DAIKIN

WORLD'S NO. 1

AIRCONDITIONING COMPANY FROM JAPAN

Solutions

Maximum designs. | Minimum running cost.

360°

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SPECIFICATIONS

Daikin, the world leader in air-conditioning brings a world full of love to India with its air-conditioning solutions. Known for superior Japanese technology, Daikin promises to spread joy in the air. With a wide range and features like never before, Daikin creates an environment of comfort through efficient air-conditioning. Daikin air-conditioners are manufactured keeping in mind different air-conditioning needs and also space requirements. Our wide range of air-conditioners are easy to install and are apt for residential and commercial usage.

ABOUT DAIKIN

Daikin® is a leading innovator and provider of advanced, high-quality air-conditioning solutions for residential, commercial and industrial applications. As World's No. 1 Air-conditioning Company, Daikin is committed to delivering air-conditioning solutions that enhance the quality of life all around the world. A diverse multinational company, Daikin Industries Ltd. active in air-conditioning, chemicals and oil hydraulics, was established in 1924. With headquarters at Osaka, Japan, the Daikin family has more than 51,000 members, working across 60 production base units and 208 consolidated subsidiaries worldwide. As the world's sole manufacturer that develops a long line of products from refrigerants to air-conditioners, Daikin advocates comfortable living on the strength of advanced technologies.

Daikin is present in USA, Europe and Russia, Middle East, Africa, Asia, Oceania and Middle-South America. We aim to serve our customers in each of these markets by providing optimal airconditioning products.

GLOBAL FOOTPRINT

Europe/Middle East/Africa


Daikin Airconditioning Central Europe


Daikin Airconditioning Spain


Daikin Airconditioning Italy


Daikin Europe N.V.


Daikin Airconditioning France


Daikin Airconditioning Germany


Daikin Airconditioning UK


Daikin IndustriesCzech Republic


Daikin Chemical France

North America/Central & South America


Daikin America


Daikin Holding USA


Daikin AC (Americas)

China


Daikin (China) Investment


Shanghai Daikin Airconditioning


Xi'an Daikin Qing'an Compressor


Hui Zhou Daikin Suns Airconditioning


Daikin Device(Suzhou)


Daikin Fluoro Coating Shanghai


Daikin Fluorochemicals China

Asia/Oceania


Daikin Industries Thailand


Daikin Compressor Industries


Daikin Airconditioning Singapore


Daikin Australia


Daikin Airconditioning India


Daikin Industries Head Office (Inside Umeda Center Building)

THE DAIKIN DIFFERENCE

As a world leader in technological innovation, we've initiated and funded a wide range of research programmes in areas that directly impact our air-conditioners - ranging from mechanics and electronics to chemicals and fluorocarbons. With this knowledge, we build absolute comfort into every product we develop. Pioneering products include the first packaged air-conditioner in Japan 1951 and the world's first Variable Refrigerant Volume (VRV) system in 1982. Daikin is committed to explore and adopt cutting-edge technology to continually offer value-added and solution-based products and services to customers.

THE LOGO

The triangle shape represents the integration of three technological areas (mechanics, chemistry and electronics), while the upper left direction of the triangle symbolises Daikin's innovative spirit that aspires toward the future. The two blue colours (corporate colours) used in the corporate logo and the triangle design element befit Daikin's emphasis on intellect and brightness. Black expresses strength, a sense of positive presence and stability.

ENVIRONMENTAL PHILOSOPHY

In all of us,
a green heart

In February 2002, we created an environmental symbol for the Daikin Group. In environmental protection activities, little efforts that individuals make add up to big things. The symbol, the Earth in the shape of a green heart, represents a determination on the part of each and every employee of Daikin to think green (think of the Earth and take care of the environment).
As we continue developing our business operations in various fields, it is our mission to proactively develop initiatives to respond to environmental issues. Incorporating environmental initiatives throughout our management must be a priority for us. In all aspects of our business operations, including product development, manufacturing and sales, we need to formulate initiatives that sustain and improve the environment. Meanwhile, we need to promote the development of new products and the innovation of technologies that will lead to a more environmentally healthy world.

PICHONKUN

A mascot that represents Daikin's innovative thrust into the future is called 'PICHONKUN'. The new mascot of Daikin is so named because of the sound it makes. Created in Japan, this dew droplet represents the 'fresh as morning nature' of Daikin's new range of air-conditioners and airpurifiers. PICHONKUN symbolises the best of nature-fresh, natural and eco-friendly.

OUR TIMELINE
1924-2012

1924 — **Akira Yamada becomes the founder of the Osaka Kinzoku Kogyosho Limited Partnership.**

1934 — Osaka Kinzoku Kogyo Co., Ltd. is established, with the following corporate logo: Ⓚ
Trial manufacture of a methyl chloride type refrigerator succeeds. The refrigerator is named Mifujirator and production begins.

1936 — The Mifujirator refrigerator is delivered to Nankai Railways for trial use as Japan's first air-conditioner for trains.

1951 — Production of packaged air-conditioners begins.

1956 — A heat exchanging device is installed on the Soya, an Antarctic research vessel, as a cabin heating system.

1958 — Residential-use air-conditioners equipped with Japan's first rotary compressor are marketed. The heat-pump type packaged air-conditioner is developed.

1963 — Osaka Kinzoku Kogyo Co., Ltd. is renamed Daikin Kogyo Co., Ltd. (Renamed Daikin Industries, Ltd. in 1982).

1964 — Cool air service by Daikin Aircon begins at J.N.R. Osaka Station. The air-conditioning system is thereafter installed in major terminals.

1969 — A multiroom air-conditioning system with a single outdoor unit is developed. A Freon heater is employed in an air-conditioner, combining heating and cooling functions.

1982 — Japan's first VRV system is developed.
The industry's first single-screw refrigerator is developed.

1984 — Daikin becomes first in the world to produce a cumulative total of 1 million packaged air-conditioners.

1990 — Daikin Industries (Thailand) Ltd. is established in Thailand and begins production of air-conditioners.

1991 — Daikin America, Inc. and MDA Manufacturing, Inc. are established in the US.

1992 — Daikin Chemical Europe is established in Düsseldorf, Germany.

1993 — Daikin Airconditioning France S.A. is established in Paris as an air-conditioning system sales company.

1995 — The industry's first compact room air-conditioner to use a swing compressor to save energy is marketed.

1997 All Daikin factories in Japan (Sakai, Yodogawa, Shiga, and Kashima) acquire ISO 14001 certification for environmental management.Presented 32nd Chairman's award by the Japan Society for the promotion of the machine industry for Daikin Swing Compressor.

1998 Japan's first VRV system is developed. The industry's first single-screw refrigerator is developed.

1999 Daikin Airconditioning Central Europe GmbH is established in Austria as an air-conditioning system sales company.

2001 Established a company for the manufacture and sale of swing compressors in Bangkok, Thailand, called Daikin Compressor Industries Ltd.

2002 Received the 11th Annual Grand Prize for the Global Environment presented by the NikkanKogyou Shimbun.

2003 Daikin is ranked 1st in market share of residential use air-conditioners in Japan throughout the fiscal year of 2003.

2006 Acquisition of major global air-conditioning manufacturer OYL Industries (Malaysia) with the aim of becoming the No.1 air-conditioning manufacturer. Establishment of Environmental Response Department at Daikin Europe N.V. to take the lead in environmental response in the European region.

2008 Recipient of 'Eco Products Awards' Japan's Ministry of the Environment's Minister's Prize for 'Sho-ene Toban', a building air-conditioner remote energy-saving control service.

2009 Acquired Japan's leading air filter company Nippon Muki Co., Ltd.

2012 Acquisition of the major American residential use air-conditioner company, Goodman, to build a solid base for positioning Daikin as the leading company in the global air-conditioner market. Launch of residential air-conditioner featuring the world's first adoption of the next generation refrigerant HFC32.

DAIKIN INDIA AT A GLANCE

Daikin Airconditioning India Pvt. Ltd., a subsidiary of Daikin Industries Ltd., Japan is one of the leading global manufacturers of both residential and commercial air-conditioning systems. Backed by the superior technology, the organisation offers a wide range of energy efficient air-conditioning solutions to customers.

After introducing our superior air-conditioning solutions in India in the year 2000, we gained the trust of our valuable customers with our innovative range of products and dedication towards quality.
An ISO 14001 certified company, we remain committed to keep customers at the core of everything we do. Imbued with a 'Quality First' global philosophy, we at Daikin, walk on to realise our dream for a better world.

'Quality First' is clearly reflected in the value delivered such as low noise level, low power consumption, cooling efficiency, ease of installation, high reliability – all targeted to improve the quality of life.

Daikin India's manufacturing plant at Neemrana, Rajasthan aims at creating products that will make people's lives more comfortable.

It is supported by a network of production bases worldwide and showcases the application of advanced technology and equipment. Our comprehensive quality control system features centrally computerised management of quality and production data to facilitate timely production that bears the stamp of excellent quality.

Daikin Neemrana facility incorporates Daikin's global Environmental Management System (EMS) that has been implemented in the factory to promote adapting procedures for refrigerant handling, resource conservation and waste management.

2000

Daikin enters the Indian market in a JV with Usha Shriram Group at 80:20 stakes respectively as Daikin Shriram Airconditioning.

2002

Daikin introduces VRV technology in India.

2004

Daikin India becomes a wholly owned subsidiary of Daikin Industries Ltd., Japan.

2007

Daikin India relocates HQ to Gurgaon and commences business of McQuay chillers in India.

2008

Groundbreaking ceremony of Daikin India's manufacturing base at Neemrana, Rajasthan.

2009

Production commences at manufacturing plant in Neemrana, Rajasthan.

2010

Fresh round of ₹ 250 crore investment. Thus taking it to a total of ₹ 743 crore.

2012

Production of High Wall Split air-conditioners with R-32 refrigerant commences.

2013

Fresh round of ₹ 330 crore investment

2015

MoU signed with Rajasthan government for ₹ 600 crore investment

₹ 60 crore investment for Research & Development Centre to be opened next year

APPLICATION OF THE PRODUCT

RETAIL

Versatility and control are the keys to create a comfortable condition within trading areas and changing rooms that will keep customers shopping. It's important to select a system that offers excellent performance, while minimising operating costs and energy consumption.

OFFICES / BANKS

The challenge for an office or bank is the ability to effectively heat or cool open plan areas as well as meeting rooms. Cooling a meeting room when it is empty will mean running costs mount up unnecessarily. Conditions within open-plan areas are important for staff comfort levels.

IT & SERVER ROOMS

Computer systems run round the clock and require a controlled temperature environment to operate effectively. Equipment in these rooms can generate a lot of heat and not removing the heat effectively can cause computer servers to malfunction. Downtime from inoperable servers can mean lost business and productivity.

RESTAURANTS

Guests expect a perfect atmosphere, including comfortable conditions. Heat generated from lighting, the kitchen area and the dining area can all contribute to make restaurants uncomfortable with inadequate air-conditioning. Air-conditioning needs to be discreet and flexible to meet the demands of your restaurant and customers.

INVERTER SERIES

CEILING SUSPENDED TYPE

FHQ SERIES

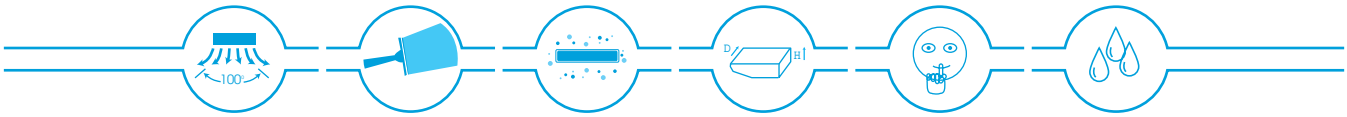
COOLING ONLY & HEAT PUMP

FHQ SERIES
COOLING ONLY & HEAT PUMP

INVERTER

R-410A

UPGRADE TO A QUIET AND COMPACT SYSTEM



WIDE AIR DISCHARGE OPENINGS PRODUCE A SPREADING 100 DEGREE AIRFLOW

EASY CLEAN, FLAT SURFACES

OIL RESISTANT GRILLE

UNIFORM HEIGHT AND DEPTH

QUIET OPERATION

PROGRAMME 'DRY'

FHQ50BV~125BV (COOLING ONLY)	5.0 KW ~ 12.5 KW	COOLING
FHQ50BV~125BV (HEAT PUMP)	5.0 KW ~ 11.2 KW	COOLING
	6.0 KW ~ 13.5 KW	HEATING

ACCESSORY REQUIRED FOR INDOOR UNIT

WIRED LCD REMOTE CONTROLLER WITH WEEKLY SCHEDULE TIMER

Standard

BRC1D61

Note: Standard for both Cooling Only and Heat Pump models. Remote controller cable not included. Cables must be procured locally.

WIRED LCD REMOTE CONTROLLER

Option

BRC1C61

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

WIRELESS LCD REMOTE CONTROLLER

Option

A signal receiver must be added to the indoor unit.

