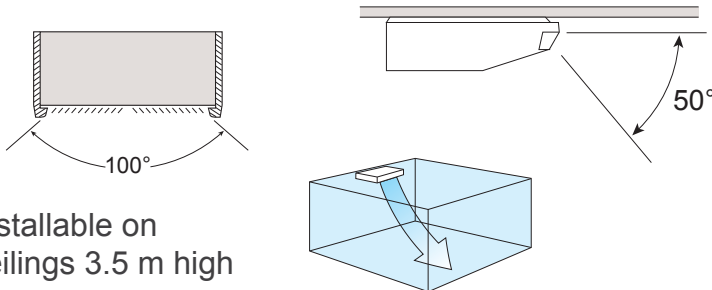
\*6 Option

\*7 Applicable to RKS outdoor units

\*8 For the outdoor units

## Diffuses comfortable air throughout the room

- Auto-swing (up&down) brings comfort to the room.
- Wide air discharge openings produce a spreading 100° airflow
- Air is blown up to 50° in the downward direction.



- Installable on ceilings 3.5 m high

- 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

- Programme "Dry"

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

## Installation flexibility for freedom of design

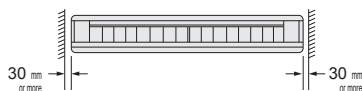
- Uniform height and depth. Compact design for small-capacity models to meet tighter dimensional constraints.

(mm)

Indoor unit	35BV1B4	50/60BVV1G4 71BV1B4	100BV1B4	125BV1B4
Height	195			
Width	960	1,160	1,400	1,590
Depth	680			

- Flexible installation

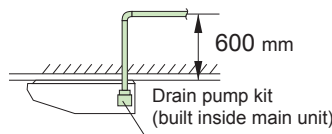
The unit fits more snugly into tight spaces.



\*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

Plastic cover is used to conceal piping work holes. When piping work the cover is easily taken off, and after piping work easily attached again to conceal the holes.

- Low gas pressure detection (Applicable to RZR outdoor units)

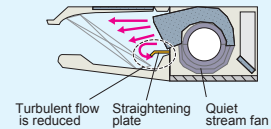
## Quiet operation

- Sound operation has been reduced on the exposed ceiling suspended type unit.

Indoor unit	dB(A)	
	High	Low
35BV1B4	37	32
50/60BVV1G4	39	35
71BV1B4	39	35
100BV1B4	42	37
125BV1B4	44	39

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.



## Easier to maintain

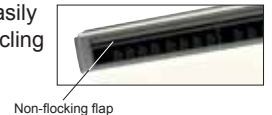
- Long-life filter lasts about 1 year\*

\* For dust concentration of 0.15 mg/m<sup>3</sup>

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.



- Easy-clean, flat surfaces

It is easy to wipe dirt off the flat side and lower surfaces of the unit.

- For all maintenance tasks, access is from bottom surface.

## 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



**NEW** FAQ100C

**Option**

Accessory required for indoor unit.

**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**

A signal receiver must be added to the indoor unit.



**BRC7EB519**



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

**Features**

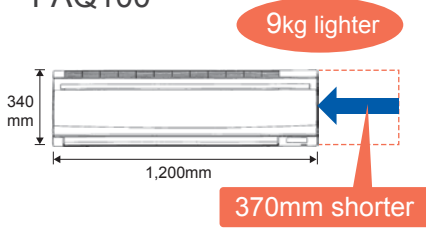
Comfort			Remote controller				Cleanliness	Work & Servicing					Control features					Others								
Auto swing	Switchable fan speed (3 step)	Auto airflow rate	High fan speed mode	Programme "Dry"	Two selectable temperature-sensors	Night quiet operation	Setpoint auto reset	Setpoint range set	Weekly schedule timer	Off timer (programmed)	On/Off timer	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	Control by 2 remote controllers	Group control by 1 remote controller	External command control	Central remote control	Interlock control	DLI-NET communication standard	
●	●	*1	●	●	*2	*3	*1	*1	*1	*1	*4	●	*5	*3	●	*3	●	●	●	●	●	●	●	●	●	

\*1Applicable when BRC1E62 is used  
 \*2Applicable when wired remote controller is used  
 \*3For the outdoor units  
 \*4Applicable when BRC1C61 is used  
 \*5Option



## Compact & Sophisticated design

### FAQ100



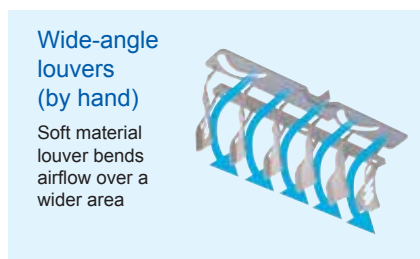
	FAQ100BV	FAQ100C
Height	360mm	340mm
Width	1,570mm	1,200mm
Depth	200mm	240mm
Weight	26kg	17kg

- Flaps neatly close when not in use

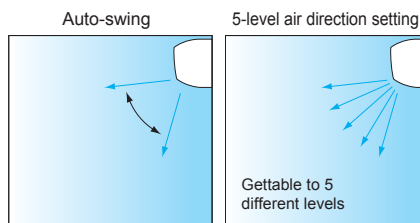


## Comfortable

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

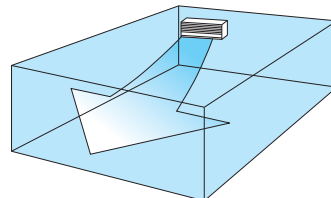


- An air discharge modes ensure comfortable air distribution across the entire room



- Comfort even on the far side of the room

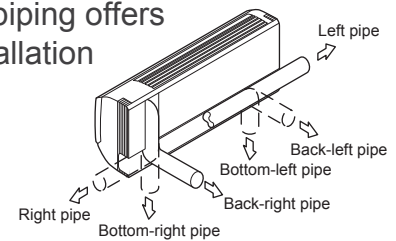
To carry air to the far side of long rooms, extra-high airflow adds 10% more fan speed the "high" setting. Air discharge strength is selected from the remote controller by field setting.



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

## Easy installing and servicing

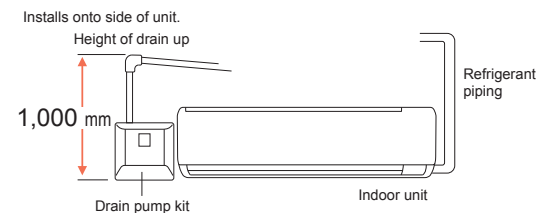
- 6-direction piping offers greater installation flexibility.



- 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.



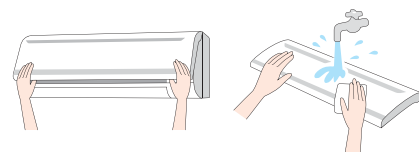
Drain pump kit can be installed on either left and right side of the air conditioner.



- 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.

# Enhance comfort using cleverly placed ducts



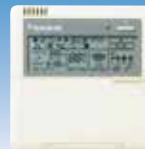
FBQ50/60/71/100/125/140D



**Option**

Accessory required for indoor unit.

**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**

A signal receiver must be added to the indoor unit.



**BRC4C64**



Signal receiver unit  
(Separate type)

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

**Features**

Comfort				Remote controller				Cleanliness		Work & Servicing						Control features						Option	Others					
Switchable fan speed (2 step)	Programme "Dry"	Two selectable temperature-sensors	Night quiet operation	Setpoint auto reset	Setpoint range set	Weekly schedule timer	Off timer (programmed)	On/Off timer	Anti-bacterial air filter	Silver ion anti-bacterial drain pan	Drain pump mechanism	Pre charged for up to 30 m	Long-life filter	Filter sign	Low gas pressure detection	Emergency operation	Self-diagnosis function	Auto-restart	Control by 2 remote controllers	Group control by 1 remote controller	External command control	Central remote control	Interlock control	DIJ-NET communication standard	High efficiency filter	Anti corrosion treated heat exchangers		
●	●	*1	*2	*3	*3	*3	*3	*4	*5	●	●	*2	*5	●	*2	●	●	●	●	●	●	●	●	●	●	●	●	*2

\*1Applicable when wired remote controller is used

\*2For the outdoor units

\*3Applicable when BRC1E62 is used

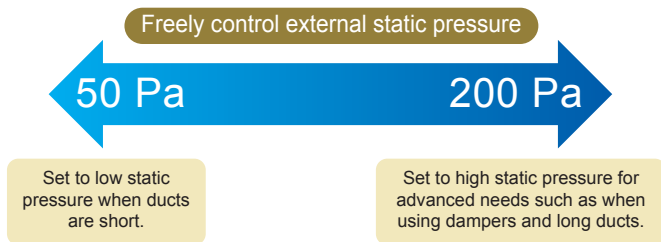
\*4Applicable when BRC1C61 is used

\*5Option

## 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.



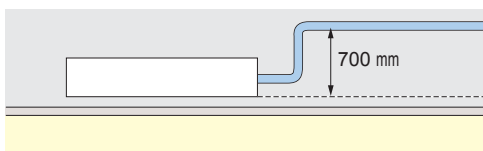
## Thin, lightweight indoor unit makes delivery and installation easy.

- With a height of only 300 mm, installation is possible even in buildings with narrow ceiling spaces.



Indoor unit	50/60/71D	100D	125D	140D
Height (mm)	300			
Width (mm)	1,000	1,400		
Depth (mm)	700			
Machine weight (kg)	36	46		

- Drain pump is equipped as standard accessory with 700 mm lift.



## 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.)

- Adjust to approximately  $\pm 10\%$  of the rated H tap airflow.
- Once actual operation has begun, adjustment of the rated airflow is not possible.

- Easier connection with the centralised control system

## Quiet operation

	50/60/71D	100D	125/140D
High	37	38	40
Low	32	33	36

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

## 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.

## 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.

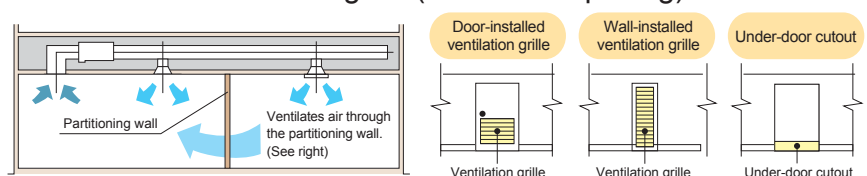
This feature requires initial setting by the installer.

\*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.

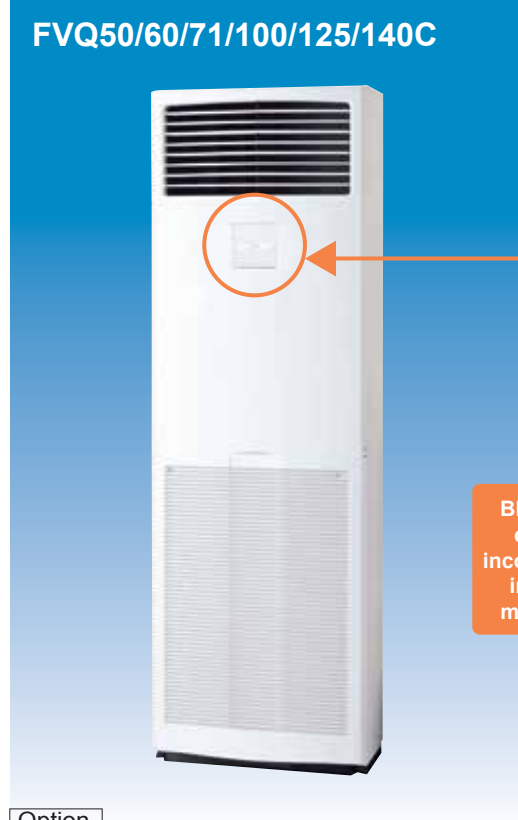
## Simultaneous air conditioning of two rooms and ventilation grille (ventilation opening)

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 airflow control for more comfort



**BRC1E62** can be incorporated into the main unit.

Option

Accessory required for indoor unit.


**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.

## Features

Comfort				Remote controller				Cleanliness	Work & Servicing					Control features					Others									
Auto swing	Independent up-and-down airflow	Switchable fan speed (3 step)	Auto airflow rate	High fan speed mode	Programme "Dry"	Two selectable temperature-sensors	Night quiet operation	Setpoint auto reset	Setpoint range set	Weekly schedule timer	Off timer (programmed)	On/Off timer	Anti-bacterial air filter	Pre charged for up to 30 m	Long-life filter	Filter sign	Low gas pressure detection	Emergency operation	Self-diagnosis function	Auto-restart	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	*2	●	*3	*4	*1	*1	*1	*1	*5	●	*4	●	●	*4	●	●	●	●	●	●	●	●	●	●	*4

\*1Applicable when BRC1E62 is used

\*2Applicable for FVQ50-100

\*3Applicable when wired remote controller is used

\*4For the outdoor units

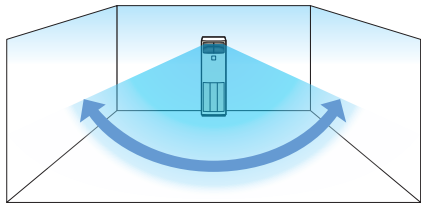
\*5Applicable when BRC1C61 is used

## ■ New comfortable airflow control

### 1) Left and right directions (by remote controller)

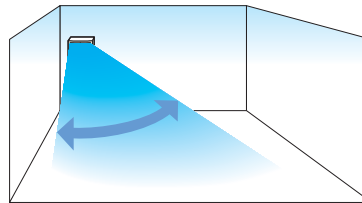
- Auto swing direction is selectable from 3 patterns to suit the layout of the room.  
(Applicable when BRC1E62 is used.)

**Pattern 1** Wide swing toward the front



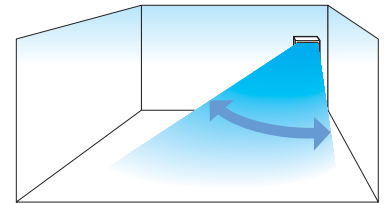
When installed in the center of a wall.

**Pattern 2** Swing on the left side



When installed in the corner of a room.

**Pattern 3** Swing on the right side



### 2) Up and down directions (by hand)

- Independent up-and-down airflow directions facilitate even room temperature and help save energy.

Freely select both up and down airflow direction with 8-louver (horizontal blade) operation.