BRC7EA66
(Cooling Only)

BRC7EA63W
(Heat Pump)

SIGNAL RECEIVER UNIT
(Installed type)

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

NAVIGATION REMOTE CONTROLLER

Option

BRC1E62
(Wired Remote Controller)

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

1 TR (TONS OF REFRIGERATION) = 3.517 KW

FEATURES

	FHQ-BVV1B	Cooling Only	Heat Pump
Comfort	Auto swing	•	•
	Draft prevention function	—	•
	Switchable fan speed(2 step)	•	•
	Programme 'Dry'	•	•
	High ceiling application	*1	*1
	Two selectable temperature-sensors	*2	*2
	Hot start (after defrost)	—	•
	Year-round coolingapplicable	—	•
	Night quiet operation	*3	*3
	Timer selector	•	•
	Weekly schedule timer	*4	*4
Cleanliness	Anti-bacterial air filter	•	•
Work & Servicing	Drain pump mechanism	*5	*5
	Pre charged for up to 30 m	*3	*3
	Long-life filter	•	•
	Filter sign	•	•
	Low gas pressure detection	*3	*3
	Emergency operation	•	•
	Self-diagnosis function	•	•
Control features	Auto-restart	•	•
	Auto-cooling/ heating change-over	—	•
	Control by 2 remote controllers	•	•
	Group control by 1 remote controller	•	•
	External command control	•	•
	Central remote control	•	•
	Interlock control	•	•
Others	Anti corrosion treated heat exchangers	*3	*3

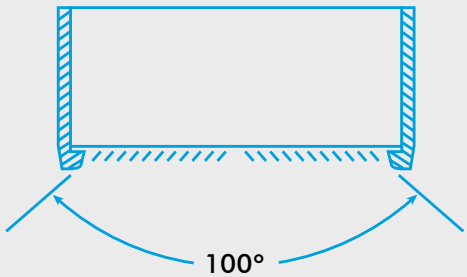
*1 Installable on max. 3.5 m high ceiling
*2 Applicable when wired remote controller is used
*3 For outdoor units
*4 Applicable when BRC1D61 or BRC1E62 is used
*5 Option

COMFORT

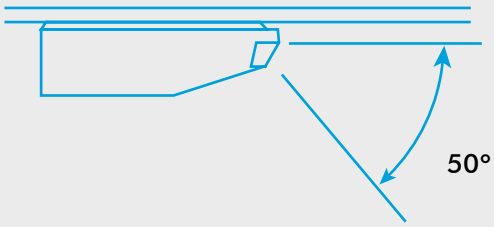
- **AUTO-SWING (UP & DOWN) BRINGS COMFORT TO THE ROOM**

- **DISTRIBUTES AIR EVENLY THROUGHOUT THE ROOM**

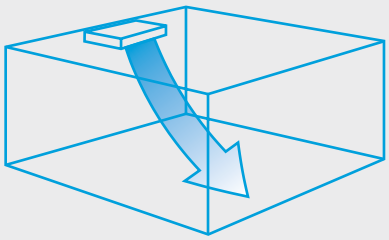
WIDE AIR DISCHARGE OPENINGS PRODUCE A SPREADING 100° AIRFLOW



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 (BRC1E62)) contain temperature-sensors. Temperature sensing can be set at the unit or, to further improve comfort level, closer to the target area at the wired remote control. This feature requires initial setting by the installer.

  Temperature-sensor on indoor unit must be used when the air-conditioner is controlled from another room. Wireless remote controller does not have a temperature-sensor.

- **SWITCHABLE FAN SPEED: HIGH/MIDDLE/LOW**

- **PROGRAMME 'DRY'**
  Dehumidification is micro-processor controlled to prevent abrupt and uncomfortable changes in air temperature.

- **EASY CLEAN, FLAT SURFACES**
  For all maintenance tasks, access is from bottom surface.

- **OIL RESISTANT GRILLE**
  Oil-resistant plastic is used for the air discharge 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.

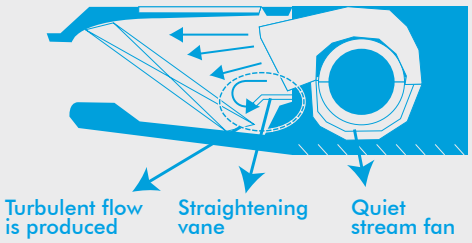
- **QUIET OPERATION**
  Sound operation has been reduced on the exposed ceiling suspended type unit.

dB(A)

INDOOR UNIT	HIGH	LOW
50BV	39	35
60BV	39	35
71BV	39	35
100BV	42	37
125BV	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



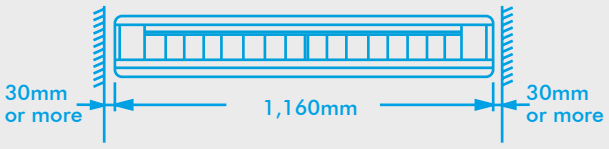
WORK & SERVICING

- **FLEXIBLE INSTALLATION FLEXIBILITY FOR FREEDOM OF DESIGN**

- **UNIFORM HEIGHT AND DEPTH**
  Compact design for small-capacity models to meet tighter dimensional spaces.

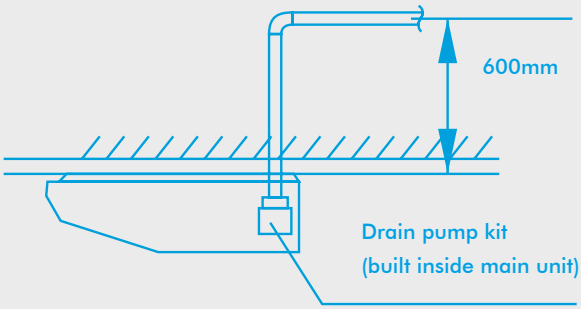
- **FLEXIBLE INSTALLATION**
  The unit fits more snugly into tight spaces.

FOR 71BV INDOOR UNIT



*WATER USED IN THE TEST-RUN CAN NOW BE DRAINED FROM THE AIR DISCHARGE OPENING RATHER THAN FROM THE SIDE AS WAS FORMERLY THE CASE.

- **DRAIN PUMP KIT (OPTION) CAN BE EASILY INCORPORATED**
  Drain pipe connection can be done inside the unit. Refrigerant and drain pipe outlets are at the same opening.



- **ALL WIRING AND INTERNAL SERVICING CAN BE DONE FROM UNDER THE UNIT**

- **PIPES MORE EASILY RIGGED**

- **LOW GAS PRESSURE DETECTION**
  (Applicable to RZQ71KCV4A, RZQ100/125KCV4A, RZQ100/125HAY4A outdoor units)

- **LONG-LIFE FILTER LASTS UP TO 6 MONTHS***
  * For dust concentration of 0.15 mg/m^3
  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-DEW FLAP BRISTLES MINIMISE CLINGING DIRT AND SIMPLIFY CLEANING**
  Absence of bristles minimises clinging dirt and simplifies cleaning.

CEILING MOUNTED SLIM DUCT TYPE

FDXS SERIES

HEAT PUMP

FDXS SERIES

HEAT PUMP

INVERTER

SUITABLE FOR TIGHT CEILING SPACES

R-410A

SLIM PROFILE

QUIET OPERATION

FDXS25~60C (HEAT PUMP)	2.4 KW ~ 6.0 KW	COOLING
	3.2 KW ~ 7.0 KW	HEATING

ACCESSORY REQUIRED FOR INDOOR UNIT

WIRED LCD REMOTE CONTROLLER

Standard

BRC944B2

Note: 3 m (BRCW901A03) or 8 m (BRCW901A08) length wired remote controller cord is necessary.

WIRELESS LCD REMOTE CONTROLLER

Option

ARC433B69

A signal receiver must be added to the indoor unit.

Signal receiver unit
(Separate type)

A signal receiver must be added to the indoor unit.

FEATURES

FDXS-CVMA		Heat Pump
Comfort	Switchable fan speed	•
	Programme 'Dry'	•
	Hot start	•
Work & Servicing	Pre charged for up to 10 m	•
	Self-diagnosis function	•
Control features	Auto-restart	•
	Auto-cooling/ heating change-over	•
Others	PE fin	•

COMFORT

- **QUIET OPERATION**
  Indoor unit quiet operation provides a low sound level of 29 dB(A) and outdoor unit quiet operation provides a low sound level of 44 dB(A) for FDXS25C.

- **DISTRIBUTES AIR EVENLY THROUGHOUT THE ROOM**
  The only visible signs of these unobtrusive units are their discharge grilles. They fit completely inside the ceiling to maintain the original décor of a room. Each unit comes with its own wireless remote controller.

WORK & SERVICING

- **SLIM PROFILE**
  The new series adds a 2.5 kW model. All units share the same low height of just 200 mm. This means it is now possible to install a unit inside a shallow ceiling cavity with a height of just 240 mm.

FLOOR STANDING TYPE

FVQ SERIES

COOLING ONLY & HEAT PUMP

FVQ SERIES
COOLING ONLY & HEAT PUMP

INVERTER

R-410A

COMFORT THROUGH NEW AIRFLOW CONTROL

NEW COMFORTABLE AIRFLOW CONTROL | LIGHTWEIGHT INDOOR UNIT | EMPLOYS A SAFETY LOCK FUNCTION OF SUCTION GRILLE | SWITCHABLE FAN SPEED | PROGRAMME 'DRY' | QUIET OPERATION

FVQ71~140 (COOLING ONLY)	7.1 KW ~ 13.5 KW	COOLING
FVQ71~140 (HEAT PUMP)	7.1 KW ~ 13.5 KW	COOLING
	8.0 KW ~ 16.0 KW	HEATING

ACCESSORY REQUIRED FOR INDOOR UNIT

NAVIGATION REMOTE CONTROLLER

Option

BRC1E62
(WIRED REMOTE CONTROLLER)

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

FEATURES

FVQ-CVEB		Cooling Only	Heat Pump
Comfort	Auto swing	•	•
	Independent up-and-down airflow	•	•
	Switchable fan speed (3 step)	•	•
	High fan speed mode	*1	*1
	Programme 'Dry'	•	•
	Two selectable temperature-sensors	*2	*2
	Hot start (after defrost)	—	•
	Year-round cooling applicable	—	•
	Night quiet operation	*3	*3
	Timer selector	•	•
	Weekly schedule timer	*4	*4
Cleanliness	Anti-bacterial air filter	•	•
Work & Servicing	Pre charged for up to 30 m	*3	*3
	Long-life filter	•	•
	Filter sign	•	•
	Low gas pressure detection	*3	*3
	Emergency operation	•	•
	Self-diagnosis function	•	•
Control features	Auto-restart	•	•
	Auto-cooling/ heating change-over	—	•
	Control by 2 remote controllers	•	•
	Group control by 1 remote controller	•	•
	External command control	•	•
	Central remote control	•	•
	Interlock control	•	•
Others	Anti corrosion treated heat exchangers	*3	*3

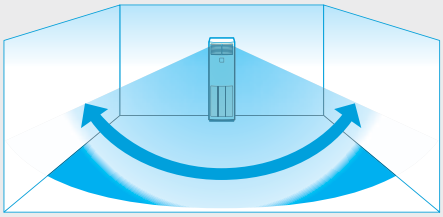
*1 Applicable for FVQ71/100
*2 Applicable when wired remote controller is used
*3 For outdoor units
*4 Applicable when BRC1E62 is used

COMFORT

- **NEW COMFORTABLE AIRFLOW CONTROL**

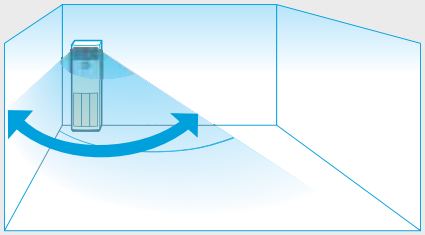
1. Left and Right Directions (By Remote Controller)
   Auto swing direction is selectable from three patterns to suit the layout of the room.

PATTERN 1
WIDE SWING TOWARD THE FRONT



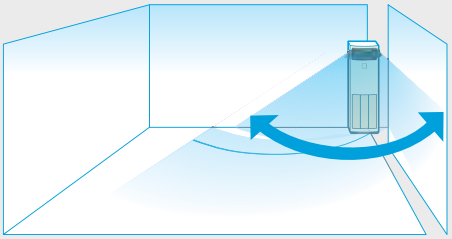
WHEN INSTALLED IN THE CENTER OF A WALL

PATTERN 2
SWING ON THE LEFT SIDE



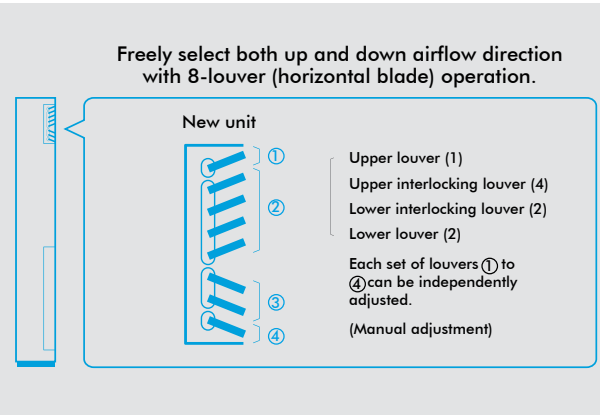
WHEN INSTALLED IN THE CORNER OF A ROOM

PATTERN 3
SWING ON THE RIGHT SIDE



WHEN INSTALLED IN THE CORNER OF A ROOM

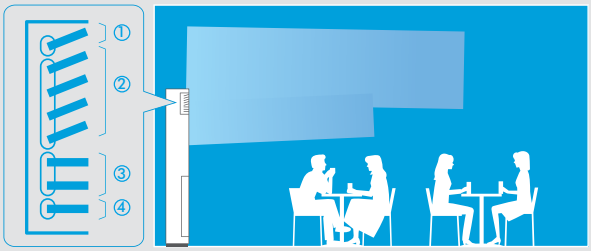
2. Up and Down Directions (By Hand)
Independent up and down airflow directions facilitate even room temperature and help save energy.



Example applications

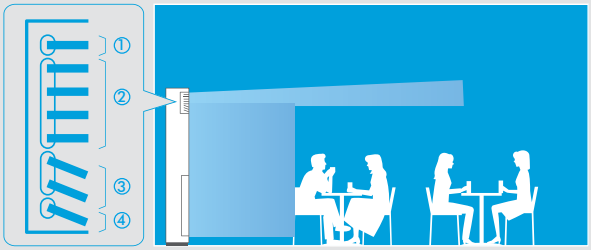
When cooling

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



When heating

Leaving louvers ① and ② horizontal and turning ③ and ④ downward will reduce uneven room temperature.