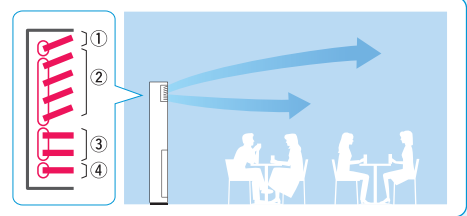
#### New unit

- 
- ① Upper louver (1)
  - ② Upper interlocking louvers (4)
  - ③ Lower interlocking louvers (2)
  - ④ Lower louver (1)
- Each set of louvers ① to ④ can be independently adjusted. (Manual adjustment)

#### Example applications

##### When cooling

Turning louvers ① and ② upward and leaving ③ and ④ horizontal will reduce uneven room temperature.



## ■ Comfortable fan speed control

- Switchable fan speed: High/Middle/Low and Auto  
("Auto" is applicable when BRC1E62 is used.)
- Auto airflow rate is selectable.  
Airflow rate is automatically controlled in accordance with the difference between room temperature and set temperature.
- High fan speed mode (applicable for FVQ50-100)  
To carry airflow to the far side of the room, airflow rate can be increased 5% or 10% depending on the installation condition or customer's request. (Field setting by remote controller.)
- Programme "Dry"  
Dehumidification is microprocessor controlled to prevent abrupt and uncomfortable changes in air temperature.

## ■ Energy saving

- A DC fan motor improves efficiency.

## ■ Quiet operation

	dB(A)			
Indoor unit	50/60/71C	100C	125C	140C
High	43	50	51	53
Middle	41	47	48	51
Low	38	44	46	48

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

## ■ Quick and easy installation and maintenance

### • Lightweight indoor unit

Enables smooth transport and installation of the indoor unit.

	(kg)			
Indoor unit	50/60/71C	100C	125C	140C
Weight	39	47		

- Long-life filter lasts about 1 year \* maintenance not required

\* For dust concentration of 0.15 mg/ m<sup>3</sup>

- Employs a safety lock function of suction grill.  
The grill will not open even upon impact.
- Easier connection with the centralised control system.

# Super Inverter

# Compact Outdoor unit



RZR50LVVM4  
RZR60LVVM4  
RZR71LVVM4



RZR100LVVM4



RZR100LUY14  
RZR125LUY14  
RZR140LUY14

## Easy installation and maintenance

Pre charged for up to 30 metres

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

Long piping length

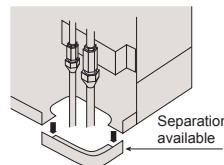
■ Allowed refrigerant piping length and level difference

	ALL model
Pre charged <sup>1</sup>	30 m
Max. length (Equivalent length 70m)	50 m
Max. level difference	30 m

Note : <sup>1</sup>Additional refrigerant charging is required if the refrigerant pipe is longer than the length.

4-direction piping offers greater layout freedom (RZR100-140 only)

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.

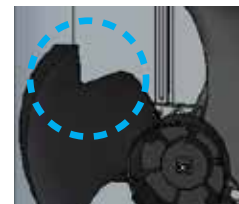
Low gas pressure detection function

Effective gas monitoring reduces the labor required for operation, maintenance, and repairs.

## Energy saving

(RZR50-71 only)

Through use of a V-cut propeller fan that imitates the efficiency of the swan, a migratory bird, airflow becomes smooth and loss is reduced.



Φ550 V-cut propeller fan



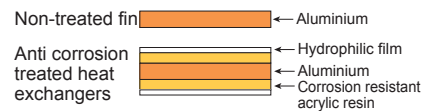
Imitating the performance of the swan

## Durability

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

Heat exchange fins provided with anti-corrosion treatment

Construction



## Demand Control Function

(RZR100-140 only)

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

## Night time quiet operation function

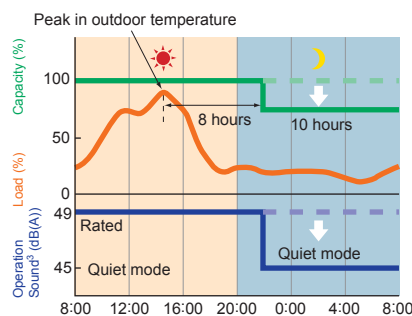
The Automatic night quiet mode will initiate 8 hours after the peak temperature is reached in the daytime, and normal operation will resume 10 hours after that.

★ Reducing noise will reduce capacity slightly.

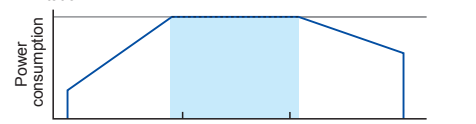
	Sound level <sup>1</sup> (dB(A))	
	Rated <sup>2</sup>	Night Quiet Mode
RZR50/60LVVM4	48	44
RZR71LVVM4	48	44
RZR100LVVM4/LUY14	49	45
RZR125LUY14	50	45
RZR140LUY14	50	46

Note : <sup>1</sup>Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

<sup>2</sup>Value when cooling. Value will differ when heating.



Limitation



\* Required for KRP58M51 (Option)

# Technology for energy efficiency

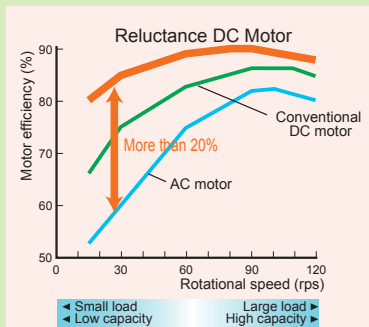
## The high efficiency compressor to achieve a high COP

### 1 Compressor equipped 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.

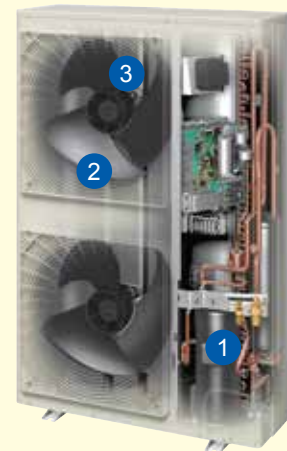
This motor can save energy because it generates more power with a smaller electric power than an AC or conventional DC motor.



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.

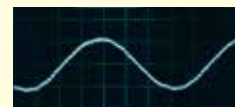
\*2. The torque created by the change in power between the iron and magnet parts.



### >> Smooth sine wave DC inverter

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

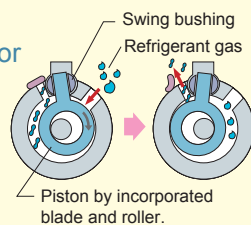
Sine wave DC inverter



RZR50/60/71/100LVVM4

### >> Swing compressor

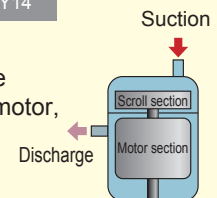
Energy savings is realised, eliminating the friction and the leakage of refrigerant gas.



RZR125/140LVVM4, RZR100/125/140LUY14

### >> 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.



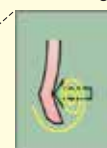
### 2 Smooth Air Inlet Bell Mouth and Aero Spiral Fan

(RZR100-140 only)

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.

DC fan motor structure



# Easy-to-read LCD remote controller allows various system

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

## Navigation Remote Controller (Wired Remote Controller BRC1E62)

**NEW**

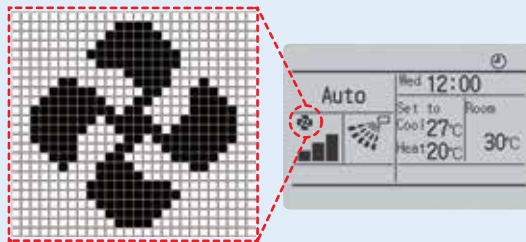


This simple, modern designed remote controller with fresh white colour matches your interior design. Operation is much easier and smoother, just follow the indications on the navigation remote controller.

### Clear Display

#### Dot matrix display

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



#### Backlight display

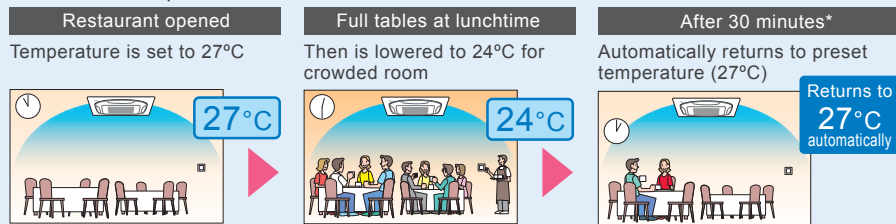


### Energy saving

#### **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



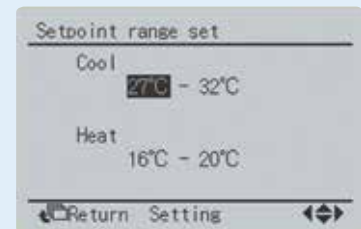
\*Setting possible for after 30, 60, 90, and 120 minutes.

#### 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

#### 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)

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).



# control configurations and can control multiple indoor units.

## Wired LCD remote controller

Easy to read because of large LCD screen.



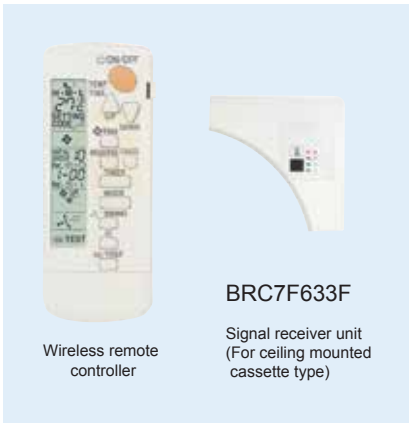
BRC1C61

- 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



Wireless remote controller

BRC7F633F

Signal receiver unit (For ceiling mounted cassette type)

- 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.

### Facilitates maintenance and repair

- All initial settings can be set from the remote controller. After interior construction is complete, ceiling mounted cassette type 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.

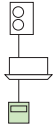

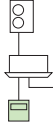


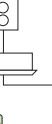





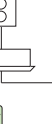


## Wireless remote controller for each indoor unit type

CEILING MOUNTED CASSETTE TYPE	BRC7F633F
COMPACT MULTI FLOW TYPE	BRC7E531W
CEILING SUSPENDED TYPE	BRC7EA66
WALL MOUNTED TYPE	BRC7EB519
DUCT CONNECTION MIDDLE and HIGH STATIC PRESSURE TYPE	BRC4C64

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

<b>Airflow / swing display</b>	Displays auto-swing operating status and setting position of air discharge angle.
<b>Preset temperature / operation mode display</b>	Displays preset room temperature and operating status (fan, dry, cool).
<b>Programming time display</b>	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.
<b>Self-diagnosis function</b>	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
<b>Control by 1 remote controller</b>	(Basic system)	 <ul style="list-style-type: none"> <li>● Non-polar, double-core (max. wiring length 500 m)</li> </ul>	 <ul style="list-style-type: none"> <li>● Signal receiver unit installed on indoor unit</li> </ul>
<b>Control by 2 remote controllers</b>	For control from 2 locations such as in room and control room, exits, etc.	 <ul style="list-style-type: none"> <li>● Connects 2 wired remote controllers (See note 1)</li> </ul>	 <ul style="list-style-type: none"> <li>● Control by 1 wireless remote controller and 1 wired remote controller (See note 2, 3)</li> <li>● Signal receiver unit installed on indoor unit</li> </ul>
<b>Group control</b>	For simultaneous control of up to 16 indoor units.	 <ul style="list-style-type: none"> <li>● Automatic address setting function</li> </ul>	 <ul style="list-style-type: none"> <li>● Automatic address setting function</li> <li>● Signal receiver unit installed on 1 indoor unit</li> </ul>
<b>Control by external command</b>	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"> <li>● Optional wiring adaptor for electrical appendices is necessary</li> </ul>	 <ul style="list-style-type: none"> <li>● Optional wiring adaptor for electrical appendices is necessary</li> </ul>
<b>Centralised remote control</b>	Centralised control of up to 64 indoor groups from remote location up to 1 kilometer away.	 <ul style="list-style-type: none"> <li>● Central remote controller (option)</li> <li>● Interface adaptor for SkyAir series (option) is required (See note 4)</li> </ul>	 <ul style="list-style-type: none"> <li>● Central remote controller (option)</li> <li>● Interface adaptor for SkyAir series (option) is required (See note 4)</li> </ul>
<b>Interlock control with Heat Reclaim Ventilator</b>	Link by remote controller group control.	 <ul style="list-style-type: none"> <li>● Can be operated simultaneously or independently by remote controller (set by ventilation mode)</li> </ul>	 <ul style="list-style-type: none"> <li>● Can be operated simultaneously by remote controller (set by ventilation mode)</li> </ul>
	Zone link control by centralised control.	 <ul style="list-style-type: none"> <li>● Heat Reclaim Ventilator for indoor units within a zone are operated by interlocking. Can also be operated independently by remote controller.</li> </ul>	 <ul style="list-style-type: none"> <li>● Heat Reclaim Ventilator for indoor units within a zone are operated by interlocking.</li> </ul>

Note: <sup>1</sup>BRC1E62 can connect to BRC1E62 only.

<sup>2</sup>It is not possible to use two wireless remote controllers.

<sup>3</sup>BRC1E62 cannot connect to wireless remote controller.

<sup>4</sup>The ceiling mounted cassette type <Round Flow>, wall mounted type, duct connection middle and high static pressure type, and floor standing type 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.

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.

**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.

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>, wall mounted type, duct connection middle and high static pressure type, and floor standing type.

# Abundance of functions 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

### Auto-swing

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

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

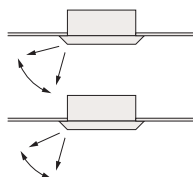
### Swing pattern selection

(standard, ceiling soiling prevention)

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

(1) Air direction in standard setting

(2) Air direction in ceiling soiling prevention setting



### Independent up-and-down airflow

Independently adjust (manually) the eight horizontal blade louvers in both up and down directions to achieve an airflow that reduces uneven room temperature.

### 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

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

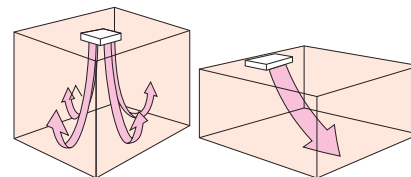
• Applicable for wall mounted type

### Programme "Dry"

Dehumidification is 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

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

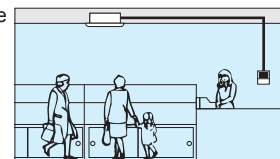


Note: When units are installed on high ceilings, depending on the model, various restrictions concerning maximum height, air discharge direction, and choice of options may apply.

### Two selectable temperature-sensors

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

### 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.

### 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.

## 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.

### Mould-proof drain pan

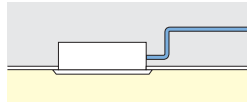
Mould-proof drain pan prevents growth of mould in highly humid conditions.

• 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

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

\*Applicable to RZR50-140.  
RXS50FA/60F/71F, RKS25A-60A : 10 m

### Long-life filter

Maintenance is not required for one year (two years when a ceiling mounted cassette type is used).

### 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

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 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 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.

### 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

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

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

### Ultra long-life filter

Requires no maintenance for about 4 years\* (10,000h) in stores and offices.

\*For dust concentration of 0.15 mg/m<sup>3</sup>

### Fresh-air intake kit

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				
Model Name	Indoor unit		FCQ50LUV14	FCQ60LUV14	FCQ71LUV14	FCQ100LUV14	FCQ125LUV14	FCQ140LUV14				
	Outdoor unit		RZR50LVVM4	RZR60LVVM4	RZR71LVVM4	RZR100LUV14	RZR125LUV14	RZR140LUV14				
Power supply			1 Phase, 220-240 V, 50 Hz			3 Phase, 380-415 V, 50 Hz						
Cooling capacity <sup>1,2</sup> Rated (Min. - Max.)			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)			
			Btu/h	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)			
Power consumption			Cooling <sup>1</sup>		kW	1.03	1.40	1.99	2.78	3.68	4.91	
COP			W/W			4.87	4.30	3.57	3.60	3.40	2.85	
Indoor unit	Colour		Unit		Fresh white							
	Decoration panel											
	Airflow rate (H/L)		m <sup>3</sup> /min		21/13.5			32/20		33/22.5		
			cfm		741/477			1,130/706		1,165/794		
	Sound level (H/L) <sup>3</sup>		dB(A)		35/28			43/32		44/34		44/36
	Dimensions (H×W×D)		Unit		256×840×840			298×840×840				
	Decoration panel		50×950×950									
Machine weight		Unit		21			24					
Decoration panel		5.5										
Certified operation range			Cooling		°CWB							
			14 to 25									
Outdoor unit	Colour		Ivory white									
	Compressor		Type		Hermetically sealed swing type			Hermetically sealed scroll type				
	Motor output		kW		1.12	1.35	1.76	1.8	2.4	3.1		
	Refrigerant charge (R-410A)		kg		1.6 (Charged for 30 m)			2.7 (Charged for 30 m)		3.7 (Charged for 30 m)		
	Sound level <sup>3</sup>		Cooling		dB(A)		48		49		50	
			Night quiet mode		dB(A)		44		45		46	
	Dimensions (H×W×D)		mm		595×845×300			1,170×900×320				
	Machine weight		kg		43			92		97		
	Certified operation range			Cooling		°CDB						
				21 to 46								
Piping connections	Liquid (Flare)		mm		ø9.5							
	Gas (Flare)		mm		ø15.9							
	Drain		Indoor unit		VP25 (I.D.ø25×O.D.ø32)							
			Outdoor unit		ø26.0 (Hole)							
Max. interunit piping length			m		50 (Equivalent length 70)							
Max. installation level difference			m		30							
Heat insulation			Both liquid and gas piping									

Note :

<sup>1</sup>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).

<sup>2</sup>Capacities are net, including a deduction for cooling for indoor fan motor heat.

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

## COMPACT MULTI FLOW CEILING MOUNTED CASSETTE TYPE

			25	35	50	60					
Model Name	Indoor unit		FFQ25BV1B4	FFQ35BV1B4	FFQ50BV1B4	FFQ60BV1B4					
	Outdoor unit		RKS25AVMG4	RKS35AVMG4	RKS50AVMG4	RKS60AVMG4					
Power supply			1 Phase, 220-240 V, 50 Hz								
Cooling capacity <sup>1</sup> Rated (Min. - Max.)			kW	2.5 (1.2-3.0)	3.4 (1.2-3.7)	4.7 (1.7-5.6)	5.8 (1.7-6.0)				
			Btu/h	8,550 (4,100-10,250)	11,600 (4,100-12,600)	16,000 (5,800-19,100)	19,800 (5,800-20,500)				
Power consumption			Cooling <sup>1</sup>		kW	0.73	1.10	1.62	2.07		
COP			W/W			3.42	3.09	2.90	2.80		
Indoor unit	Colour		Unit		White						
	Decoration panel										
	Airflow rate (H/L)		m <sup>3</sup> /min		9/6.5		10/6.5		12/8		15/10
			cfm		317/229		353/229		423/282		529/353
	Sound level (H/L) <sup>2</sup>		dB(A)		29.5/24.5		32/25		36/27		41/32
	Dimensions (H×W×D)		Unit		286×575×575						
	Decoration panel		55×700×700								
Machine weight		Unit		17.5							
Decoration panel		2.7									
Certified operation range			°CWB		14 to 23						
Outdoor unit	Colour		Ivory white								
	Compressor		Type		Hermetically sealed swing type						
	Motor output		kW		0.6			1.1			
	Refrigerant charge (R-410A)		kg		1.0 (Charged for 10 m)			1.5 (Charged for 10 m)			
	Sound level <sup>2</sup>		dB(A)		46		47		49		
	Dimensions (H×W×D)		mm		550×765×285			735×825×300			
	Machine weight		kg		34			47			
Certified operation range			°CDB		10 to 46						
Piping connections	Liquid (Flare)		mm		ø6.4						
	Gas (Flare)		mm		ø9.5			ø12.7			
	Drain		Indoor unit		VP20 (I.D.ø20×O.D.ø26)						
			Outdoor unit		ø18.0 (Hole)						
Max. interunit piping length			m		20			30			
Max. installation level difference			m		15			20			
Heat insulation			Both liquid and gas piping								

Note :

<sup>1</sup>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).

<sup>2</sup>Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

# SPECIFICATIONS

## CEILING SUSPENDED TYPE

			35	
Model Name	Indoor unit		FHQ35BV1B4	
	Outdoor unit		RKS35AVMG4	
Power supply	Outdoor unit		1 Phase, 220-240 V, 50 Hz	
Cooling capacity <sup>1</sup> Rated (Min. - Max.)	kW		3.4 (1.2-3.7)	
		Btu/h	11,600 (4,100-12,600)	
Power consumption	Cooling <sup>1</sup>	kW	1.05	
COP		W/W	3.24	
Indoor unit	Colour		White	
	Airflow rate (H/L)	m <sup>3</sup> /min	13/10	
		cfm	458/353	
	Sound level (H/L) <sup>2</sup>	dB(A)	37/32	
	Dimensions (H×W×D)		mm	195×960×680
	Machine weight		kg	24
Certified operation range		°CWB	14 to 23	
Outdoor unit	Colour		Ivory white	
	Compressor	Type	Hermetically sealed swing type	
		Motor output	kW	0.6
	Refrigerant charge (R-410A)		kg	1.0 (Charged for 10 m)
	Sound level <sup>2</sup>		dB(A)	47
	Dimensions (H×W×D)		mm	550×765×285
	Machine weight		kg	34
	Certified operation range		°CDB	10 to 46
Piping connections	Liquid (Flare)		mm	φ6.4
	Gas (Flare)		mm	φ9.5
	Drain	Indoor unit	mm	VP20 (I.D φ20×O.D φ26)
Outdoor unit		mm	φ18.0 (Hole)	
Max. interunit piping length		m	20	
Max. installation level difference		m	15	
Heat insulation			Both liquid and gas piping	

Note :

<sup>1</sup>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).

<sup>2</sup>Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

## CEILING SUSPENDED TYPE

			50	60	71	100	125	
Model Name	Indoor unit		FHQ50BVV1G4	FHQ60BVV1G4	FHQ71BV1B4	FHQ100BV1B4	FHQ125BV1B4	
	Outdoor unit		RZR50LVVM4	RZR60LVVM4	RZR71LVVM4	RZR100LUY14	RZR125LUY14	
Power supply	Outdoor unit		1 Phase, 220-240 V, 50 Hz			3 Phase, 380-415 V, 50 Hz		
Cooling capacity <sup>1,2</sup> Rated (Min. - Max.)	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)	
		Btu/h	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)	
Power consumption	Cooling <sup>1</sup>	kW	1.39	1.69	2.50	3.51	4.55	
COP		W/W	3.60	3.56	2.84	2.85	2.75	
Indoor unit	Colour		White			White		
	Airflow rate (H/M/L)	m <sup>3</sup> /min	17/-/14			24/-/20	30/-/25	
		cfm	600/-/494			847/-/706	1,059/-/883	
	Sound level (H/M/L) <sup>3</sup>	dB(A)	39/-/35			42/-/37	44/-/39	
	Dimensions (H×W×D)		mm	195×1,160×680			195×1,400×680	195×1,590×680
	Machine weight		kg	27			32	35
Certified operation range		°CWB				14 to 25		
Outdoor unit	Colour		Ivory white					
	Compressor	Type	Hermetically sealed swing type			Hermetically sealed scroll type		
		Motor output	kW	1.12	1.35	1.76	2.1	2.6
	Refrigerant charge (R-410A)		kg	1.6 (Charged for 30 m)			2.7 (Charged for 30 m)	3.7 (Charged for 30 m)
	Sound level <sup>3</sup>	Cooling	dB(A)	48			49	50
		Night quiet mode	dB(A)	44			45	
	Dimensions (H×W×D)		mm	595×845×300			1,170×900×320	
	Machine weight		kg	43			92	97
Certified operation range		°CDB				21 to 46		
Piping connections	Liquid (Flare)		mm			φ9.5		
	Gas (Flare)		mm			φ15.9		
	Drain	Indoor unit	mm	VP20 (I.D φ20×O.D φ26)				
Outdoor unit		mm	φ26.0 (Hole)					
Max. interunit piping length		m	50 (Equivalent length 70)					
Max. installation level difference		m	30					
Heat insulation			Both liquid and gas piping					

Note :

<sup>1</sup>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).

<sup>2</sup>Capacities are net, including a deduction for cooling for indoor fan motor heat.

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

## WALL MOUNTED TYPE

				100		
Model Name	Indoor unit		FAQ100CVEA4			
	Outdoor unit		RZR100LVVM4			
Power supply	Outdoor unit		1 Phase, 220-240 V, 50 Hz			
Cooling capacity <sup>1,2</sup> Rated (Min. - Max.)	kW			10.0 (5.0-11.2)		
		Btu/h			34,100 (17,100-38,200)	
Power consumption	Cooling <sup>1</sup>	kW		3.37		
COP	W/W		2.97			
Indoor unit	Colour		Fresh white			
	Airflow rate (H/M/L)	m <sup>3</sup> /min	26/23/19			
		cfm	918/812/671			
	Sound level (H/M/L) <sup>3</sup>	dB(A)		49/45/41		
	Dimensions (H×W×D)		mm			340×1,200×240
	Machine weight		kg			17
Certified Operation range		°CWB		14 to 25		
Outdoor unit	Colour		Ivory white			
	Compressor	Type		Hermetically sealed swing type		
		Motor output	kW		2.03	
	Refrigerant charge (R-410A)		kg		3.35 (Charged for 30 m)	
	Sound level <sup>3</sup>	Cooling		dB(A)		49
		Dimensions (H×W×D)		mm		
	Machine weight		kg			78
	Certified Operation range		°CDB		21 to 46	
Piping connections	Liquid (Flare)		mm			ø9.5
	Gas (Flare)		mm			ø15.9
	Drain	Indoor unit	mm		VP13 (O.D.ø18 × I.D.ø13)	
		Outdoor unit	mm		ø26.0 (Hole)	
Max. interunit piping length		m		50 (Equivalent length 70m)		
Max. installation level difference		m		30		
Heat insulation		Both liquid and gas piping				

Note :

<sup>1</sup>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).

<sup>2</sup>Capacities are net, including a deduction for cooling for indoor fan motor heat.

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

## DUCT CONNECTION MIDDLE and HIGH STATIC PRESSURE TYPE

				50	60	71	100	125	140		
Model Name	Indoor unit		FBQ50DV14	FBQ60DV14	FBQ71DV14	FBQ100DV14	FBQ125DV14	FBQ140DV14			
	Outdoor unit		RZR50LVVM4	RZR60LVVM4	RZR71LVVM4	RZR100LUY14	RZR125LUY14	RZR140LUY14			
Power supply	Indoor unit		1 Phase, 220-240 V, 50 Hz								
	Outdoor unit		1 Phase, 220-240 V, 50 Hz			3 Phase, 380-415 V, 50 Hz					
Cooling capacity <sup>1,2</sup> Rated (Min. - Max.)	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)		
		Btu/h			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)	
Power consumption	Cooling <sup>1</sup>	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			
Indoor unit	Colour		Ivory white								
	Fan	Airflow rate (H/L)	Cooling	m <sup>3</sup> /min		18/15		32/23		39/28	
				cfm		635/530		1,130/812		1,377/988	
	External static pressure (Middle-High)		Pa		50-200 <sup>3</sup>						
	Sound level <sup>4</sup>	Cooling (H/L)		dB(A)		37/32		38/33		40/36	
		Air filter				— <sup>5</sup>					
	Dimensions (H×W×D)		mm		300×1,000×700			300×1,400×700			
	Machine weight		kg		36		46				
Certified Operation range		Cooling		°CWB		14 to 25					
Outdoor unit	Colour		Ivory white								
	Compressor	Type		Hermetically sealed swing type			Hermetically sealed scroll type				
		Motor output	kW		1.12	1.35	1.76	1.8	2.4	2.9	
	Refrigerant charge (R-410A)		kg		1.6 (Charged for 30 m)		2.7 (Charged for 30 m)		3.7 (Charged for 30 m)		
	Sound level <sup>4</sup>	Cooling		dB(A)		48		49		50	
		Night quiet mode		dB(A)		44		45		46	
	Dimensions (H×W×D)		mm		595×845×300			1,170×900×320			
	Machine weight		kg		43		92		97		
Certified Operation range		Cooling		°CDB		21 to 46					
Piping connections	Liquid (Flare)		mm		ø9.5						
	Gas (Flare)		mm		ø15.9						
	Drain	Indoor unit	mm		VP25 (I.D.ø25×O.D.ø32)						
Outdoor unit		mm		ø26.0 (Hole)							
Max. interunit piping length		m		50 (Equivalent length 70)							
Max. installation level difference		m		30							
Heat insulation		Both liquid and gas piping									

Note :

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

<sup>2</sup>Capacities are net, including a deduction for cooling for indoor fan motor heat.