- **COMFORTABLE FAN SPEED CONTROL**
- **HIGH FAN SPEED MODE (ONLY FVQ71/100)**
  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).
- **SWITCHABLE FAN SPEED: HIGH/MIDDLE/LOW**
- **PROGRAMME 'DRY'**
  Dehumidification is micro-processor controlled to prevent abrupt and uncomfortable changes in air temperature.
- **ENERGY-SAVING**
  A DC fan motor improves efficiency.
- **QUIET OPERATION**

dB(A)

INDOOR UNIT	HIGH	MIDDLE	LOW
71 C	43	41	38
100 C	50	47	44
125 C	51	48	46
140 C	53	51	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**

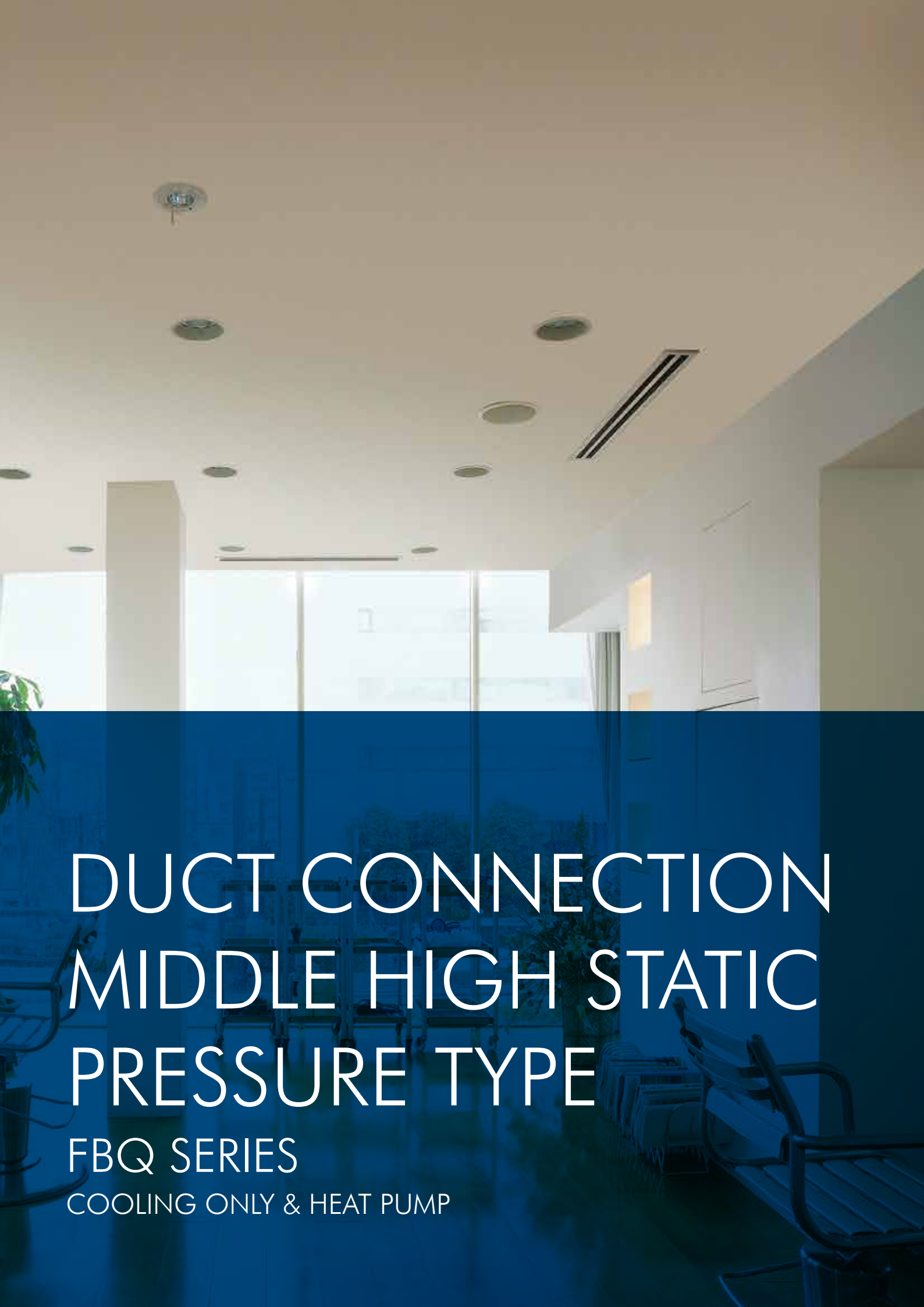
WORK & SERVICING

- **LIGHTWEIGHT INDOOR UNIT**
  Enables smooth transport and installation of the indoor unit.

(kg)

INDOOR UNIT	71C	100 C	125 C	140 C
WEIGHT	39	47	47	47

- **LONG-LIFE FILTER LASTS ABOUT 1 YEAR*, MAINTENANCE NOT REQUIRED**
  *For dust concentration of 0.15 Mg/ M
- **EMPLOYS A SAFETY LOCK FUNCTION OF SUCTION GRILLE**
  The grille will not open even upon impact.
- **EASIER CONNECTION WITH THE CENTRALISED CONTROL SYSTEM**



DUCT CONNECTION MIDDLE HIGH STATIC PRESSURE TYPE

FBQ SERIES

COOLING ONLY & HEAT PUMP

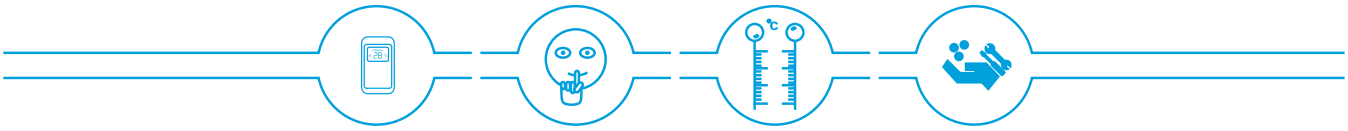
FBQ SERIES

COOLING ONLY & HEAT PUMP

INVERTER

R-410A

FLEXIBLE USE OF SPACE IS MADE POSSIBLE USING DUCTS TO CREATE A ROOM FILLED WITH COMFORT.



FBQ50~140D (COOLING ONLY)	5.0 KW ~ 14.0 KW	COOLING
FBQ71~140D (HEAT PUMP)	7.1 KW ~ 13.1 KW	COOLING
	8.0 KW ~ 16.0 KW	HEATING

ACCESSORY REQUIRED FOR INDOOR UNIT

WIRED LCD REMOTE CONTROLLER

Standard

BRC1C61

Note: Standard for both Cooling Only and Heat Pump models. Remote controller cable not included. Cables must be procured locally.

WIRED LCD REMOTE CONTROLLER WITH WEEKLY SCHEDULE TIMER

Option

BRC1D61

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

WIRELESS LCD REMOTE CONTROLLER

Option

A signal receiver must be added to the indoor unit.

BRC4C64
(Cooling Only)

BRC4C62
(Heat Pump)

SIGNAL RECEIVER UNIT
(Installed type)

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

NAVIGATION REMOTE CONTROLLER

Option

BRC1E62
(Wired Remote Controller)

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

1 TR (TONS OF REFRIGERATION) = 3.517 KW

FEATURES

FBQ-DV1		Cooling Only	Heat Pump
Comfort	Switchable fan speed (2 step)	•	•
	Programme 'Dry'	•	•
	Two selectable temperature-sensors	*1	*1
	Hot start (after defrost)	—	•
	Year-round cooling applicable	—	•
	Night quiet operation	*2	*2
	Timer selector	•	•
	Weekly schedule timer	*3	*3
Cleanliness	Anti-bacterial air filter	*4	*4
	Silver ion anti-bacterial drain pan	•	•
Work & Servicing	Drain pump mechanism	•	•
	Pre charged for up to 30 m	*2	*2
	Long-life filter	*4	*4
	Filter sign	•	•
	Low gas pressure detection	*2	*2
	Emergency operation	•	•
	Self-diagnosis function	•	•
Control features	Auto-restart	•	•
	Auto-cooling/ heating change-over	—	•
	Control by 2 remote controllers	•	•
	Group control by 1 remote controller	•	•
	External command control	•	•
	Central remote control	•	•
	Interlock control	•	•
Options	High-efficiency filter	•	•
Others	Anti corrosion treated heat exchangers	*2	*2

*1 Applicable when wired remote controller is used
*2 For outdoor units
*3 Applicable when BRC1D61 or BRC1E62 is used
*4 Option

COMFORT

- **QUIET OPERATION**

dB(A)

INDOOR UNIT	HIGH	LOW
50 D	37	32
60 D	37	32
71 D	37	32
100 D	38	33
125 D	40	36
140 D	40	36

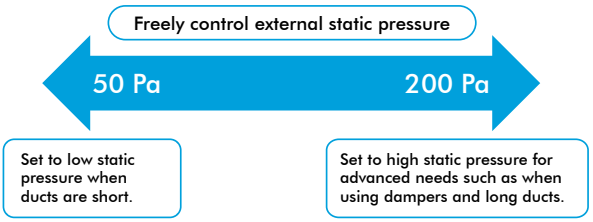
- **TWO SELECTABLE TEMPERATURE-SENSORS**

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.

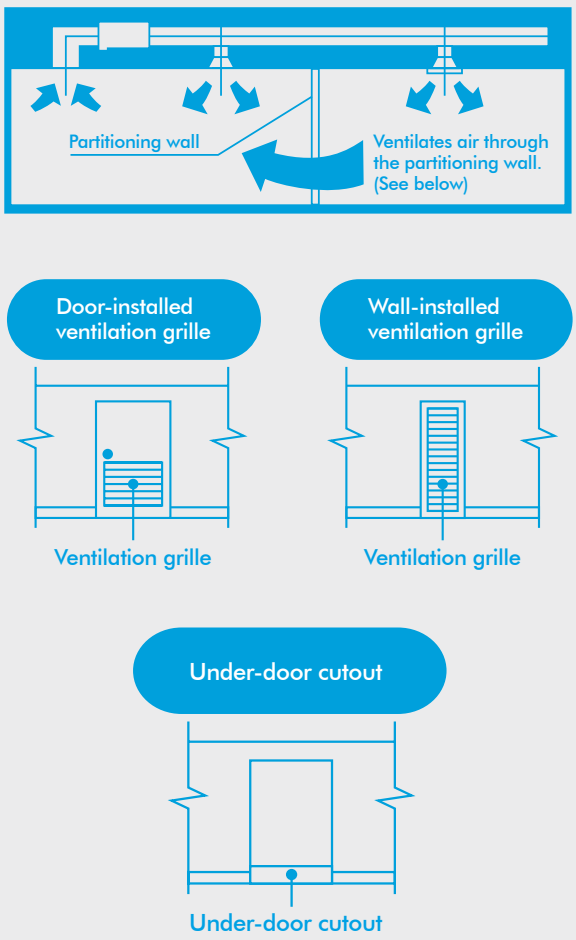
Temperature-sensor on indoor unit must be used when the air-conditioner is controlled from another room. Wireless remote controller does not have a temperature-sensor.

- **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.



- **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.

CLEANLINESS

- **BACTERICIDAL TREATMENT FOR DRAIN PAN**
  Anti bacterial treatment, that includes silver ions, is used which assists in preventing the growth of microorganisms that cause smells and clogging.

WORK & SERVICING

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

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

- **REDUCED INSTALLATION TIME**
  USE REMOTE CONTROLLER TO ADJUST AIRFLOW
  When testing standard integrated ceiling units that employ duct work, much time is required to adjust airflow to the right level. Thanks to the ability provided by Daikin to automatically perform this troublesome adjustment using a remote controller, this step is now quick and easy.
  (Adjust by H tap).

1. Adjust to approximately ±10% of the rated H tap airflow.
2. Once actual operation has begun, adjustment of the rated airflow is not possible.

- **EASY MAINTENANCE**
  Maintenance is easy because the drain pan can be removed.

WALL MOUNTED TYPE

FAQ SERIES

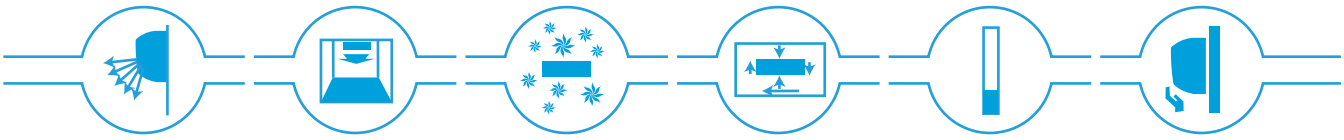
COOLING ONLY & HEAT PUMP

FAQ SERIES
COOLING ONLY & HEAT PUMP

INVERTER

TOP CLASS IN THE INDUSTRY FOR COMPACTNESS AND SILENCE.
WALL MOUNTED AIR-CONDITIONERS DEMAND THIS KIND OF PERFORMANCE.

R-410A



IMPROVED AIRFLOW | COMFORT EVEN ON THE FAR SIDE OF THE ROOM | SOPHISTICATED EXTENSION DESIGN | DRASTIC SIZE REDUCTION | LOW GAS PRESSURE DETECTION | EASIER TO INSTALL AND SERVICE

FAQ71~100 (COOLING ONLY)	7.1 KW ~ 10.0 KW	COOLING
FAQ71~100 (HEAT PUMP)	7.1 KW ~ 10.0 KW	COOLING
	8.0 KW ~ 11.2 KW	HEATING

ACCESSORY REQUIRED FOR INDOOR UNIT

WIRED LCD REMOTE CONTROLLER

Standard

BRC1C61

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

WIRELESS LCD REMOTE CONTROLLER

Option

A signal receiver must be added to the indoor unit.