<sup>3</sup>Initial setting is standard.

<sup>4</sup>Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

<sup>5</sup>Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.

# SPECIFICATIONS

## FLOOR STANDING TYPE

		50	60	71	100	125	140	
Model Name	Indoor unit	FVQ50CVE4	FVQ60CVE4	FVQ71CVEB4	FVQ100CVEB4	FVQ125CVEB4	FVQ140CVEB4	
	Outdoor unit	RZR50LVVM4	RZR60LVVM4	RZR71LVVM4	RZR100LUY14	RZR125LUY14	RZR140LUY14	
Power supply	Outdoor unit	1 Phase, 220–240 V, 50 Hz/220–230 V, 60 Hz			3 Phase, 380–415 V, 50 Hz			
Cooling capacity <sup>1,2</sup> Rated (Min. - Max.)	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)	13.5 (6.2-15.4)	
		Btu/h	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)	46,100 (21,200-52,600)
Power consumption	Cooling <sup>1</sup>	kW	1.27	1.84	2.58	3.28	4.39	
COP	W/W	3.94	3.26	2.75	3.05	2.85	2.50	
Indoor unit	Colour		Fresh white					
	Fan	Airflow rate (H/M/L)	Cooling	m <sup>3</sup> /min cfm	18/16/14 635/565/494	28/25/22 988/883/777	28/26/24 988/918/847	30/28/26 1,059/988/918
	Sound level <sup>3</sup>	Cooling (H/M/L)	dB(A)	43/41/38		50/47/44		51/48/46 53/51/48
	Dimensions (H×W×D)		mm	1,850×600×270		1,850×600×350		
	Machine weight		kg	39		47		
	Certified Operation range		Cooling	°CWB				
				14 to 25				
Outdoor unit	Colour		Ivory white					
	Compressor	Type	Hermetically sealed swing type			Hermetically sealed scroll type		
		Motor output	kW	1.12	1.35	1.76	2.3	2.8
	Refrigerant charge (R-410A)		kg	1.6 (Charged for 30 m)		2.7 (Charged for 30 m)	3.7 (Charged for 30 m)	
	Sound level <sup>3</sup>	Cooling	dB(A)	48		49		50
		Night quiet mode	dB(A)	44		45		46
	Dimensions (H×W×D)		mm	595×845×300		1,170×900×320		
Machine weight		kg	43		92	97		
Certified Operation range		Cooling	°CDB					
			21 to 46					
Piping connections	Liquid (Flare)		mm					
	Gas (Flare)		mm					
	Drain		Indoor unit	mm				
		Outdoor unit	mm					
Max. interunit piping length		m	50 (Equivalent length 70)					
Max. installation level difference		m	30					
Heat insulation		Both liquid and gas piping						

Note :

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

<sup>2</sup>Capacities are net, including a deduction for cooling for indoor fan motor heat.

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



# OPTIONS

## Indoor unit

### CEILING MOUNTED CASSETTE TYPE

Name of option	Remark	Kit name					
		FCQ50LUV14	FCQ60LUV14	FCQ71LUV14	FCQ100LUV14	FCQ125LUV14	FCQ140LUV14
Decoration panel		BYCP125K-W1					
Sealing material of air discharge outlet		KDBH55K160F					
Panel spacer		KDBP55H160FA					
Fresh air intake kit <sup>1</sup>	Chamber type	Without T-joint pipe and fan					
		With T-joint pipe, without fan					
	Direct installation type	KDDP55B160					
Chamber connection kit <sup>2</sup>		KKSJ55KA160					
Insulation kit for high humidity		KDTP55K80			KDTP55K160		
High-efficiency filter (including chamber)	(Colorimetric method 65%)	KAFP556B80			KAFP556B160		
	(Colorimetric method 90%)	KAFP557B80			KAFP557B160		
Replacement high-efficiency filter	(Colorimetric method 65%)	KAFP552B80			KAFP552B160		
	(Colorimetric method 90%)	KAFP553B80			KAFP553B160		
Filter chamber		KDDFP55B160					
Replacement long-life filter		KAFP551K160					
Ultra long-life filter		KAFP55B160					
Replacement ultra long-life filter		KAFP55H160H					
Branch duct chamber		KDJP55B80			KDJP55B160		
Remote controller	Wireless type	BRC7F633F					
	Wired type <sup>3</sup>	BRC1C61					
Navigation Remote Controller	Wired type <sup>3</sup>	BRC1E62					
Central remote controller <sup>4</sup>		DCS302CA61					
Unified ON/OFF controller <sup>4</sup>		DCS301BA61					
Schedule timer <sup>4</sup>		DST301BA61					
Intelligent Touch Controller <sup>4</sup>		DCS601C51					
Adaptor for wiring <sup>5</sup>		KRP1C63					
Wiring adaptor for electrical appendices <sup>5</sup>		KRP4AA53					
Installation box for adaptor PCB		KRP1H98					
Remote sensor (for indoor temperature)		KRCS01-4B					

Note: <sup>1</sup>Refer to page 10 for the details.

<sup>2</sup>Required for installing high-efficiency filter or ultra long-life filter.

<sup>3</sup>Wiring for wired remote controller to be procured locally.

<sup>4</sup>The indoor unit is equipped standardly with the interface adaptor for SkyAir series. An option is unnecessary.

<sup>5</sup>Installation box for adaptor PCB (KRP1H98) is necessary.

### Round flow type: List of optional parts required to achieve different flow 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

Independently installable optional parts		Optional accessory parts						
		Panel spacer <sup>1</sup>	Wireless remote controller	Fresh air intake kit (Chamber type) <sup>1,2</sup>	Fresh air intake kit (direct mount)	High-humidity operation kit	High-efficiency filter <sup>2</sup>	Ultra-long-life filter <sup>2</sup>
Panel/grille related	Panel spacer <sup>1</sup>		O	O	O	X	O	O
Operation control related	Wireless remote controller	O		O	O	O	O	O
Auxiliary function related	Fresh air intake kit (Chamber type) <sup>1,2</sup>	O	O		X	X	O	O
	Fresh air intake kit (direct mount)	O	O	X		O	O	O
	High-humidity operation kit	X	O	X	O		X	X
Filter related	High-efficiency filter <sup>2</sup>	O	O	O	O	X		X
	Ultra-long-life filter <sup>2</sup>	O	O	O	O	X	X	

#### 3-way flow 2-way flow

Independently installable optional parts		Optional accessory parts						
		Panel spacer <sup>1</sup>	Wireless remote controller	Fresh air intake kit (Chamber type) <sup>1,2</sup>	Fresh air intake kit (direct mount)	High-humidity operation kit	High-efficiency filter <sup>2</sup>	Ultra-long-life filter <sup>2</sup>
Panel/grille related	Panel spacer <sup>1</sup>		O <sup>3</sup>	O <sup>3</sup>	O <sup>3</sup>	X	X	O <sup>3</sup>
Operation control related	Wireless remote controller	O <sup>3</sup>		O	O	O	X	O
Auxiliary function related	Fresh air intake kit (Chamber type) <sup>1,2</sup>	O <sup>3</sup>	O		X	X	X	O
	Fresh air intake kit (direct mount)	O <sup>3</sup>	O	X		O	X	O
	High-humidity operation kit	X	O	X	O		X	X
Filter related	Ultra-long-life filter <sup>2</sup>	O <sup>3</sup>	O	O	O	X	X	

#### Branch duct connection

Independently installable optional parts		Optional accessory parts						
		Panel spacer <sup>1</sup>	Wireless remote controller	Fresh air intake kit (Chamber type) <sup>1,2</sup>	Fresh air intake kit (direct mount)	High-humidity operation kit	High-efficiency filter <sup>2</sup>	Ultra-long-life filter <sup>2</sup>
Branch duct <sup>1</sup> (Chamber type) (Round duct type)	1-way branch / unit 3-way flow	O	O	O	O <sup>4</sup>	X	X	O
	2-way branch / unit 2-way flow	X	O	O	O <sup>4</sup>	X	X	O
	1-way branch / unit 2-way flow	X	O	O	O <sup>4</sup>	X	X	O

<sup>1</sup>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 whether or not joint installation is possible. In particular, ensure that the lower fixing position caused by the addition of panel spacers is acceptable.

<sup>2</sup>Use 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.

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

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

## Indoor unit

### COMPACT MULTI FLOW CEILING MOUNTED CASSETTE TYPE

Name of option	Remark	Kit name			
		FFQ25BV1B4	FFQ35BV1B4	FFQ50BV1B4	FFQ60BV1B4
Decoration panel		BYFQ60B8W1/BYFQ60B3W1			
Remote controller	Wireless type	BRC7E531W			
	Wired type <sup>1</sup>	BRC1C61			
Navigation Remote Controller	Wired type <sup>1</sup>	BRC1E62			
Adaptor for wiring <sup>2</sup>		KRP1BA57			
Wiring adaptor for electrical appendices <sup>2</sup>		KRP4AA53			
Remote sensor (for indoor temperature)		KRCS01-1B			
Installation box for adaptor PCB		KRP1BA101			
Central remote controller <sup>3</sup>		DCS302CA61			
Unified ON/OFF controller <sup>3</sup>		DCS301BA61			
Schedule timer <sup>3</sup>		DST301BA61			
Intelligent Touch Controller <sup>3</sup>		DCS601C51			
Interface adaptor for SkyAir series		DTA112BA51			
Replacement long-life filter		KAFQ441BA60			
Fresh air intake kit	Direct installation type	KDDQ44XA60			
Sealing material of air discharge outlet		KDBH44BA60			
Panel spacer		KDBQ44BA60A			

Note: <sup>1</sup>Wiring for wired remote controller to be procured locally.  
<sup>2</sup>Installation box for adaptor PCB (KRP1BA101) is necessary.  
<sup>3</sup>This optional accessory requires DTA112BA51.

### CEILING SUSPENDED TYPE

Name of option	Remark	Kit name				
		FHQ35BV1B4	FHQ50BV1G4	FHQ60BV1G4	FHQ71BV1B4	FHQ100BV1B4
Replacement long-life filter	Resin net	KAF501DA56	KAF501DA80		KAF501DA112	KAF501DA160
Drain pump kit		KDU50N60VE	KDU50N125VE			
L-type piping kit (for upward direction)		KHFP5MA35	KHFP5MA160			
Remote controller	Wireless type	BRC7EA66				
	Wired type <sup>1</sup>	BRC1C61				
Navigation Remote Controller	Wired type <sup>1</sup>	BRC1E62				
Central remote controller <sup>2</sup>		DCS302CA61				
Unified ON/OFF controller <sup>2</sup>		DCS301BA61				
Schedule timer <sup>2</sup>		DST301BA61				
Intelligent Touch Controller <sup>2</sup>		DCS601C51				
Adaptor for wiring		KRP1BA54				
Wiring adaptor for electrical appendices <sup>3</sup>		KRP4AA52				
Interface adaptor for SkyAir series		DTA112BA51				
Installation box for adaptor PCB		KRP1CA93				
Remote sensor (for indoor temperature)		—	KRCS01-1B			
Electrical box with earth terminal (3 blocks)		—	KJB311AA			
Electrical box with earth terminal (2 blocks)		—	KJB212AA			

Note: <sup>1</sup>Wiring for wired remote controller to be procured locally.  
<sup>2</sup>This optional accessory requires DTA112BA51.  
<sup>3</sup>Installation box for adaptor PCB is necessary.

### WALL MOUNTED TYPE

Name of option	Remark	Kit name
		FAQ100C/EA4
Drain-up kit		K-KDU572EVE
Remote controller	Wireless type	BRC7EB519
	Wired type <sup>1</sup>	BRC1C61
Navigation Remote Controller	Wired type <sup>1</sup>	BRC1E62
Remote sensor (for Indoor temperature)		KRCS01-4B
Central remote controller <sup>2</sup>		DCS302CA61
Unified ON/OFF controller <sup>2</sup>		DCS301BA61
Schedule timer <sup>2</sup>		DST301BA61
Intelligent Touch Controller <sup>2</sup>		DCS601C51
Wiring adaptor for electrical appendices <sup>3</sup>		KRP4AA51
Installation box for adaptor PCB		KRP4AA93
Electrical box with earth terminal (3 blocks)		KJB311AA
Electrical box with earth terminal (2 blocks)		KJB212AA
Noise filter ( For electromagnetic interface use only)		KEK26-1A

Note: <sup>1</sup>Wiring for wired remote controller to be procured locally.  
<sup>2</sup>The indoor unit is equipped standardly with the interface adaptor for SkyAir series. An option is unnecessary.  
<sup>3</sup>Installation box for adaptor PCB (KRP4AA93) is necessary.

## DUCT CONNECTION MIDDLE and HIGH STATIC PRESSURE TYPE

Name of option	Remark	Kit name					
		FBQ50DV14	FBQ60DV14	FBQ71DV14	FBQ100DV14	FBQ125DV14	FBQ140DV14
High-efficiency filter <sup>1</sup>	65%		KAF372AA80			KAF372AA160	
	90%		KAF373AA80			KAF373AA160	
Filter chamber			KDDF37AA80			KDDF37AA160	
Replacement long life filter			KAF371AA80			KAF371AA160	
Replacement long life filter chamber kit			KAF375AA80			KAF375AA160	
Service panel			KTB25KA80W			KTB25KA160W	
			KTBJ25K80F			KTBJ25K160F	
			KTBJ25K80T			KTBJ25K160T	
Air discharge adaptor			KDAJ25K71A			KDAJ25K140A	
Remote controller	Wireless type	Cooling only				BRC4C64	
	Wired type <sup>2</sup>					BRC1C61	
Navigation Remote Controller	Wired type <sup>2</sup>					BRC1E62	
Adaptor for wiring (interlock for fresh air intake fan)						KRP1C64 *	
Wiring adaptor for electrical appendices						KRP4AA51*	
Remote sensor						KRCS01-4B	
Mounting plate for adaptor PCB. <sup>4</sup>						KRP4A96 <sup>5,6</sup>	
Central remote controller <sup>3</sup>						DCS302CA61	
Unified ON/OFF controller <sup>3</sup>						DCS301BA61	
Schedule timer <sup>3</sup>						DST301BA61	
Intelligent Touch Controller <sup>3</sup>						DCS601C51	

Note: <sup>1</sup>If installing a high efficiency filter on the unit, an assembly chamber for either bottom or rear suction is required.

<sup>2</sup>Wiring for wired remote controller to be procured locally.

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

<sup>4</sup>Mounting plate for adaptor PCB is necessary for each adaptor marked ★.