BRC7EB519 (C/O)
BRC7EB518 (H/P)

Signal receiver unit
(Installed type)

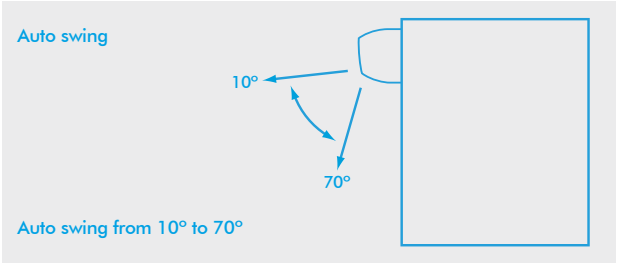
FEATURES

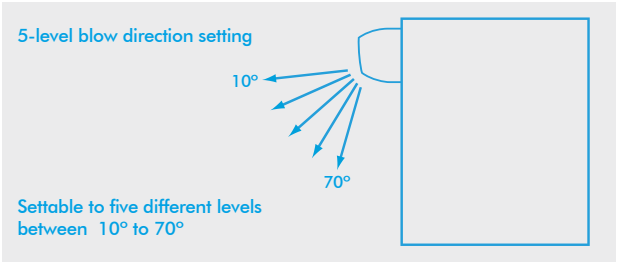
FAQ		Cooling Only	Heat Pump
Comfort	Auto swing	•	•
	Draft prevention function	—	•
	Switchable fan speed	• (3 step)	• (3 step)
	Auto airflow rate	• *3	• *3
	Program 'Dry'	•	•
	Two selectable temperature-sensors (*1)	•	•
	Hot start (after defrost)	—	•
	Year-round cooling applicable	—	•
	Night quiet operation (*2)	•	•
Remote Controller	Setpoint auto reset (*3)	•	•
	Setpoint range set (*3)	•	•
	Weekly schedule timer (*4)	•	•
	Off timer (programmed) (*3)	•	•
	On/off timer (*3)	•	•
Cleanliness	Mould-proof air filter	•	•
Work & Servicing	Drain pump mechanism	• *5	• *5
	Pre-charged for up to 30 m (*2)	•	•
	Filter sign	•	•
	Low gas pressure detection (*2)	•	•
	Emergency operation	•	•
	Self-diagnosis function	•	•
Control Features	Auto-restart	•	•
	Auto-cooling/heating change-over	—	•
	Control by 2 remote controllers	•	•
	Group control by 1 remote controller	•	•
	External command control	•	•
	Central remote control	•	•
	Interlock control	•	•
	DIII-NET communication standard	•	•
Others	Anti corrosion treated heat exchangers (*2)	•	•

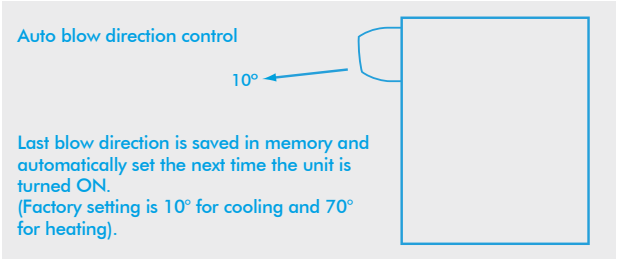
*1 Applicable when wired remote controller is used
*2 For the outdoor units
*3 Applicable when BRC1E62 is used
*4 Applicable when BRC1D61 is used
*5 Option

COMFORT

- **IMPROVED AIR BLOW MODES ENSURE COMFORTABLE AIR DISTRIBUTION ACROSS THE ENTIRE ROOM.**





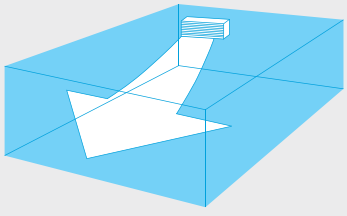


- **SWITCHABLE FAN SPEED: HIGH/LOW PROGRAMME 'DRY'**
  Dehumidification is computer controlled to prevent abrupt and uncomfortable changes in air temperature.

- **TWO SELECTABLE THERMO-SENSORS**
  Both indoor unit and wired remote controller (option) contain thermo-sensors. Temperature detection can be set at the unit or, to further improve comfort level, closer to the target area at the wired remote control.

  Note: Thermo-sensor on indoor unit must be when the air-conditioner is controlled from another room. (Wireless remote controller does not have a thermo-sensor).

- **COMFORT EVEN ON THE FAR SIDE OF THE ROOM**
  To carry air to the far side of long rooms, extra-high air blow adds 10% more fan speed to the 'high' setting. Air blow strength is selected from the remote controller.



- **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 computer to ensure proper gas pressure.

NON INVERTER SERIES

WALL MOUNTED TYPE

FTN SERIES

COOLING ONLY

FTN SERIES
COOLING ONLY

TOP CLASS IN THE INDUSTRY FOR COMPACTNESS AND SILENCE. WALL MOUNTED AIR-CONDITIONERS DEMAND THIS KIND OF PERFORMANCE.

R-410A

RAPID COOLING HIGHEST FAN SPEED FOR IMMEDIATE COMFORT

COMFORT EVEN ON THE FAR SIDE OF THE ROOM

EFFECTIVE COOLING WITH LOWER NOISE LEVEL

DRASTIC SIZE REDUCTION

DIFFERENT FAN SPEED IS AVAILABLE FOR COMFORT SELECTION

EASIER TO INSTALL AND SERVICE

FTN80JXV16 (COOLING ONLY)	8.2 KW

ACCESSORY REQUIRED FOR INDOOR UNIT

WIRELESS LCD REMOTE CONTROLLER

Standard

BRC52A62

FEATURES

FTN80JXV16		Cooling Only
Comfort	Quiet Mode	•
	Dry Mode	•
	Auto Mode	—
	Sleep Mode	•
	Turbo Mode	•
Airflow	Selectable Fan Speed	•
	Automatic Vertical Swing	•
	Manual Horizontal Airflow	•
	4-Way Air Discharge	—
	8-Way Air Discharge	—
Work & Servicing	Self Diagnosis	—
	Built-in-High Head Drain Pump	—
IAQ	Washable Saranet Filter	•
Fin type	Anti Corrosion Hydrophilic Gold Fin	•
Control features	With Wireless Remote Controller	•
	With Wired Remote Controller	—
	Auto Random Restart	•
Power supply	Power from Outdoor	•

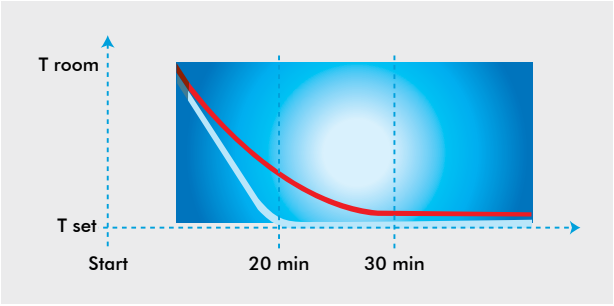
*1 Option

1 TR (Tons of Refrigeration) = 3.517 kW

COMFORT

- **STYLISH FLAT-PANEL**
  Ideal blend of style and function. Regular cleaning is easier by just wiping the flat front panel. This ensures the air-conditioner looks brand new at all time.

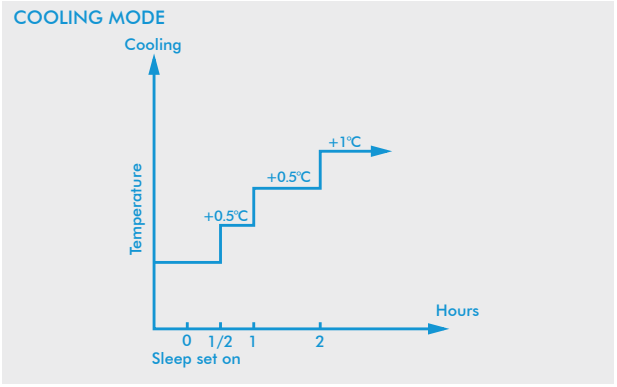
- **TURBO MODE**
  Once it is activated the air-conditioner will run on full power with the indoor fan running at maximum speed for 20 minutes. This enables the set temperature to be achieved faster. If Turbo and Sleep are activated at the same time, the Sleep mode timer will be reset, it will resume after Turbo function is cleared.



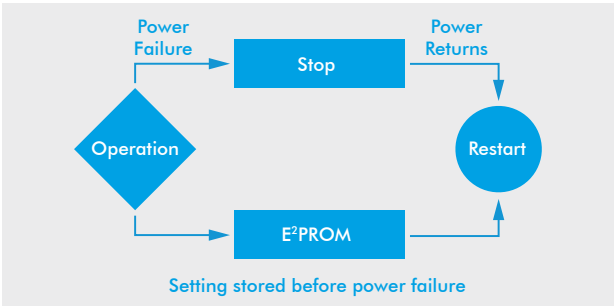
- **LOWER SOUND LEVEL**
  With up to five selectable fan speeds, users are given more choices. By selecting Quiet mode, the sound pressure level can be reduced to an unobtrusive 39 dBA.

- **COMPACT AND EASY-TO-USE HANDSET**
  1. Prominent 40 mm LCD display.
  2. Real time clock display.
  3. Dedicated buttons for Quiet and Turbo functions.

- **SLEEP MODE**
  Once activated, Sleep Mode ensures a comfortable environment for restful sleep. Depending on the mode, set temperature is increased/decreased gradually according to normal sleeping temperature patterns.



- **AUTO RANDOM RESTART WITH LAST-STATE-MEMORY**
  In the event of a sudden power failure during operation, unit restarts automatically in 64 different recovery timing patterns (within 180 seconds to 244 seconds) and the unit will operate based on the previous setting (operating mode, temperature setting and fan speed). This ensures that air-conditioners in the same building resume randomly instead of all units resuming at the same time, preventing power surge after a blackout.



HIGHER COOLING CAPACITY WALL MOUNTED UNIT WITH THE KEY FEATURES BELOW:

- Uniform Air Distribution
  Automated air swing ensures conditioned air is distributed evenly.
- Quiet Operation
  Random-pitched fan blade delivers high air flow at lower sound level.
- Easy Maintenance
  Air intake grille is easily detachable to be cleaned with water.

FLOOR STANDING TYPE

FVRN & FVQN SERIES

COOLING ONLY & HEAT PUMP

FVRN & FVQN SERIES

COOLING ONLY & HEAT PUMP

R-410A

AN IDEAL WAY OF SAVING SPACE WITH STYLE AND FUNCTIONALLY, WITH ITS EASE OF INSTALLATION. IT IS SUITED TO BE INSTALLED IN OFFICES, COMMERCIAL SHOPS, RESTAURANTS AND SHOWROOMS.

SELECTABLE FAN SPEED | QUIET MODE | WITH WIRELESS CONTROLLER* | DRY MODE | WASHABLE SARANET FILTER

FVRN71~140 (COOLING ONLY)	8.2KW ~ 16.1 KW	COOLING [1]
FVQN71 ~ 140 (HEAT PUMP)	8.2KW ~ 16.1 KW	COOLING
	8.1KW ~ 16.0 KW	HEATING

1 FVRN71 only

ACCESSORY REQUIRED FOR INDOOR UNIT

WIRELESS HANDSETS

Standard

BRC52A62
(Cooling Only)

BRC52A61
(Heat Pump)

WIRED HANDSET

Option

BRC51A62
(Cooling Only)
BRC51A61
(Heat Pump)

FEATURES

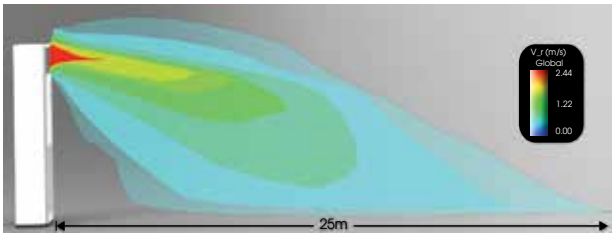
FVR/QN-AXV1		Cooling Only	Heat Pump
Comfort	Turbo Mode	•	•
	Quiet Mode	•	•
	Dry Mode	•	•
	Auto Mode	—	•
	Sleep Mode	•	•
Airflow	Selectable Fan Speed	•	•
	Manual Vertical Swing	•	•
	Automatic Horizontal Airflow	•	•
IAQ	Washable Saranet Filter	•	•
	Plasma (Optional)	•	•
Fin type	Anti Corrosion Hydrophilic Gold Fin	• *2	• *2
Controller	With Wireless Remote Controller	•	•
	With Wired Remote Controller	*1	*1
	Auto Random Restart	•	•
Power supply	Power from Outdoor	•	•
Option	Condensate Water Drain Pump	*1	*1
Other	Large Buttons on Control Panel	•	•
	Key lock For Prevention of Setting Change	•	•
	Error Code Display on the Seven-Segment of the Control Panel	•	•

*1 Option
*2 Outdoor units only
1 TR (Tons of Refrigeration) = 3.517 kW

COMFORT

- **FLOOR STANDING AIR FLOW**

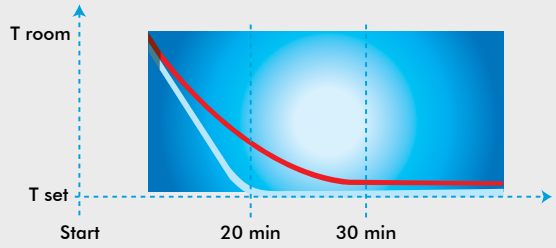
The floor standing is able to achieve air flow distance up to 25m*



*Note: Based on size 140

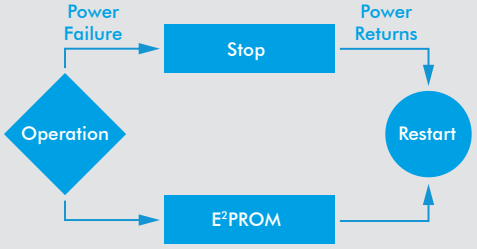
- **TURBO MODE**

Once it is activated the air-conditioner will run on full power with the indoor fan running at maximum speed for 20 minutes. This enables the set temperature to be achieved faster.