<sup>5</sup>Up to 2 adaptors can be fixed for each mounting plate.

<sup>6</sup>Only one mounting plate can be installed for each indoor unit.

## FLOOR STANDING TYPE

Name of option	Remark	Kit name					
		FVQ50CVE4	FVQ60CVE4	FVQ71CVE4	FVQ100CVE4	FVQ125CVE4	FVQ140CVE4
Replacement long-life filter						KAFJ95L160	
Remote controller	Wired type <sup>1</sup>					BRC1C61	
Navigation Remote Controller	Wired type <sup>1</sup>					BRC1E62	
Central remote controller <sup>2</sup>						DCS302CA61	
Unified ON/OFF controller <sup>2</sup>						DCS301BA61	
Schedule timer <sup>2</sup>						DST301BA61	
Intelligent Touch Controller <sup>2</sup>						DCS601C51	
Adaptor for wiring <sup>3</sup>						KRP1BA57	
Wiring adaptor for electrical appendices						KRP4AA52	
Installation box for adaptor PCB						KRP4AA95	

Note: <sup>1</sup>Wiring for wired remote controller to be procured locally.

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

<sup>3</sup>Installation box for adaptor PCB (KRP4AA95) is necessary.

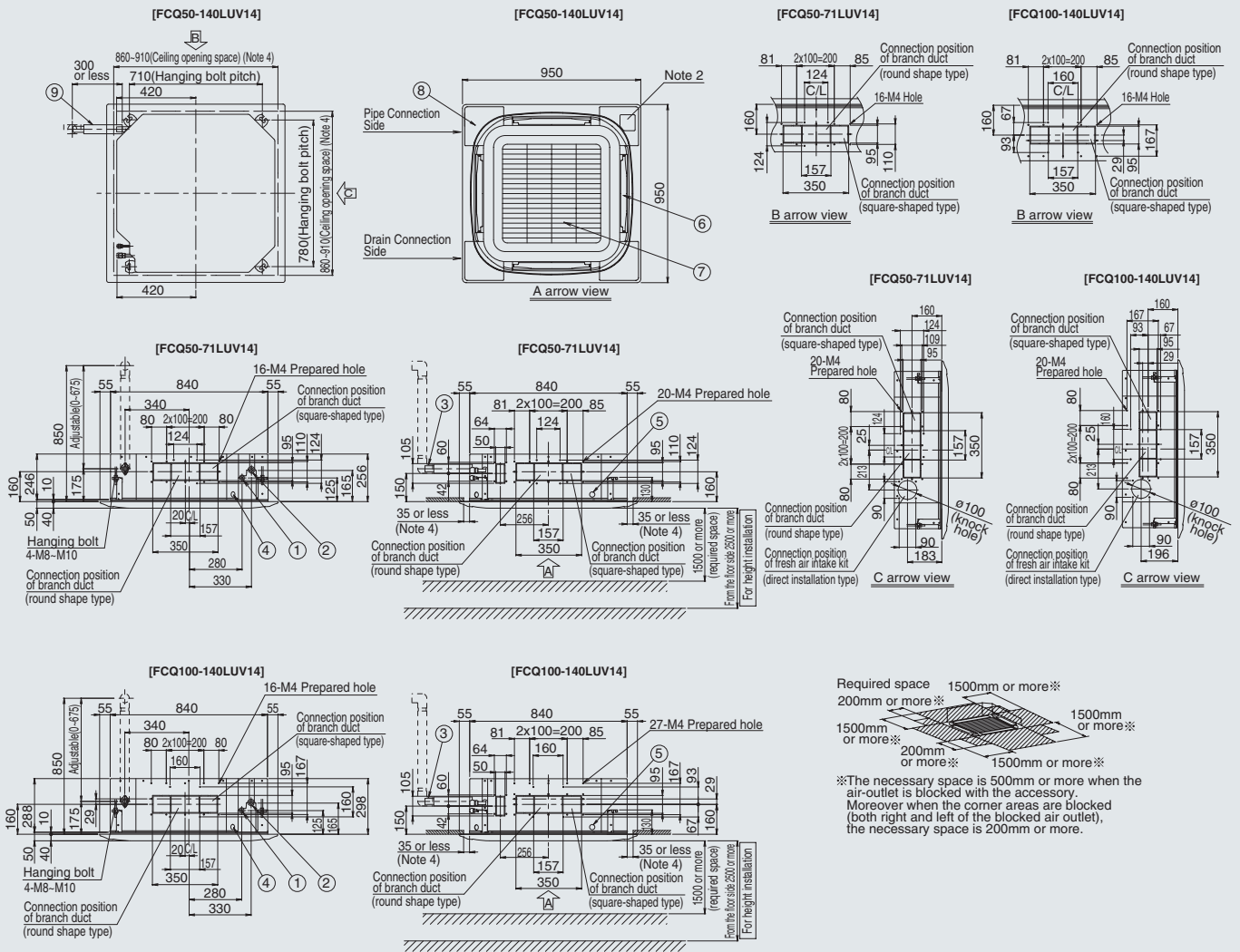
## Outdoor unit

Name of option	Remark	Kit name					
		RZR50LVVM4	RZR60LVVM4	RZR71LVVM4	RZR100LUY14	RZR125LUY14	RZR140LUY14
Central drain plug			KKP014A4			KKPJ5F180	
Wire fixture for preventing overturning			---			K-KYZP15C	
Fixture for preventing overturning			---			KPT-60B160	
Demand adaptor			---			KRP58M51	
Refrigerant branch piping kit	For twin multi		---		---	KHRP58P216T	

Name of option	Remark	Kit name			
		RKS25AVMG4	RKS35AVMG4	RKS50AVMG4	RKS60AVMG4
Air direction adjustment grille			KPW937A4		KPW945A4
Drain plug	One set includes 5 pieces for 5 units			KKP937A4	

# DIMENSIONS (Unit: mm)

## CEILING MOUNTED CASSETTE TYPE



### Notes:

<sup>1</sup> Sticking location for manufacturer's label  
 manufacturer's label for indoor unit:

Suction grille inner side's electric components box's lid surface  
 manufacturer's label for decoration panel :

Decoration panel's corner decoration cover inner surface

<sup>2</sup> In case of using wireless remote controller, this position will be a signal receiver. Refer to the drawing of wireless remote controller in detail.

<sup>3</sup> When the temperature and humidity in the ceiling exceed 30°C and RH 80% or the fresh air is inducted into the ceiling or the unit continues 24 hour operation, an additional insulation (thickness 10mm or more of glasswool or polyethylene form) is required.

<sup>4</sup> Though the installation is acceptable up to maximum of 910mm square ceiling opening, keep the clearance of 35mm or less between the indoor unit and the ceiling opening so that the panel overlap allowance can be ensured.

<sup>5</sup> Please do not place the thing been damp and troubled under an indoor unit.

When the case where humidity is 80% or more, and the drain outlet are choked up and the air filter are dirty, dew may fall.

- ① Liquid pipe connection
- ② Gas pipe connection
- ③ Drain pipe connection
- ④ Transmission wiring connection
- ⑤ Remote controller wiring connection
- ⑥ Air-outlet
- ⑦ Suction grille
- ⑧ Corner decoration cover
- ⑨ Drain hose (accessory)

# COMPACT MULTI FLOW CEILING MOUNTED CASSETTE TYPE

**A arrow view**

**B arrow view**

**B arrow view**

**Required space**

1500mm or more\*

1500mm or more\*

1500mm or more\*

1500mm or more\*

\*When the discharge grille is closed, the required space is 200mm or more.

**Notes:**

- 1 Sticking location for manufacture's label
- 2 manufacturer's label for indoor unit : on the bell mouth inside suction grille
- 3 manufacturer's label for decoration panel : on the inner frame inside suction grille
- 4 In case of using wireless remote controller, this position will be a signal receiver. refer to the drawing of wireless remote controller in detail.
- 5 When the temperature and humidity in the ceiling exceed 30°C and RH 80% or the fresh air is inducted into the ceiling or the unit continues 24 hour operation, an additional insulation (thickness 10mm or more of glasswool or polyethylene form) is required.
- 6 Though the installation is acceptable up to maximum of 660mm square ceiling opening, keep the clearance of 45mm or less between the main unit and the ceiling opening so that the panel overlap allowance can be ensured.

**Legend:**

- ① Liquid pipe connection
- ② Gas pipe connection
- ③ Drain pipe connection
- ④ Power supply connection
- ⑤ Remote control code and control wiring connection
- ⑥ Air discharge grille
- ⑦ Suction grille
- ⑧ Drain hose

# CEILING SUSPENDED TYPE

## [FHQ35-125BV]

	A	B
FHQ35BV1B4	920	960
FHQ50BVV1G4	1120	1160
FHQ60BVV1G4	1120	1160
FHQ71BV1B4	1120	1160
FHQ100BV1B4	1360	1400
FHQ125BV1B4	1550	1590

**Front View**

**Side View**

**Detail Views**

**Legend:**

- ① Air discharge grille
- ② Air suction grille
- ③ Air filter
- ④ Gas pipe connection
- ⑤ Liquid pipe connection
- ⑥ Drain pipe connection
- ⑦ Earth terminal (inside the electric components box)(M4)
- ⑧ Suspension bracket
- ⑨ Backward pipe and wiring connection opening lid
- ⑩ Upward pipe and wiring connection opening lid
- ⑪ Right side pipe connection
- ⑫ Left back drain pipe connection
- ⑬ Left side drain pipe connection
- ⑭ Right side drain pipe connection
- ⑮ Hole of wall for taking out in piping back
- ⑯ Upward drain pipe connection
- ⑰ Upward gas pipe connection
- ⑱ Upward liquid pipe connection

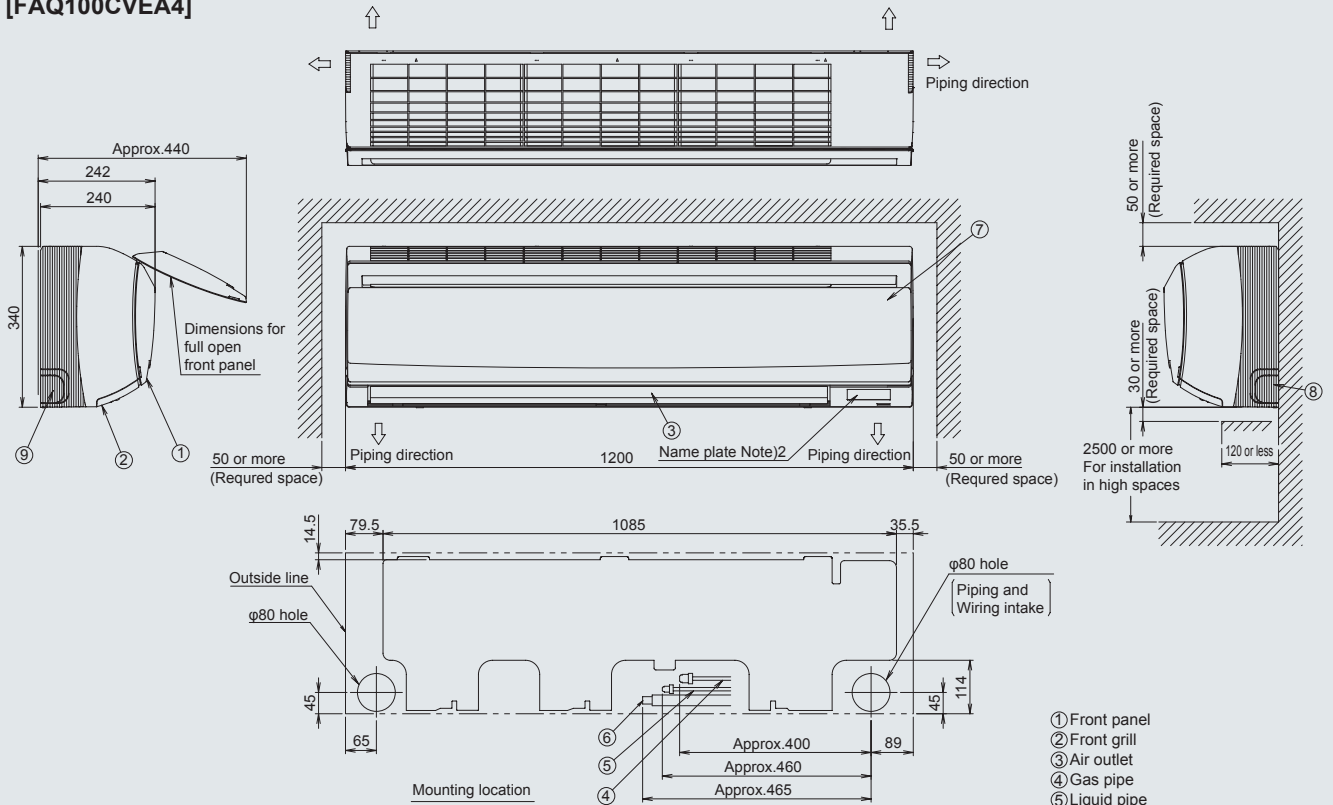
**Notes:**

- 1 Location of unit's Name Plate: Bottom of fan housing inside the suction grille.
- 2 In case of using wireless remote controller, this position will be a signal receiver. Refer to the drawing of wireless remote controller in detail.
- 3 (Applies to FHQ35-71BV only)  
The remote control code is the standard <about 3 m outside the machine> attached. (0.5 mm<sup>2</sup> × 2 wicks × O.D. φ 5.4) (It is not attached to VRV.)

# DIMENSIONS (Unit: mm)

## WALL MOUNTED TYPE

[FAQ100CVEA4]



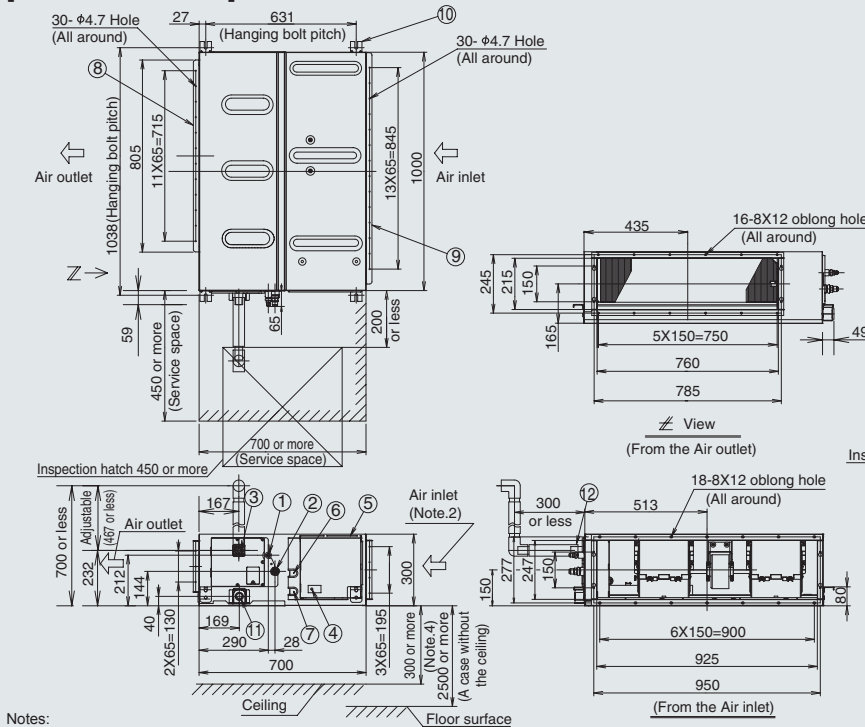
- ① Front panel
- ② Front grill
- ③ Air outlet
- ④ Gas pipe
- ⑤ Liquid pipe
- ⑥ Drain hose
- ⑦ Earth terminal
- ⑧ Right side pipe connection hole
- ⑨ Left side pipe connection hole

**Notes:**

- <sup>1</sup> Location of unit's Name Plate: Right side surface of casing
- <sup>2</sup> In case of using wireless remote controller, this position will be a signal receiver. Refer to the drawing of wireless remote controller in detail.
- <sup>3</sup> Please do not place the thing been damp and troubled under an indoor unit. when the case where humidity is 80% or more, and the drain outlet are choked up and the air filter are dirty, dew may fall.

## DUCT CONNECTION MIDDLE and HIGH STATIC PRESSURE TYPE

### [FBQ50/60/71DV14]

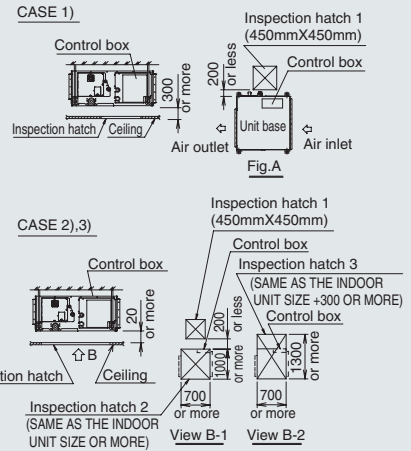


**Notes:**

- 1) Location of MANUFACTURE'S LABEL: Control box surface
- 2) Mount the air filter at the suction side. (Select its colorimethod (gravity method) 50% or more.)
- 3) Do not locate things should not be wet under the indoor unit. Dews may drop when humidity reaches over 80%, or a drain gets stuck, or air filters are not clean.
- 4) Space for Service Works

According to any one of below 1)~3), secure a space for service works, such as, checking and maintenance of control box, etc.

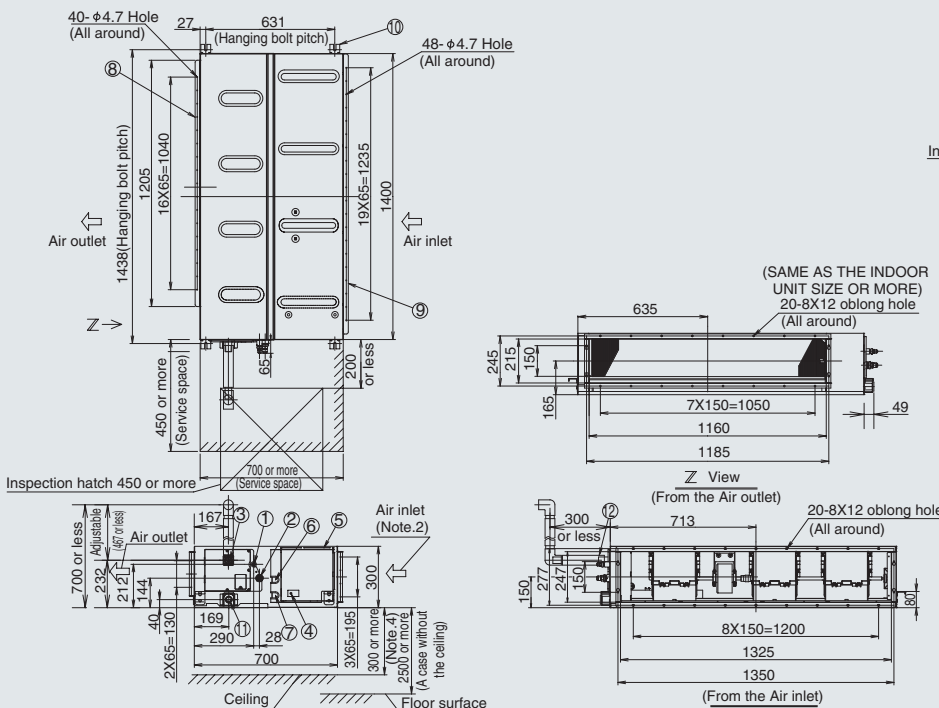
- 1) One inspection hatch (450X450) on the control box side and a space of 300mm or more under the unit. (Fig.A)
- 2) One inspection hatch (450X450) on the control box side and 2 (two) inspection hatches under the unit. (Arrow View B-1)
- 3) 3 (three) inspection hatches under the unit and the control box. (Arrow View B-2)



- ① Liquid pipe connection
- ② Gas pipe connection
- ③ Drain pipe connection
- ④ Earth terminal
- ⑤ Control box (Inside)
- ⑥ Remote control wiring connection
- ⑦ Power supply wiring and a transmission wiring
- ⑧ Air discharge flange
- ⑨ Air suction flange
- ⑩ Hanger
- ⑪ Socket (for maintenance)
- ⑫ Drain hose (Accessory)

## DUCT CONNECTION MIDDLE and HIGH STATIC PRESSURE TYPE

### [FBQ100/125/140DV14]

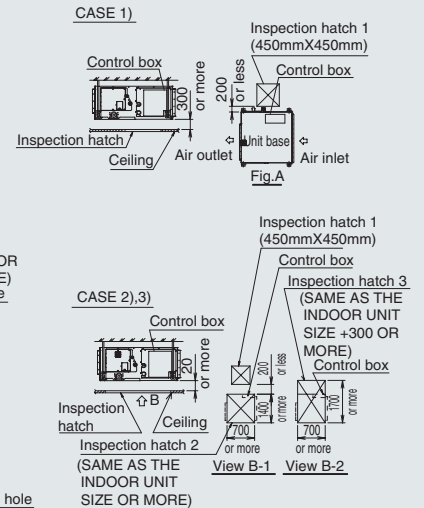


**Notes:**

- 1) Location of MANUFACTURE'S LABEL: Control box surface
- 2) Mount the air filter at the suction side. (Select its colorimethod (gravity method) 50% or more.)
- 3) Do not locate things should not be wet under the indoor unit. Dews may drop when humidity reaches over 80%, or a drain gets stuck, or air filters are not clean.
- 4) Space for Service Works

According to any one of below 1)~3), secure a space for service works, such as, checking and maintenance of control box, etc.

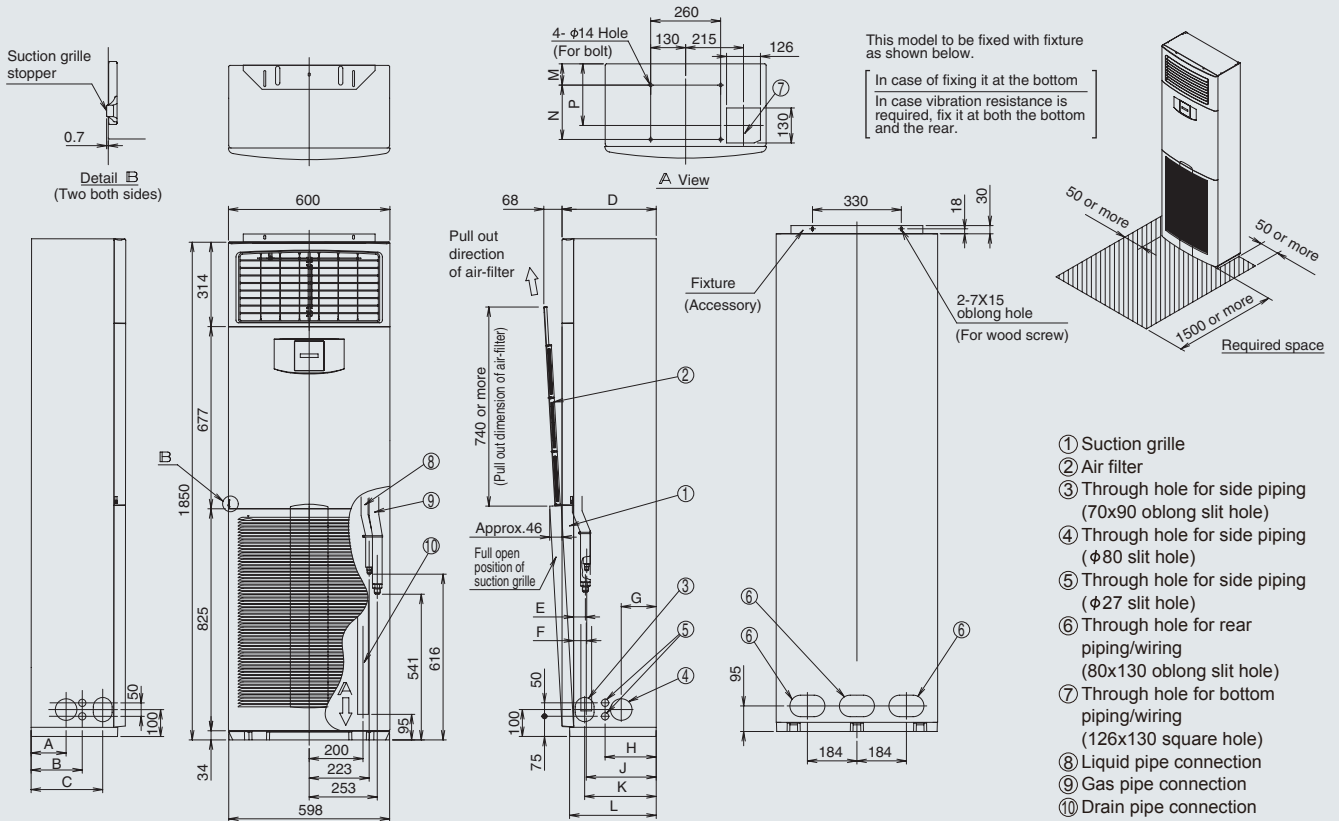
- 1) One inspection hatch (450X450) on the control box side and a space of 300mm or more under the unit. (Fig.A)
- 2) One inspection hatch (450X450) on the control box side and 2 (two) inspection hatches under the unit. (Arrow View B-1)
- 3) 3 (three) inspection hatches under the unit and the control box. (Arrow View B-2)



- ① Liquid pipe connection
- ② Gas pipe connection
- ③ Drain pipe connection
- ④ Earth terminal
- ⑤ Control box (Inside)
- ⑥ Remote control wiring connection
- ⑦ Power supply wiring and a transmission wiring
- ⑧ Air discharge flange
- ⑨ Air suction flange
- ⑩ Hanger
- ⑪ Socket (for maintenance)
- ⑫ Drain hose (Accessory)

# DIMENSIONS (Unit: mm)

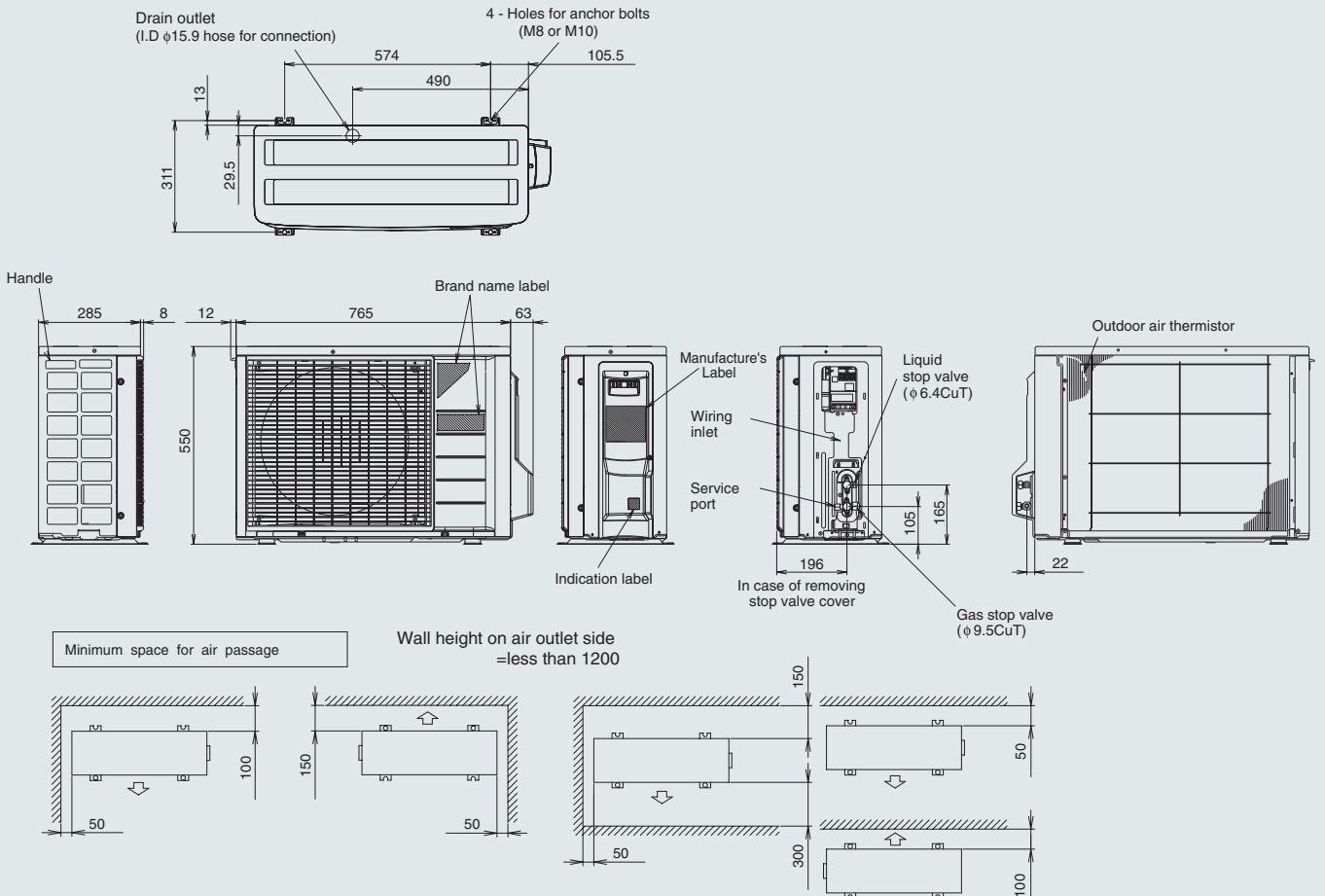
## FLOOR STANDING TYPE



Notes:  
\*Sticking location for manufacturer's label: on the surface of cover of switch box inside the suction grille.