- **AUTO RANDOM RESTART WITH LAST-STATE-MEMORY**

In the event of a sudden power failure during operation, the floor standing restarts automatically in 64 different recovery timing patterns (within 180 seconds to 244 seconds) and it will operate based on the previous settings (operating mode, temperature setting and fan speed). This ensures that air-conditioners in the same building resume randomly instead of all units resuming at the same time, preventing power surge after a blackout.



Setting stored before power failure

WORK & SERVICING

LOCATION OF CONDENSATE WATER DRAIN PUMP

* Condensate water drain pump is optional, separately purchased and field installed.

Piping Floor Standing Type

SAFETY CACHE DURING REMOVAL OF FILTER FOR PREVENTION OF ACCESS TO ELECTRICAL AND MECHANICAL PARTS

REMOVABLE WASHABLE SARANET FILTER

AIR FLOW

- **AUTO SWING**
  Left and right auto swing to cool the corners of the room.

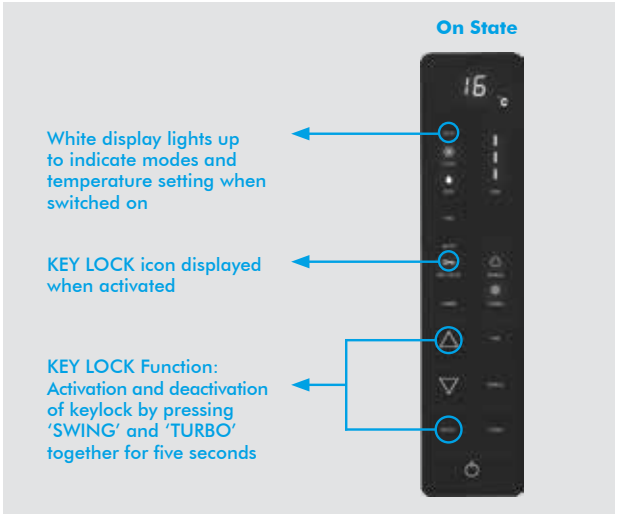
Auto horizontal swing

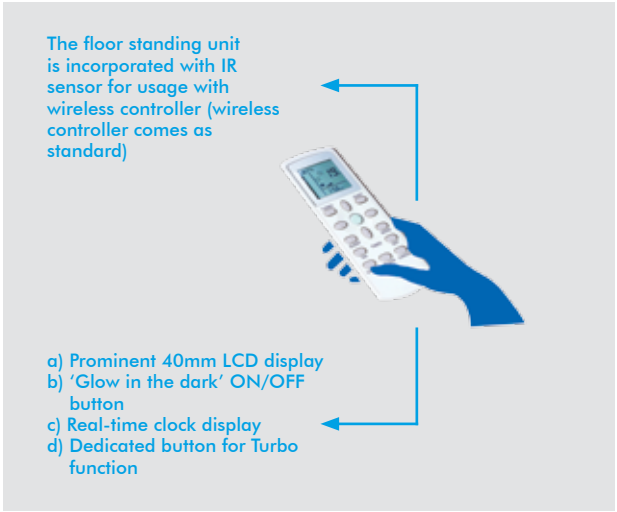
Manual setting of vertical airflow louvers

CONTROLLERS

The floor standing unit can be controlled by following methods:
a) Settings by pressing the control panel on the unit.
b) Settings by using the wireless controller (wireless controller comes as standard)
c) Settings by wired remote controller (optional)

- **FLOOR STANDING CONTROL PANEL**
  A stylish black control panel with white LED light for crisp clear display.





OTHERS

- **SPACE IN THE UNIT BELOW THE FAN ABLE TO ACCOMMODATE DRAIN PUMP, DEPENDING ON DRAIN PUMP SIZE (DRAIN PUMP IS OPTIONAL, SEPARATELY PURCHASED AND FIELD INSTALLED)**
- **LARGE BUTTONS ON CONTROL PANEL FOR EASE OF USE**
- **ERROR CODE DISPLAY ON THE SEVEN-SEGMENT OF THE CONTROL PANEL INDICATES BY BLINKING**
- **KEY LOCK FOR PREVENTION OF SETTING CHANGE BY UNAUTHORISED PERSONNEL**

CEILING CONCEALED SERIES

FDMRN & FDB/MF SERIES

COOLING ONLY & HEAT PUMP

FDMRN/ FDMQN/ FDB/MF SERIES

COOLING ONLY & HEAT PUMP

ENHANCE THE DÉCOR OF YOUR ROOM WITH THE NEW UNOBTRUSIVE CONCEALED SERIES

SELECTABLE FAN SPEED | QUIET MODE | WITH WIRELESS CONTROLLER* | DRY MODE | WASHABLE SARANET FILTER

FDBF12~FDMF54 (COOLING ONLY)	3.5 KW ~ 15.8 KW	COOLING	R-32
FDMRN25~140 (COOLING ONLY)	2.4 KW ~ 16.1 KW	COOLING	R-410A
FDMQN25~140 (HEAT PUMP)	2.8 KW ~ 16.1 KW	COOLING	R-410A
	2.8 KW ~ 16.1 KW	HEATING	R-410A

ACCESSORY REQUIRED FOR INDOOR UNIT

WIRED HANDSETS

Standard

BRC51A62
(Cooling Only)
BRC51A61
(Heat Pump)

(Applicable for FDMR/QN only)

LCD type
(Aplicable for FDB/MF)

WIRELESS HANDSETS

Standard

BRC52A62
(Cooling Only)

(Applicable for FDMR/QN only)

BRC52A61
(Heat Pump)

(Applicable for FDMR/QN only)

Note: For the availability of FDMF 30/36/42/48/54 please contact your nearest Daikin Channel partner

FEATURES

FDMR(Q)N		Cooling Only	Heat Pump
Comfort	Auto Fan Speed	•	•
	Auto Mode	—	•
	Auto Defrosting	—	•
	Dry Function	•	•
	Sleep Mode	•	•
IAQ	Washable Saranet Filter	•	•
Fin type	Anti Corrosion Hydrophilic Gold Fin	• *2	• *2
Controller	Wireless Controller	*1	*1
	Wired Controller	•	•
	24 Hour On/Off Timer	•	•
	Delay Timer	•	•
	Self Diagnosis Display	•	•
Protection	Auto Random Restart	•	•
	Hydrophilic Gold Fin OutdoorHeat Exchanger	•	•
Power supply	Power from Outdoor	•	•

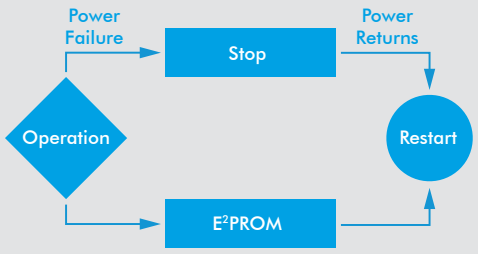
*1 Option
*2 Outdoor units only
1 TR (Tons of Refrigeration) = 3.517 kW

EXCELLENT AIR DISTRIBUTION

The conditioned air can be distributed evenly to every corner of the room through ducting. This helps to create a pleasant environment and maintain comfort. Furthermore, multiple areas can be conditioned simultaneously by using just one indoor unit.

AUTO RANDOM RESTART WITH LAST-STATE-MEMORY

In the event of a sudden power failure during operation, unit restarts automatically in 64 different recovery timing patterns (within 180 seconds to 244 seconds) and the unit will operate based on the previous setting (operating mode, temperature setting and fan speed). This ensures that air-conditioners in the same building resume randomly instead of all units resuming at the same time, preventing power surge after a blackout.



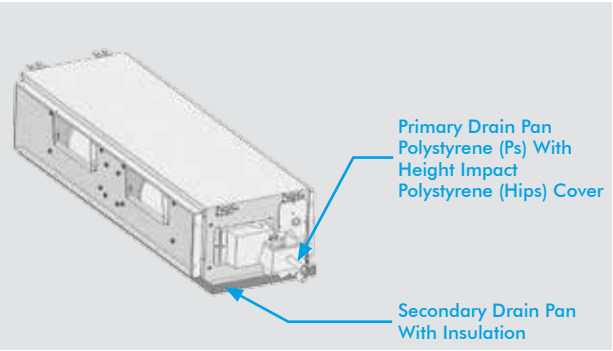
Setting stored before power failure

DOUBLE PROTECTION DRAINAGE SYSTEM

The primary drain pan is designed with high thermal insulation material and moulded in gradient for better condensate water drainage. The extra secondary drain pan 'built-in' to the standard unit offers extra protection against possible water leaking problems.

FLEXIBILITY IN SYSTEM DESIGN

The unit offers fan motor that can operate up to 4 speeds, thus providing choices of external static pressure for designing ducting system.



SELF DIAGNOSIS FEATURES

The microprocessor provides the possibility to detect and to diagnose any faults that occurs in the system. Faults are displayed as error code in the wired controller. This will ease the troubleshooting process.


DAIKIN
DAIKIN
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OUTDOOR UNITS

OUTDOOR UNITS

NEW COMPACT OUTDOOR UNIT - INVERTER

RZR50LVVM
RZR60LVVM
RZR71LVVM

RZR100LVVM

RZR100LUY1
RZR125LVVM/LUY1
RZR140LVVM/LUY1

RZQ71KCV4A

RZQ100KCV4A
RZQ125KCV4A
RZQ140KCV4A

RZQ100HAY4A
RZQ125HAY4A
RZQ140HAY4A

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

	RZR50-140LV RZQ71KC	RZQ100-140KC RZQ100-140HA
Pre charged[1]	30 m	
Max length	50 m (Equivalent length 70 m)	75 m (Equivalent length 90 m)
Max. level difference	30 m	

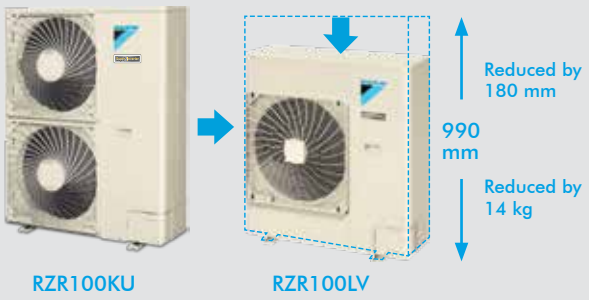
Note: [1]Additional refrigerant charging is required if the refrigerant pipe is longer than the length.

- **COMPACT AND LIGHTWEIGHT**

  Reduced installation work thanks to light, compact outdoor unit.

Comparison of outdoor units

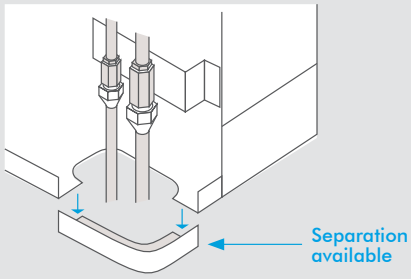
	Conventional (RZR100KU)	New (RZR100LV)
Height (mm)	1,170	990
Weight (kg)	92	78



- **4-DIRECTION PIPING OFFERS GREATER LAYOUT FREEDOM**

(Not applicable for RZR50-71)

The outer panel for the piping connection part of the front, right side and back 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.

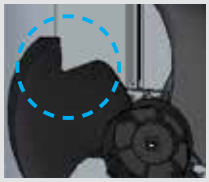
- **LOW GAS PRESSURE DETECTION FUNCTION**

Effective gas monitoring reduces the labour 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.



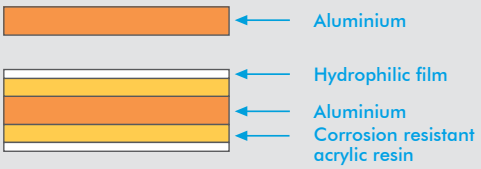
Φ550 V-cut propeller fan

Imitating the performance of the swan

DURABILITY

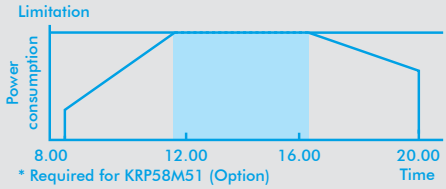
As the bottom frame is subject to corrosion, corrosion-proof galvarium steel plate is adopted to enhance durability. Heat exchange fins are provided with anti-corrosion treatment.

CONSTRUCTION NON-TREATED FIN PE FIN



DEMAND CONTROL FUNCTION

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



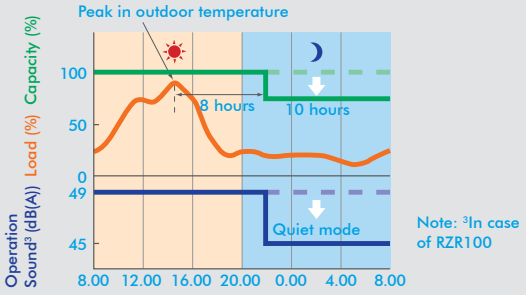
NIGHT TIME QUIET OPERATION FUNCTION

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. (By remote controller at site)

*Reducing noise will reduce capacity slightly.

Cooling only	Heat pump	Sound level[1] (dB(A))	
		Rated	Night quiet mode
RZR50/60LV	-	48	44
RZR71LV	RZQ71KC	48	44
RZR100LV	RZQ100KC/100HA	49	45
RZR125LV	RZQ125KC/125HA	50	45
RZR140LV	RZQ140KC/140HA	50	46

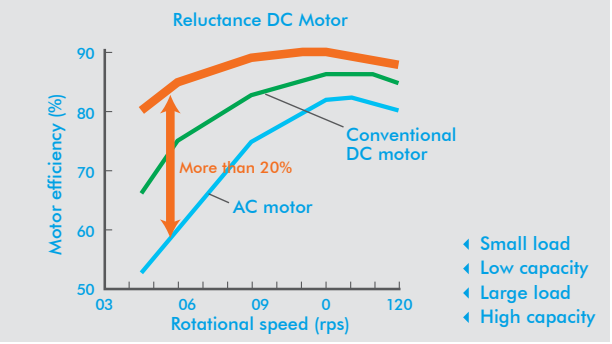
Note: 1 Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions. 2 Value when cooling. Value will differ when heating.