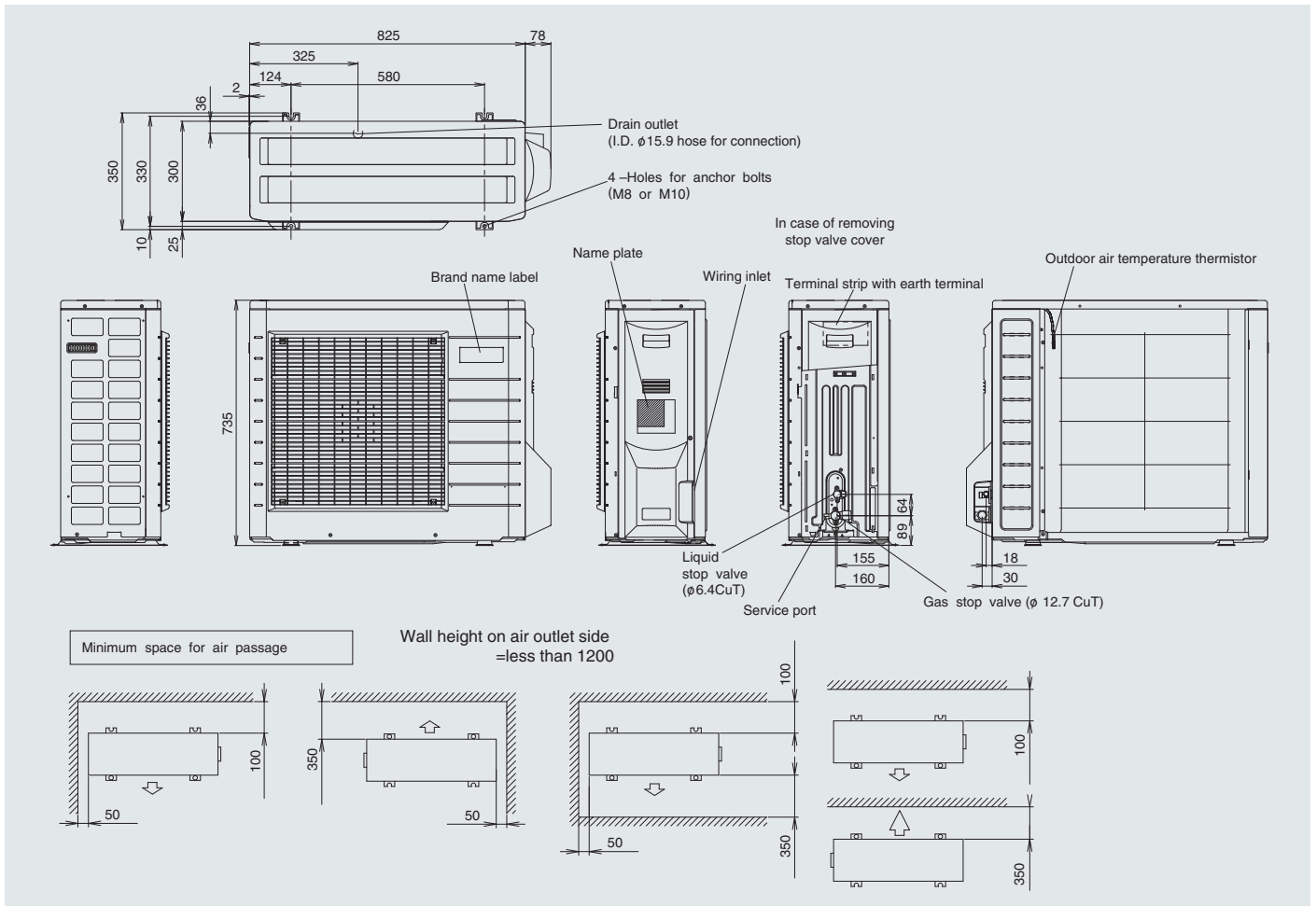
	A	B	C	D	E	F	G	H	J	K	L	M	N	P
FVQ50/60CVE4, 71CVEB4	50	110	186	270	45	50	50	110	180	186	242	57	144	149
FVQ100/125/140CVEB4	130	190	266	350	44	49	130	190	260	266	322	79	202	229

## OUTDOOR UNIT // RKS25/35AVMG4

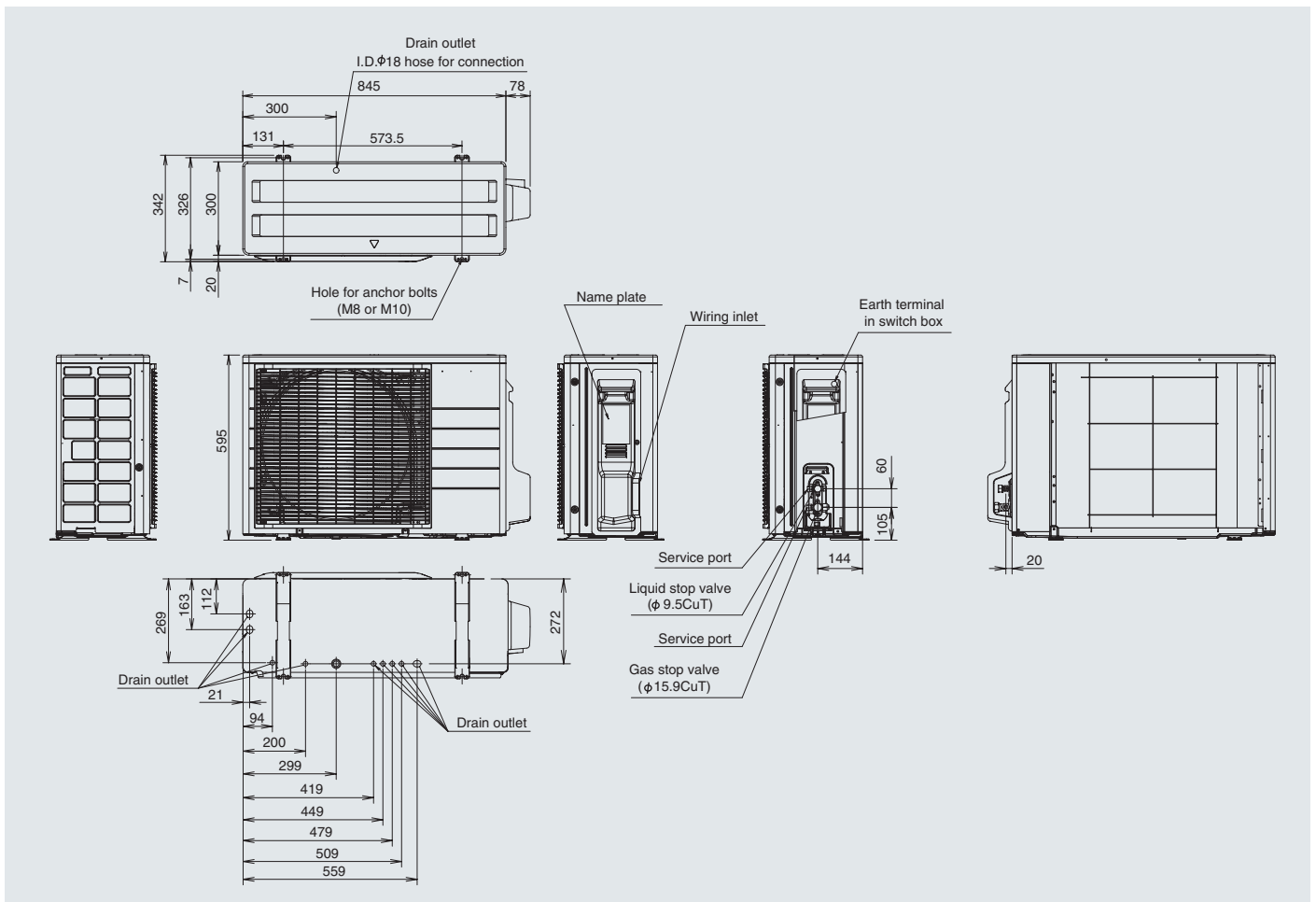




## OUTDOOR UNIT // RKS50/60AVMG4

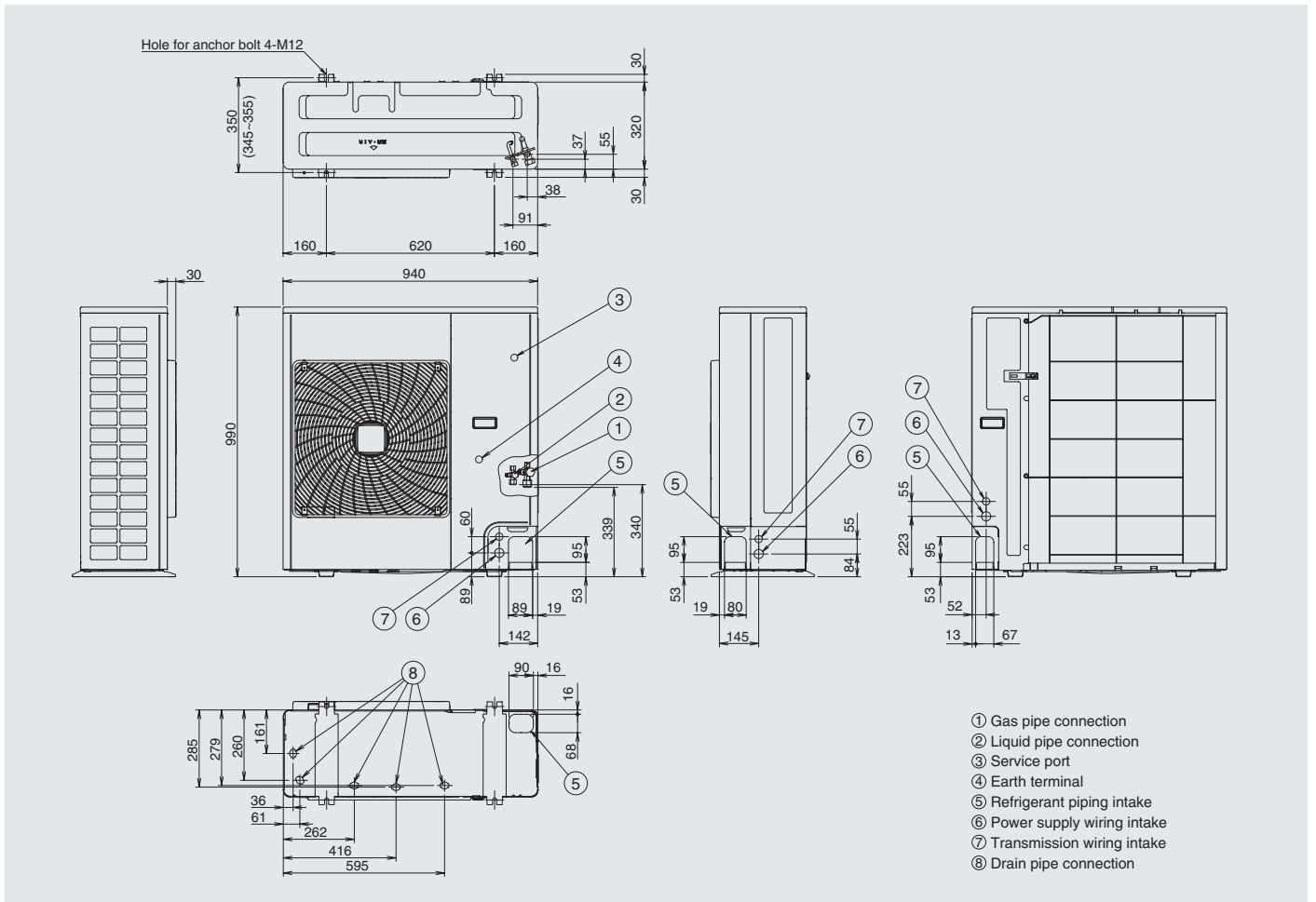


## OUTDOOR UNIT // RZR50/60/71LVVM4

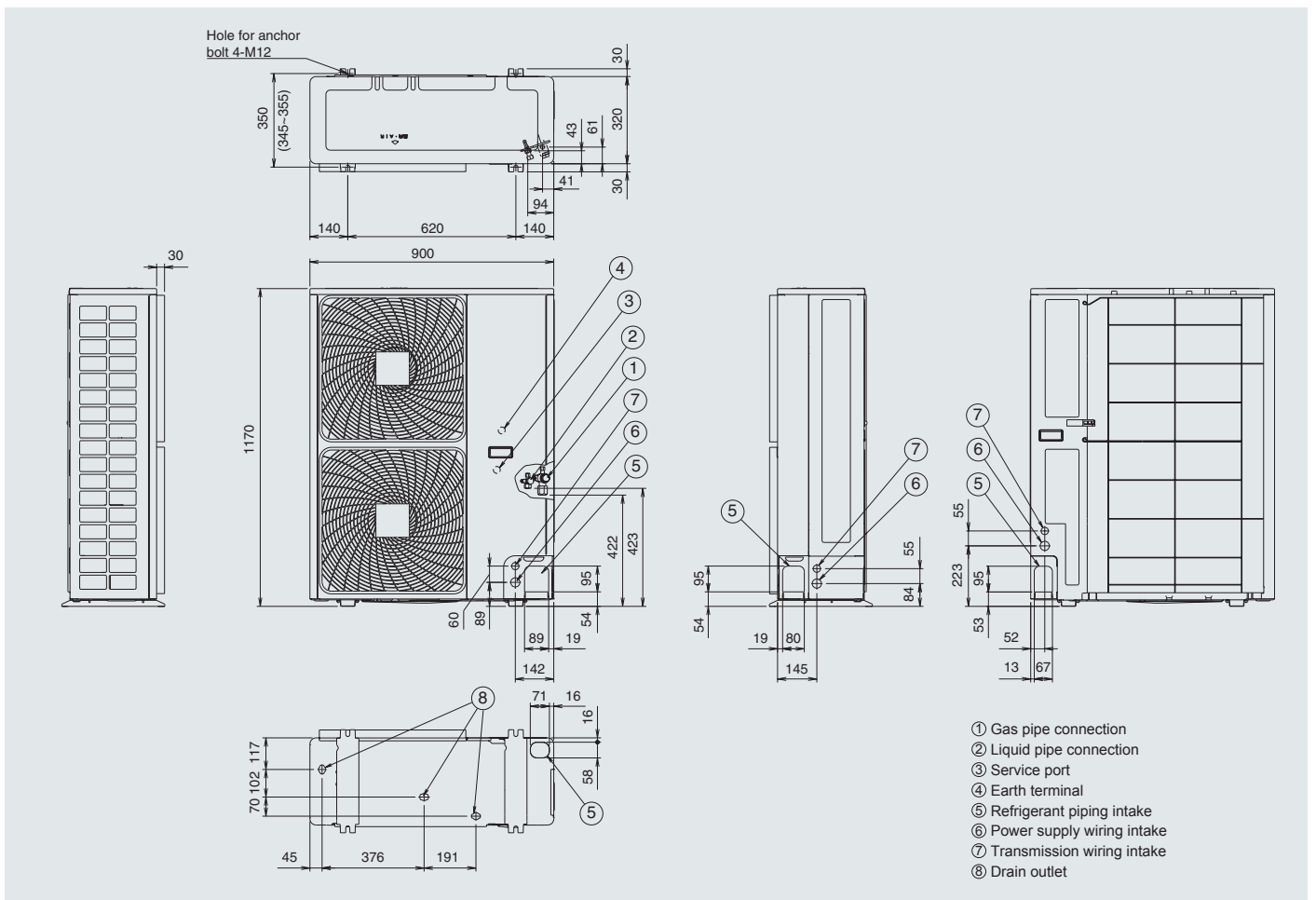


# DIMENSIONS (Unit: mm)

## OUTDOOR UNIT // RZR100LVVM4



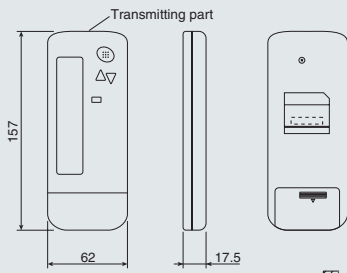
## OUTDOOR UNIT // RZR100/125/140LUY14



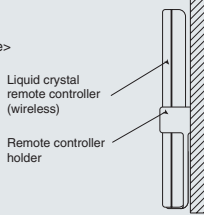
# REMOTE CONTROLLER

## 《Wireless type》

### Remote controller dimensions

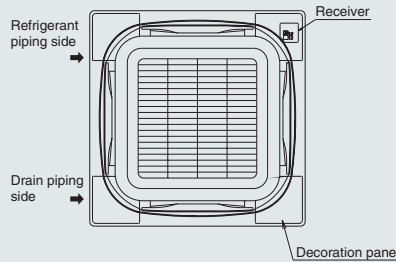


### Remote controller holder installation procedure <installation to wall surface>

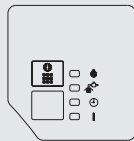


### CEILING MOUNTED CASSETTE TYPE <Round Flow>

#### Receiver installation procedure

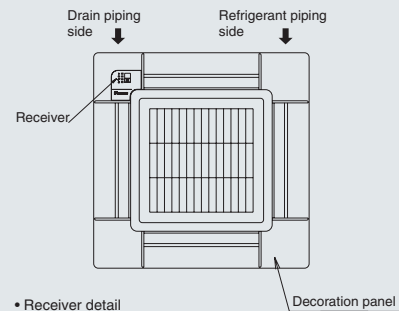


#### Receiver detail



### COMPACT MULTI FLOW CEILING MOUNTED CASSETTE TYPE

#### Receiver installation procedure

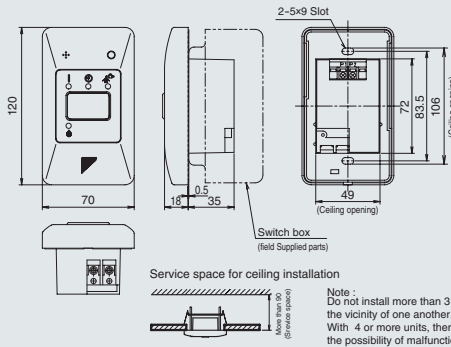


#### Receiver detail



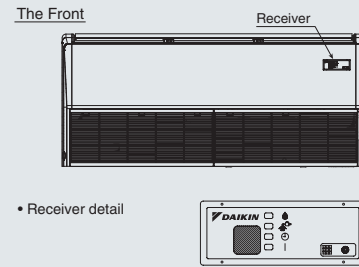
### CEILING MOUNTED BUILT-IN TYPE DUCT CONNECTION MIDDLE and HIGH STATIC PRESSURE TYPE

#### Receiver detail



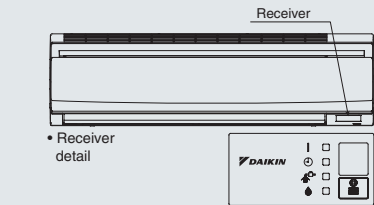
### CEILING SUSPENDED TYPE

#### Receiver installation procedure



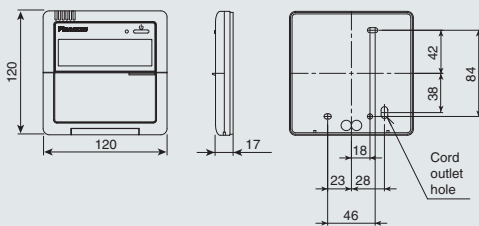
### WALL MOUNTED TYPE

#### Receiver installation procedure

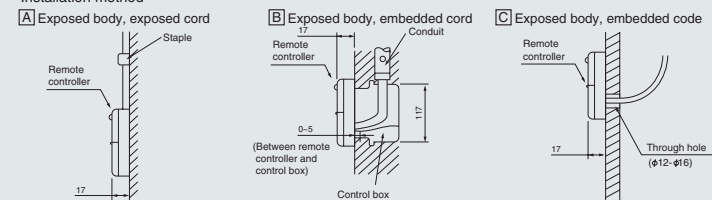


## 《Wired type》 Remote controller dimensions

### BRC1C61



#### Installation method

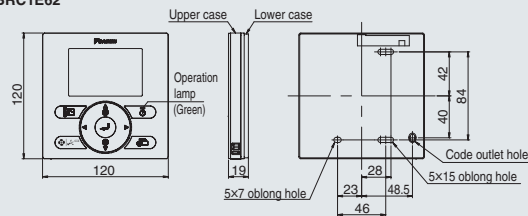


#### Specifications of cord

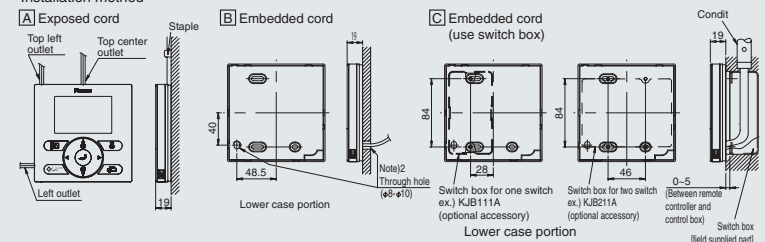
Type *	Shield wire (insulated thickness: 1 mm or more)
Size	0.75-1.25 mm <sup>2</sup>
Total length	500 m

Note)  
1. Remote controller cord and staple are not attached. They are field supplied parts.

### BRC1E62



#### Installation method



Note)  
1. Remote controller cord and staple are not attached. They are field supplied parts.

2. If the hole size is too large or the location is not proper, the hole may come out from the remote controller.

#### Specifications of cord

Type	Vinyl cord with sheath or cable (insulated thickness: 1mm or more)
Size	0.75-1.25 mm <sup>2</sup>
Total length	500 m

# Installation service space for outdoor unit

## For RZR50, RZR100-140LUY14

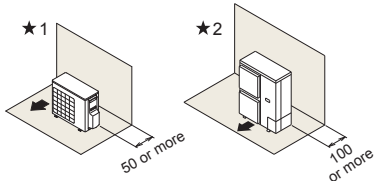
★1.RZR50/60/71LVVM4 ★2.RZR100-140LUY14

### 1 When there is an obstruction on the inlet side

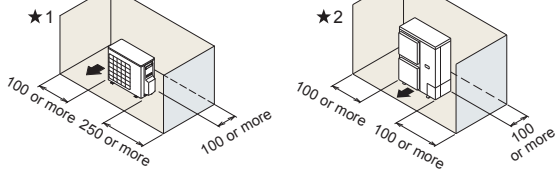
#### 1) When the overhead space is open

##### 1. For single unit installation

When there is an obstruction only on the inlet side

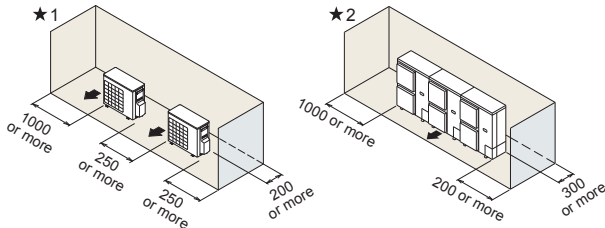


When there are obstructions on both sides



##### 2. For series installation (more than two units)

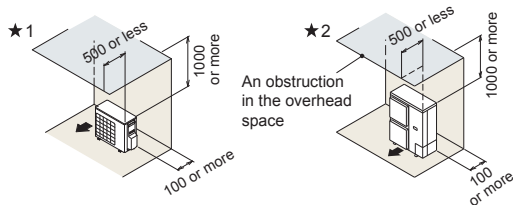
When there are obstructions on both sides



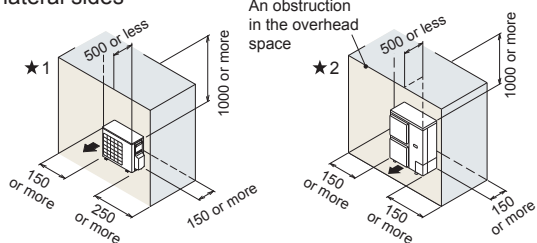
### 2) When there is an obstruction in the overhead space

##### 1. For single unit installation

When there is an obstruction on the inlet side

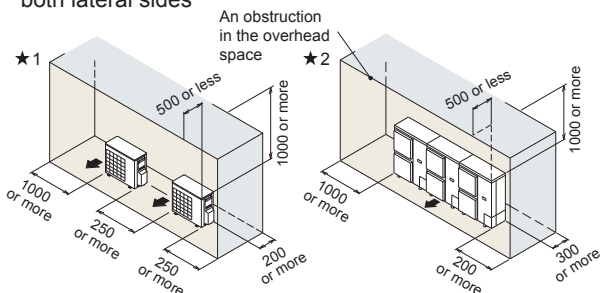


When there are obstructions on the inlet side and both lateral sides



##### 2. For series installation (more than two units)

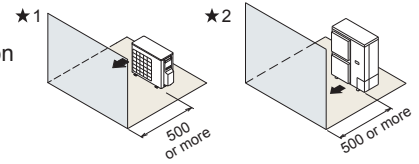
When there are obstructions on the inlet side and both lateral sides



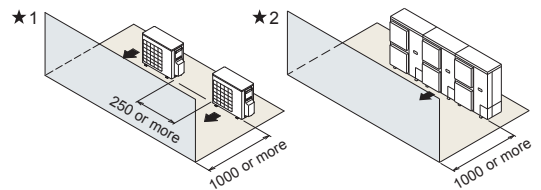
### 2 When there is an obstruction on the outlet side

#### 1) When the overhead space is open

##### 1. For single unit installation

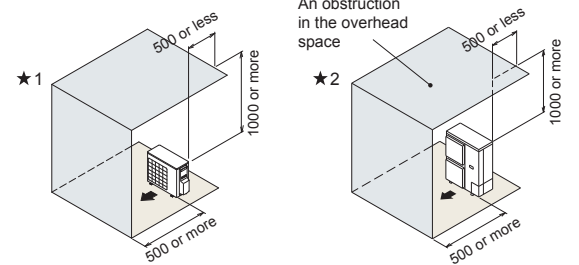


##### 2. For series installation (more than two units)

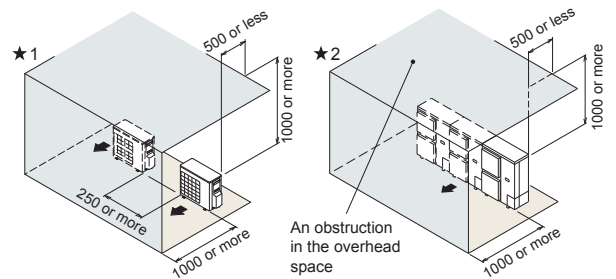


#### 2) When there is an obstruction in the overhead space

##### 1. For single unit installation



##### 2. For series installation (more than two units)



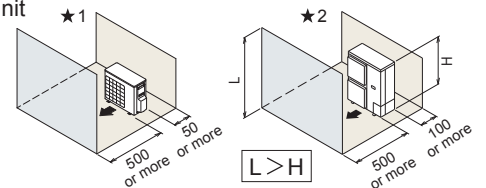
### 3 When there are obstructions on both the inlet and outlet sides

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

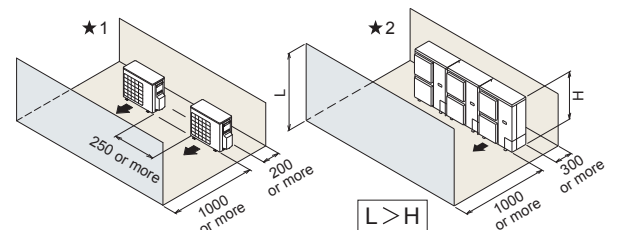
#### 1) When the overhead space is open

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

##### 1. For single unit installation



##### 2. For series installation (more than two units)





Warning



- 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.

#### **PT. DAIKIN AIRCONDITIONING INDONESIA**

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**Daikin Contact Center : 0800 1 081 081 - Toll Free**