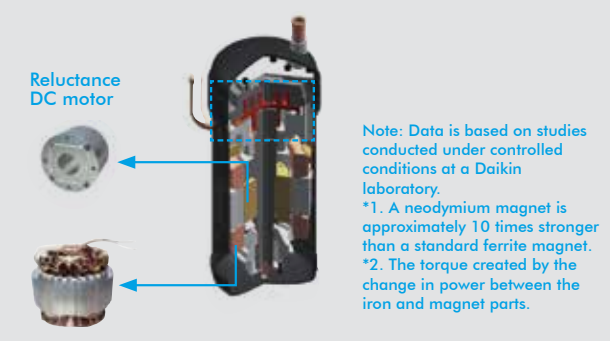


TECHNOLOGY FOR ENERGY EFFICIENCY

The high efficiency compressor to achieve a high COP.

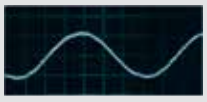
- **COMPRESSOR EQUIPPED WITH RELUCTANCE DC MOTOR**
  Daikin DC Inverter models are equipped with the Reluctance DC motor for compressor. The Reluctance DC motor uses two different types of torque, neodymium magnet*1 and reluctance torque*2. This motor can save energy because it generates more power with a smaller electric power than an AC or conventional DC motor.





Note: Data is based on studies conducted under controlled conditions at a Daikin laboratory.
*1. A neodymium magnet is approximately 10 times stronger than a standard ferrite magnet.
*2. The torque created by the change in power between the iron and magnet parts.

- **SMOOTH SINE WAVE DC INVERTER**
  Use of an optimised sine wave smoothes motor rotation, further improving operating efficiency.

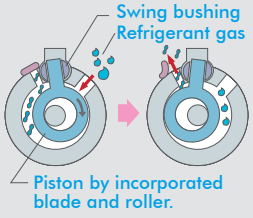


Sine wave DC inverter

RZR50/60/71/100LVVM
RZQ50/60KB, RZQ71KC

>> Swing compressor

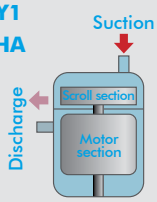
Energy savings are realised, eliminating the friction and the leakage of refrigerant gas.



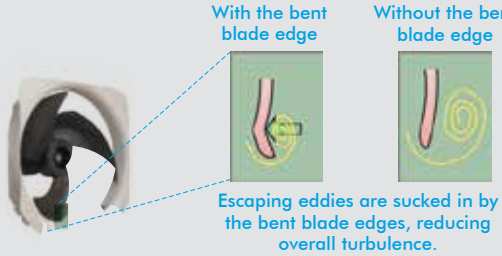
RZR125/140LVVM, RZR100/125/140LUY1
RZQ100/125/140KC, RZQ100/125/140HA

>> The structural scroll

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

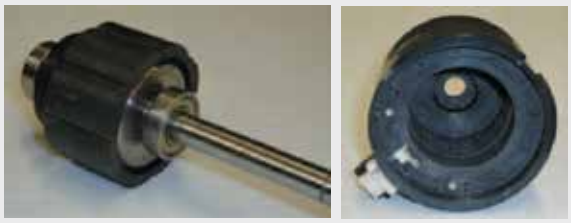


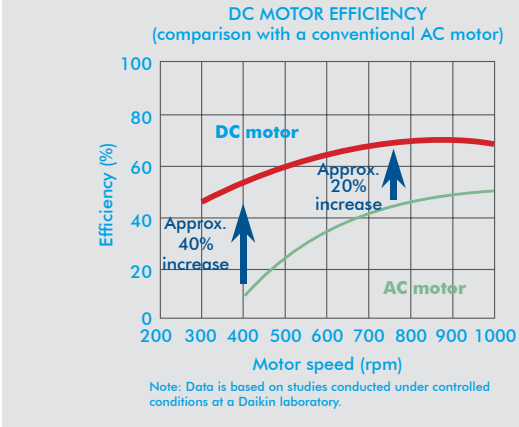
- **SMOOTH AIR INLET BELL MOUTH AND AERO SPIRAL FAN**
  (not applicable for RZR50-71)
  These two features work to reduce noise. Guides are added to the bell mouth intake to reduce turbulence in the airflow generated by fan suction. The Aero Spiral Fan features blades with bent edges, further reducing turbulence.



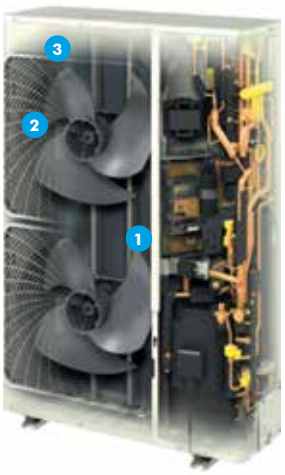
- **DC FAN MOTOR**
  Efficiency improved in all areas compared to conventional AC motors, especially at low speeds.

DC FAN MOTOR STRUCTURE





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

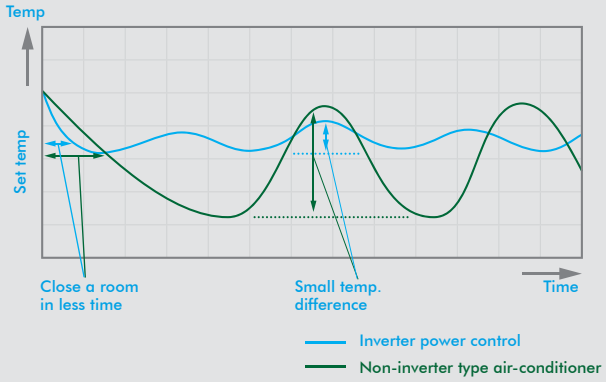


- **SUPER AERO GRILLE**
  Refined ventilation mechanism enables further reduction in required fan power.

- **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.

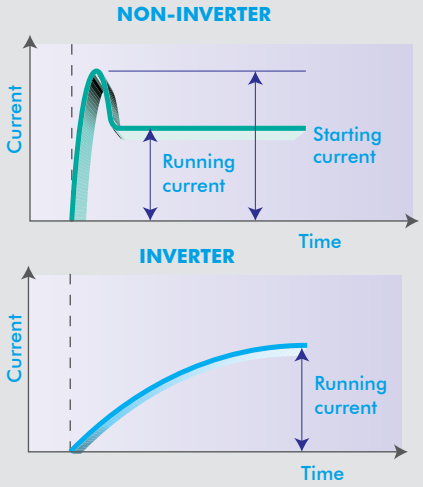
Non-inverter type air-conditioners must be switched on and off repeatedly, causing large fluctuations of the room temperature.

COOLING OPERATION



Super Inverter INVERTER

Soft starter is unnecessary, making electrical installation work much simpler.



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

- **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.

RZR100LVVM

Super Inverter INVERTER

	Sound level[1] (dB(A))	
	Rated[2]	Night quiet mode
RZR50/60LVVM	48	44
RZR71LVVM	48	44
RZR100LVVM/LUY1	49	45
RZR125LVVM/LUY1	50	45
RZR140LVVM/LUY1	50	46

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

OUTDOOR UNITS

NON INVERTER

R(Y)N25/35CG

R(Y)N50/60CG

RR(Q)71C

RR(Q)90/100/125/140D

COMPACT & QUIET

- **EQUIPPED WITH SCROLL COMPRESSOR FOR QUIETER OPERATION**
  Smooth running, minimal vibration, low operating noise.
  (Applicable for RR(Q)90/100/125/140D)

dB(A)

Cooling Only/Heat Pump Outdoor unit	Sound Level
R(Y)N25CG	46
R(Y)N35CG	49
R(Y)N50CG	52
R(Y)N60CG	52
RR(Q)71CG	58
RR(Q)90DG	58
RR(Q)100DG	58
RR(Q)125DG	60
RR(Q)140DG	65

DURABILITY

- **INSTALLATION AND MAINTENANCE**
  (Smoother and easier)

- **PRE-CHARGED FOR UP TO 7.5 METRES**
  If refrigerant piping length does not exceed 7.5 m, there is no need for on-site gas charging.

Allowed refrigerant pipe length and height difference

	Pre-charged *1	Max. length	Max. Elevation
R(Y)N25CG	7.5 m	15 (12) m	10 (5) m
R(Y)N35CG	7.5 m	15 (12) m	10 (5) m
R(Y)N50CG	7.5 m	15 (12) m	8 (8) m
R(Y)N60CG	7.5 m	15 (12) m	8 (8) m
RR(Q)71CG	7.5 m	15 (15) m	8 (8) m
RR(Q)90DG	7.5 m	45 (45) m	25 (25) m
RR(Q)100DG	7.5 m	45 (45) m	25 (25) m
RR(Q)125DG	7.5 m	45 (45) m	25 (25) m
RR(Q)140DG	7.5 m	35 (35) m	15 (15) m

Note: *1Additional refrigerant charging is required if the refrigerant pipe is longer than the indicated length. For more information, see the engineering data.

CONTROLLERS

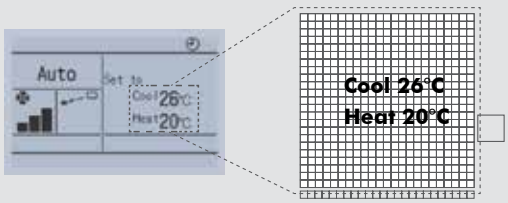
EASY-TO-READ LCD REMOTE CONTROLLER ALLOWS VARIOUS SYSTEM CONTROL CONFIGURATIONS AND CAN CONTROL MULTIPLE INDOOR UNITS. (REMOTE CONTROLLER OPTIONS ARE SHOWN ON THE PAGE INTRODUCING EACH INDOOR UNIT MODEL).

NAVIGATION REMOTE CONTROLLER
Wired Remote Controller BRC1E62

- **CLEAR DISPLAY, SIMPLE OPERATION, 'NAVIGATION REMOTE CONTROLLER'**
  This simple, modern design 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.

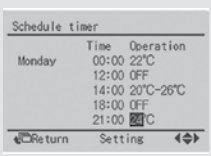
- **AUTO OPERATION MODE**

2 SET POINTS
Display set temperatures at both cooling and heating operations.



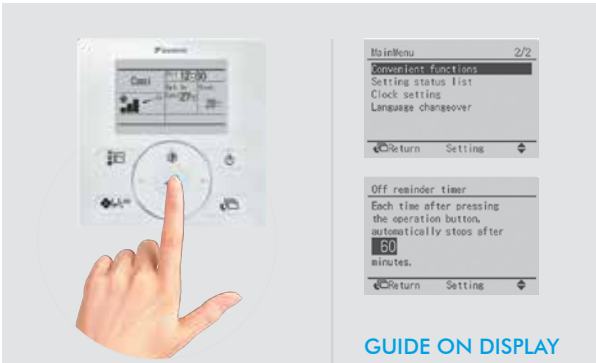
BACKLIGHT DISPLAY
Equipped backlight helps operating in dark rooms.

WEEKLY SCHEDULE TIMER
The schedule timer for each day of the week can be set up easily (3 patterns).



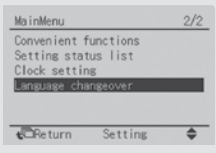
For feature list refer feature table of individual series. Not all features are available with all models.

- **SIMPLE OPERATION**
  Large buttons and arrow keys
  Large buttons and arrows keys for easy operation. Basic settings such as fan speed and temperature can be intuitively operated. For other settings just select the function from the menu list.



GUIDE ON DISPLAY
The display gives an explanation of each setting for easy operation.

- **OTHER FEATURES**
  Multilingual display
  Display is available in 11 languages (English, German, French, Spanish, Italian, Portuguese, Greek, Dutch, Russian, Turkish and Polish).



WIRED LCD REMOTE CONTROLLER

- **EASIER TO READ BECAUSE LCD SCREEN IS LARGER**
  - For easier operation, louvre switches, which are frequently used, have been made larger.
  - Oil-resistant plastic casing increases durability.
  - Only 17mm thick. Can be installed either recessed or exposed.

BRC1C61

WIRED LCD REMOTE CONTROLLER WITH WEEKLY SCHEDULE TIMER

- **REMOTE CONTROL IS EQUIPPED WITH WEEKLY TIMER FUNCTION**
  - 24-hour clock function.
  - Programming function for each day of week.
  - Scheduling possible of start/stop and temperature limit (5 settings/day).

BRC1D61

WIRED CONTROLLER

- Well-designed keypad for user comfort
- Interaction with wireless controller
- Comprehensive error code display
- Key lock and fan lock features
- 7-days programmable timer (2 sets)
- Real-time clock and day display
- Batteries backup and retain setting during power failure
- Last state memory (Memory backup setting from main board)
- Built-in room sensor
- Not applicable to control LED light for cassette panel
- Real-time clock and day display

WIRED REMOTE CONTROLLER

- **NON INVERTER**

	Wired remote controller	C/O	H/P
1	Wall Mounted Type (FTN)	—	—
2	Floor Standing Type (FVRN/FVQN)	BRC51A62	BRC51A61
3	Duct Connection Middle Static Pressure Type (FDMRN/FDMQN)	BRC51A62	BRC51A61

- **INVERTER**

	Wired remote controller	C/O	H/P
1	Wall Mounted Type (FAQ)	BRC1C61 (Standard) BRC1D61 BRC1E62	BRC1C61 BRC1C61 (Standard) BRC1E62
2	Ceiling Suspended Type (FHQ)	BRC1C61 BRC1D61 (Standard) BRC1E62	BRC1C61 BRC1D61 (Standard) BRC1E62
3	Floor Standing Type (FVQ)	BRC1E62	BRC1E62
4	Ceiling Mounted Slim Duct Type (FDXS)	—	BRC944B2 (Standard)
5	Duct Connection Middle High Static Pressure Type (FBQ)	BRC1C61 (Standard) BRC1D61 BRC1E62	BRC1C61 (Standard) BRC1D61 BRC1E62

- **WIRED REMOTE CONTROLLER HAS BUILT-IN THERMO-SENSOR**

(Applicable For BRC1C61/BRC51A61/62)

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

Note: The indoor unit's thermo-sensor is specified at the time of shipment. Thermo sensing with the wired remote controller is not available with the ceiling mounted cassette corner, ceiling-mounted built-in, and duct connection type.

- **FACILITATES MAINTENANCE AND REPAIR**

(Applicable For BRC1C61)

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

- **NON-POLAR, DOUBLE-CORE CONNECTION SPECIFICATIONS SIMPLIFY WIRING**

(Applicable For BRC1C61)

Non-polar, double-core remote controller wire prevents wiring mistakes. Signal receiver unit (or decoration panel) of wireless type is also easy to connect.

- **SKYAIR SHARES COMMON CONTROL WITH HEAT RECLAIM VENTILATOR AND THE OTHER DAIKIN AIR-CONDITIONING UNITS, THUS SIMPLIFYING INTERLOCKING OPERATIONS**

(Applicable For BRC1C61)

- 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.
- Optional adaptor for external commands or remote control of external equipment has been standardised to one type.

WIRELESS LCD REMOTE CONTROLLER

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

Wireless remote controller

Signal receiver unit
(For ceiling mounted cassette type)

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

WIRELESS CONTROLLER (BRC52A62)

- ON/OFF button with night glow
- Fan speed selection: low, med, high, auto
- Temperature setting: up and down
- Selectable mode: automatic, cooling, dry, fan-only operation
- Automatic air swing button
- Sleep mode function
- ON/OFF timer setting
- Quiet function
- Turbo function

WIRELESS REMOTE CONTROLLER

- **NON INVERTER**

	Wired remote controller	C/O	H/P
1	Wall Mounted Type (FTN)	BRC52A62 (Standard)	—
2	Floor Standing Type (FVRN/FVQN)	BRC52A62 (Standard)	BRC52A61 (Standard)
3	Duct Connection Middle Static Pressure Type (FDMRN/FDMQN)	BRC52A62 (Standard)	BRC52A61 (Standard)

- **INVERTER**

	Wired remote controller	C/O	H/P
1	Wall Mounted Type (FAQ)	BRC7EB519	BRC7EB518
2	Ceiling Suspended Type (FHQ)	BRC7EA66	BRC7EA63W
3	Floor Standing Type (FVQ)	—	—
4	Ceiling Mounted Slim Duct Type (FDXS)	—	ARC432B69
5	Duct Connection Middle High Static Pressure Type (FBQ)	BRC4C64	BRC4C62

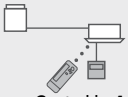
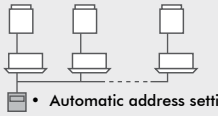
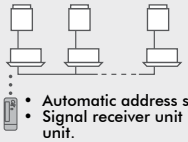
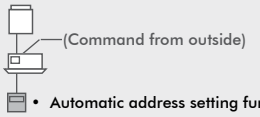
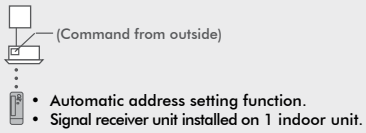
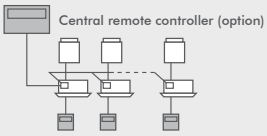
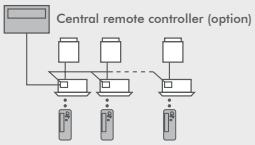
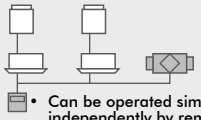
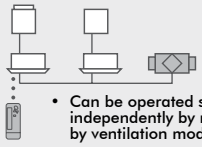
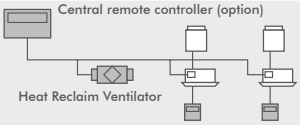
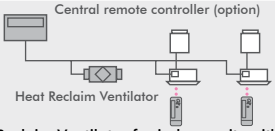
- **LCD PANEL SHOWS OPERATING STATUS IN LETTERS, NUMBERS AND MOTION**

(Applicable for BRC1C61)

Air flow/Swing display	Displays auto-swing operating status and setting position of air discharge angle (Not available for ceiling mounted built-in type and duct connection type).
Preset temperature/ Operation mode display	Displays preset room temperature and operating status (fan, dry, cool).
Programming time display	Operation start and stop time can be set for individual timers up to 72 hours. The liquid crystal display also shows when it is time to clean the filter, when changeover is under centralised control, and ventilation/cleaning.
Self-diagnosis function	Monitors operating status within the system covering 40 items, and displays a message to indicate as soon as a malfunction occurs.

- **SIMPLE SYSTEM PROVIDES A DIVERSE ASSORTMENT OF CONTROL MODES.**

(Refer data book for the list of applicable controllers)

	Control pattern	Wired remote controller	Wireless remote controller
Control by 1 remote controller	(Basic system)	 • Non-polar, double-core. (max. wiring length 500 m)	 • Signal receiver unit installed on indoor unit.
Control by 2 remote controllers	For control from 2 locations such as in room and control room, exits, etc.	 • Connects 2 wired remote controllers.	 • Control by 1 wireless remote controller and 1 wired remote controller. (See note 1) • Signal receiver unit installed on indoor unit.
Group control	For simultaneous control of up to 16 indoor units.	 • Automatic address setting function.	 • Automatic address setting function. • Signal receiver unit installed on 1 indoor unit.
Control by external command	Operation and surveillance is carried out using the contact signal from the operation control box in the building surveillance (security) room.	 (Command from outside) • Automatic address setting function.	 (Command from outside) • Automatic address setting function. • Signal receiver unit installed on 1 indoor unit.
Central remote control	Centralised control of up to 64 indoor units from remote location up to 1 kilometer away.	 Central remote controller (option) • Optional SkyAir series interface adaptor required.*1 Central remote controller (option)	 Central remote controller (option) • Optional SkyAir series interface adaptor required.*1
Interlock control with Heat Reclaim Ventilator	Link by remote controller group control.	 • Can be operated simultaneously or independently by remote controller.(set by ventilation mode).	 • Can be operated simultaneously or independently by remote controller.(set by ventilation mode).
	Zone link control by centralised control.	 Central remote controller (option) Heat Reclaim Ventilator • Heat Reclaim Ventilator for indoor units within a zone are operated by interlocking. Can also be operated independently by remote controller. • Optional interface adaptor for SkyAir series is necessary.*1	 Central remote controller (option) Heat Reclaim Ventilator • Heat Reclaim Ventilator for indoor units within a zone are operated by interlocking. Can also be operated independently by remote controller. • Optional interface adaptor for SkyAir series is necessary.*1

Note: When a wireless remote controller is used, remote control by two remote controllers is not possible.
*1. DIII-net adaptor function is standard equipment for the FAY71L.

Set back time clock BRC15A61 (Option)

When connected to a BRC-type wired remote controller, the user can apply two sets of ON-OFF times at increments of up to 30 minutes per day. For each ON—OFF setting a temperature setting is also possible.

EASILY ADAPTABLE TO LARGE-SCALE, HIGH-FUNCTION, CENTRALISED REMOTE CONTROL SYSTEM

Central remote controller DCS302B61 (Option)	**Unified on/off controller DCS301B61 (Option)**	**Schedule timer DST301B61 (Option)**	**intelligent Touch Controller DCS601C51 (Option)**
			
Centralised control, with setting as simple as it is with a standard remote controller, of up to 64 groups (1,024 indoor units) is possible. Interface adaptor for SkyAir series DTA102A52 (Option)	Centralised control of on/off by group or all at once for up to 256 indoor units. Enables centralised control via connection to a high-speed, DIII-NET communication system, adopted for the Daikin VRV system. Necessary for interface adaptor for SkyAir series with the central remote control units shown at above.	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. Central control adaptor kit*2DTA107A55 (Option) (for FD series) *2.The central control adaptor kit for FDB series can be made to order.	With its high functionality, the full colour 'all-in-one' graphic controller facilitates management of Sky Air System in a variety of ways.

FUNCTION LINE UP

ABUNDANCE OF FUNCTIONS THAT PROVIDE COMFORTABLE AIR-CONDITIONING IN STORES AND OFFICES.

- **COMFORT**

SWITCHABLE FAN SPEED

High setting provides maximum reach while low setting minimises drafts.

PROGRAMME 'DRY'

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

HIGH FAN SPEED MODE

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

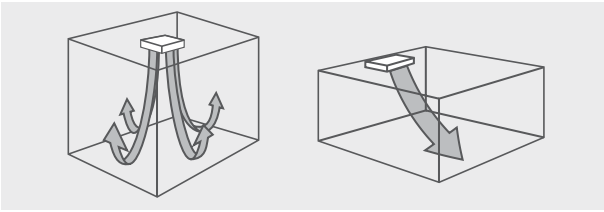
- Applicable for wall mounted type.

MOULD-RESISTANT TREATMENT FOR FILTER

Sanitary filter has mould-resistant treatment.

HIGH-CEILING APPLICATION

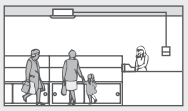
Delivers air-conditioning comfort all the way down to the floor in air-conditioning zones with high ceilings.



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.

DOUBLE PROTECTION DRAINAGE SYSTEM

Thermo-sensors are included in the indoor unit and optional wired remote controller. Temperature detection closer to target area is possible to further increase the comfort level.



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

Note: Wireless remote controllers have no thermo-sensor.

HOT START (AFTER DEFROST)

Uncomfortable cold air draft is not discharged when heating operation starts or when switching to heat after defrosting.

YEAR-ROUND COOLING APPLICABLE

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

- Heat Pump/RY71-140LU: possible up to -5°C
- Cooling Only/R71-140LU: possible up to -15°C (An option is required.)

TIMER SELECTOR

Operation starts when the preset time of the ON timer elapses and stops when the preset time of the OFF timer elapses.

MILDEW PREVENTION

MILDEW-PROOFING DRAIN PAN

Mildew proofing maintains hygiene by preventing growth in highly humid conditions.

OTHERS

TWIN / TRIPLE / DOUBLE TWIN MULTI OPERATION

Simultaneously operates 2-4 indoor units with a single outdoor unit.

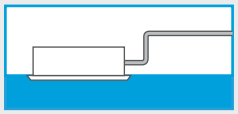
PE FIN

To achieve increased durability by improved resistance to salt corrosion and atmospheric pollution, coated PE fins (with special acryl pre-treatment) are used for the heat exchanger of the outdoor unit.

• WORK & SERVICING

DRAIN WATER LIFT-UP MECHANISM

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



LONG-LIFE FILTER

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

CEILING SOILING PREVENTION FUNCTION

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

• CONTROL FEATURES

AUTO-RESTART

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

AUTO COOL/HEAT CHANGE-OVER

(Heat Pump only)
Detects difference in preset temperature and actual room temperature and automatically switches to cooling or heating accordingly.

CONTROL BY TWO REMOTE CONTROLLERS

Using two 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.

INTERLOCK CONTROL

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

• OPTIONS

HIGH-EFFICIENCY FILTER UNIT

Two types are available: 65% and 90% colorimetry. Superior filtering ratio easily meets building maintenance laws.

ULTRA LONG-LIFE FILTER

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

*For dust concentration of 0.15mg/m^3

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 computer to ensure 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.

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.

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.

CENTRAL REMOTE CONTROL

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

FRESH-AIR INTAKE KIT

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

SPECIFICATIONS

CEILING SUSPENDED TYPE (Cooling Only)

INVERTER R-410A

Model Name				50	60	71	100	125	100	125
		Indoor unit		FHQ50BVV1G	FHQ60BVV1G	FHQ71BVV1B	FHQ100BVV1B	FHQ125BVV1B	FHQ100BVV1B	FHQ125BVV1B
		Outdoor unit		RZR50LVVM	RZR60LVVM	RZR71LVVM	RZR100LVVM	RZR125LVVM	RZR100LUY1	RZR125LUY1
Power supply				1 Phase, 220-240 V, 50 Hz					3 Phase, 380-415 V, 50 Hz	
Cooling capacity[1] Rated (Min. - Max.)			kW	5 (2.3-5.6)	6 (2.6-6.3)	7.1 (3.2-8.0)	10(5.0-11.2)	12.5 (5.7-14.0)	10 (5.0-11.2)	12.5 (5.7-14.0)
Power consumption		Cooling	kW	1.39	1.69	2.5	3.51	4.55	3.51	4.55
COP			W/W	3.6	3.56	2.84	2.85	2.75	2.85	2.75
Indoor unit	Colour			White						
	Airflow rate (H/L)		m^3/min	17/14			24/20	30/25	24/20	30/25
			cfm	600/494			847/706	1,059/883	847/706	1,059/883
	Sound level (H/L)[2]		dB(A)	39/35			42/37	44/39	42/37	44/39
	Dimensions (HX WX D)		mm	195X 1,160X680			195X 1,400X 680	195X 1,590X 680	195X 1,400X 680	195X 1,590X 680
	Machine weight		kg	27			32	35	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	2.03	2.6	2.1	2.6
	Refrigerant charge (R-410A)		kg	1.6 (Charged for 30 m)			3.35 (Charged for 30 m)	3.7 (Charged for 30 m)	2.7 (Charged for 30 m)	3.7 (Charged for 30 m)
	Sound level[2]	Cooling	dB(A)	48			49	50	49	50
		Night quiet mode	dB(A)	44			45			
	Dimensions (HX WX D)		mm	595X 845X300			990X 940X 320	1,170X 900X 320		
	Machine weight		kg	43			78	97	92	97
	Certified operation range		°CDB	21 to 46						
Piping connections	Liquid (Flare)		mm	/ 9.5						
	Gas (Flare)		mm	o/ 15.9						
	Drain	Indoor unit	mm	VP20 (I.Do/ 20XO.Do/ 26)						
		Outdoor unit	mm	o/ 26.0 (Hole)						
Max. interunit piping length			m	50 (Equivalent length 70)						
Max. installation level difference			m	30						
Heat insulation				Both liquid and gas piping						

Note :
1Rated 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).
2Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

CEILING SUSPENDED TYPE (Heat Pump)

INVERTER R-410A

Model Name				50	60	100	125	100	125
		Indoor unit		FHQ50BVV1G	FHQ60BVV1G	FHQ100BVV1B	FHQ125BVV1B	FHQ100BVV1B	FHQ125BVV1B
		Outdoor unit		RZQ50KBV4A	RZQ60KBV4A	RZQ100KCV4A	RZQ125KCV4A	RZQ100HAY4A	RZQ125HAY4A
Power supply				1 Phase, 240 V, 50 Hz				3 Phase, 415 V, 50 Hz	
Cooling capacity[1] Rated (Min. - Max.)			kW	5.0 (3.2-5.6)	5.8 (3.2-6.0)	9.2 (5.0-11.2)	11.2 (5.7-14.0)	9.2 (5.0-11.2)	11.2 (5.7-14.0)
Heating capacity[2] Rated (Min. - Max.)			kW	6.0 (3.5-7.0)	7.0 (3.5-8.0)	10.5 (5.1-12.8)	13.5 (6.0-16.2)	10.5 (5.1-12.8)	13.5 (6.0-16.2)
Power consumption		Cooling[1]	kW	1.39	1.63	2.93	3.70	2.85	3.55
		Heating[2]	kW	1.67	2.05	3.33	4.35	3.26	4.35
COP		Cooling	W/W	3.60	3.56	3.14	3.03	3.23	3.15
		Heating	W/W	3.60	3.42	3.15	3.10	3.22	3.10
Indoor unit	Colour			White					
	Fan	Airflow rate (H/L)	m^3/min	17/14		24/20	30/25	24/20	30/25
			cfm	600/494		847/706	1,059/883	847/706	1,059/883
	Sound level (H/L)[3]		dB(A)	39/35		42/37	44/39	42/37	44/39
	Dimensions (HX WX D)		mm	195X 1,160X 680		195X 1,400X 680	195X 1,590X 680	195X 1,400X 680	195X 1,590X 680
	Machine weight		kg	27		32	35	32	35
	Certified Operation range	Cooling	°CWB	14 to 25					
		Heating	°CDB	15 to 27					
Outdoor unit	Colour			Ivory white					
	Compressor	Type		Hermetically sealed swing type		Hermetically sealed scroll type			
		Motor output	kW	1.3	1.6	1.9	2.4	2.3	2.7
	Refrigerant charge (R-410A)		kg	2.75 (Charged for 30 m)		3.7 (Charged for 30 m)		4.3 (Charged for 30 m)	
	Sound level	Cooling/Heating[3]	dB(A)	48/50		49/51	50/52	49/51	50/52
		Night quiet mode	dB(A)	44		45			
	Dimensions (HX WX D)		mm	770X 900X 320		1,170X 900X 320		1,345X 900X 320	
	Machine weight		kg	68		98		108	
	Certified Operation range	Cooling	°CDB	-5 to 46					
		Heating	°CWB	-15 to 15.5					
Piping connections	Liquid (Flare)		mm	/ 9.5					
	Gas (Flare)		mm	o/ 15.9					
	Drain	Indoor unit	mm	VP20 (External Dia, 26/Internal Dia. 20)					
		Outdoor unit	mm	o/ 26.0 (Hole)					
Max. interunit piping length			m	30				75 (equivalent length 90)	
Max. installation level difference			m	30					
Heat insulation				Both liquid and gas piping					

Note :
1Rated 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).
2Rated heating capacities are based on the following conditions: Indoor temp., 20°CDB, outdoor temp., 7°CDB, 6°CWB. Equiv. refrigeration piping, 7.5 m (horizontal)
3Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

CEILING MOUNTED SLIM DUCT TYPE (Heat Pump)

INVERTER R-410A

Model Name					25	35	50	60
	Indoor unit				FDXS25CVMA	FDXS35CVMA	FDXS50CVMA	FDXS60CVMA
	Outdoor unit				RXS25EBVMA	RXS35EBVMA	RXS50FVMA	RXS60FVMA
Power supply					1 Phase, 220-240 V, 50 Hz			
Cooling capacity[1] Rated (Min. - Max.)				kW	2.4 (1.2-3.0)	3.4 (1.2-3.8)	5 (1.7-5.3)	6 (1.7-6.5)
Heating capacity[2] Rated (Min. - Max.)				kW	3.2 (1.2-4.5)	4 (1.2-5.0)	5.8 (1.7-6.0)	7 (1.7-8.0)
Power consumption	Cooling[1]			kW	0.69 (0.3-0.92)	1.09 (0.3-1.27)	1.65 (0.44-1.93)	2.13 (0.44-2.49)
	Heating [2]			kW	0.91 (0.29-1.49)	1.18 (0.29-1.79)	1.92 (0.4-2.04)	2.32 (0.4-3.18)
Indoor unit	Airflow rate (H/L)			l/s	158/133	167/142	200/167	266/225
				m^3/min	9.5/8	10/8.5	12-Oct	16/13.5
	Fan	External static pressure		Pa(mm-H2O)	40			
	Sound level (H/L)[3]			dB(A)	35/31		37/33	38/34
	Dimensions (HXWXD)			mm	200X900X620			200X1,100X620
	Machine weight			kg	25		27	30
	Certified Cooling			CWB	14 to 28			
	Operation range Heating			CDB	10 to 30			
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			dB(A)	46/47	47/48		49/49
		Sound power	Cooling/ Heating[3]	dB(A)	61/62	62/63	61/62	63/63
	Dimensions (HXWXD)			mm	550X765X285		735X825X300	735X825X300
	Machine weight			kg	34		48	
	Certified			CDB	10 to 46			
	Operation range			CWB	-10 to 20		-15 to 18	
	Liquid (Flare)			mm	Ø6.4			
Piping connections	Gas (Flare)			mm	Ø9.5		Ø12.7	
	Drain		Indoor unit	mm	VP20 (I.DØ20XO.DØ26)			
			Outdoor unit	mm	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: 1 Rated cooling capacities are based on the following conditions: Suction temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB. Equiv. refrigeration piping: 7.5 m (horizontal).
2 Rated heating capacities are based on the following conditions: Suction temp., 20°CDB; outdoor temp. 7°CDB, 6°CWB. Equiv. refrigeration piping: 5 m (horizontal).
3 Anaechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.
4 Numerical values are according to ISO 3741:1999

FLOOR STANDING TYPE (Cooling Only)

INVERTER R-410A

Mode Name	Indoor unit				71	100	125	140	100	125	140
	Outdoor unit				RZR71LVVM	RZR100LVVM	RZR125LVVM	RZR140LVVM	RZR100LUY1	RZR125LUY1	RZR140LUY1
Power supply					1 Phase, 220- 240 V, 50 Hz				3 Phase, 380-415 V, 50 Hz		
Cooling capacity[1] Rated (Min. - Max.)				kW	7.1 (3.2-8.0)	10 (5.0-11.2)	12.5 (5.7-14.0)	13.5 (6.2-15.4)	10 (5.0-11.2)	12.5 (5.7-14.0)	13.5 (6.2-15.4)
Power consumption			Cooling	kW	2.58	3.28	4.39	5.4	3.28	4.39	5.4
Indoor unit	Colour				Fresh white						
	Fan	Air ow rate (H/M/L)	Cooling	m^3/min	18/16/14	28/25/22	28/26/24	30/28/26	28/25/22	28/26/24	30/28/26
				cfm	635/565/494	988/883/777	988/918/847	1,059/988/918	988/883/777	988/918/847	1,059/988/918
	Sound level[2]	Cooling (H/M/L)		dB(A)	43/41/38	50/47/44	51/48/46	53/51/48	50/47/44	51/48/46	53/51/48
	Dimensions (HXWXD)			mm	1,850x600x270	1,850x600x350					
	Machine weight			kg	39	47					
	Certified Operation range Cooling			°CWB	14 to 25						
Outdoor unit	Colour				Ivory white						
	Compressor	Type		kW		Hermetically sealed swing type			Hermetically sealed scroll type		
		Motor output			1.76	2.3	2.8	3.4	2.3	2.8	3.4
	Refrigerant charge (R-410A)			kg	1.6 (Charged for 30 m)	3.35 (Charged for 30 m)	3.7 (Charged for 30 m)		2.7 (Charged for 30 m)	3.7 (Charged for 30 m)	
	Sound level[2]	Cooling		dB(A)	48	49	50		49		50
		Night quiet mode		dB(A)	44	45		46	45		46
	Dimensions (HXWXD)			mm	595x845x300	990x940x320	1,170x900x320				
	Machine weight			kg	43	78	97		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	I.DØ20 XO.DØ26						
		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: [1] Rated cooling capacities are based on the following conditions: Suction temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CDB. Equiv. refrigeration piping: 7.5 m (horizontal).
[2] Anaechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

FLOOR STANDING TYPE (Heat Pump)

INVERTER R-410A

Mode Name	Indoor unit				71	100	125	140	100	125	140
	Outdoor unit				RZQ71KCV4A	RZQ100KCV4A	RZQ125KCV4A	RZQ140KCV4A	RZQ100HAY4A	RZQ125HAY4A	RZQ140HAY4A
Power supply					1Phase, 240V, 50Hz				3 Phase, 415V,50Hz		
Cooling capacity[1] Rated (Min. - Max.)				kW	7.1 (3.2-8.0)	10 (5.0-11.2)	12.5 (5.7-14.0)	13.5 (6.2-15.4)	10 (5.0-11.2)	12.5 (5.7-14.0)	13.5 (6.2-15.4)
Heating capacity2 Rated (Min. - Max.)				kW	8 (3.5-9.0)	11.2 (5.1-12.8)	14 (6.0-16.2)	16 (6.2-18.0)	11.2 (5.1-12.8)	14 (6.0-16.2)	16 (6.2-18.0)
Power consumption		Cooling[1]		kW	2.33	3.28	4.39	5.4	3.28	4.39	5.4
		Heating[2]		kW	2.61	3.67	4.26	5.28	3.67	4.26	5.28
Indoor unit	Colour										
	Fan	Air ow rate (H/M/L)		m^3/min	18/16/14	28/25/22	28/26/24	30/28/26	28/25/22	28/26/24	30/28/26
				cfm	635/565/494	988/883/777	988/918/847	1,059/988/918	988/883/777	988/918/847	1,059/988/918
	Sound level (H/M/L)3			dB(A)	43/41/38	50/47/44	51/48/46	53/51/48	50/47/44	51/48/46	53/51/48
	Dimensions (HxWxD)			mm	1,850x600x270	1,850x600x350					
	Machine weight			kg	39	47					
	Certified Operation range	Cooling		°CWB	14 to 25						
		Heating		°CDB	15 to 27						
Outdoor unit	Colour				Ivory white						
	Compressor	Type			Hermetically sealed swing type	Hermetically sealed scroll type					
		Motor output		kW	1.7	1.9	2.4	3.1	1.7	2.2	2.9
	Refrigerant charge (R-410A)			kg	2.75 (Charged for 30 m)	3.7 (Charged for 30 m)			4.3 (Charged for 30 m)		
	Sound level[2]	Cooling/ Heating[3]		dB(A)	48/50	49/51	50/52		49/51	50/52	
		Night quiet mode		dB(A)	44	45 46			45		46
	Dimensions (HxWxD)			mm	770x900x320	1,170x900x320			1,345x900x320		
	Machine weight			kg	68	98			108		
	Certified Operation range	Cooling		°CDB	-5 to 46						
		Heating		°CWB	-15 to 15.5						
Piping connections	Liquid (Flare)			mm	Ø9.5						
	Gas (Flare)			mm	Ø15.9						
	Drain	Indoor unit		mm	I.DØ20xO.DØ26						
		Outdoor unit		mm	Ø26.0 (Hole)						
Max. interunit piping length				m	50 (Equivalent length 70)	75 (Equivalent length 90					
Max. installation level difference				m	30						
Heat insulation					Both liquid and gas piping						

Note: 1 Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB. Equiv. refrigeration piping: 7.5 m (horizontal).
2 Rated heating capacities are based on the following conditions: Indoor temp., 20°CDB, outdoor temp. 7°CDB, 6°CWB. Equiv. refrigeration piping: 7.5 m (horizontal).
3 Anaechoic 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 (Cooling Only)

INVERTER R-410A

Mode Name					50	60	71	100	125	140	100	125	140
	Indoor unit				FBQ50DV1	FBQ60DV1	FBQ71DV1	FBQ100DV1	FBQ125DV1	FBQ140DV1	FBQ100DV1	FBQ125DV1	FBQ140DV1
	Outdoor unit				RZR50LVVM	RZR60LVVM	RZR71LVVM	RZR100LVVM	RZR125LVVM	RZR140LVVM	RZR100LUY1	RZR125LUY1	RZR140LUY1
Power supply					1 Phase, 220-240 V, 50 Hz						Outdoor unit : 3 Phase, 380-415 V, 50 Hz		
Cooling capacity[1] Rated (Min. - Max.)				kW	5 (2.3-5.6)	6 (2.6-6.3)	7.1 (3.2-8.0)	10 (5.0-11.2)	12.5 (5.7-14.0)	14 (6.2-15.4)	10 (5.0-11.2)	12.5 (5.7-14.0)	14 (6.2-15.4)
Power consumption			Cooling	kW	1.39	1.69	2.22	2.82	3.73	4.71	2.82	3.73	4.71
Indoor unit	Colour												
	Fan	Airflow rate (H/L)	Cooling	m^3/min	18/15			32/23	39/28		32/23	39/28	
				cfm	635/530			1,130/812	1,377/988		1,130/812	1,377/988	
	External static pressure[2]			Pa	50-200								
	Sound level[3]		Cooling (H/L)	dB(A)	37/32			38/33	40/36		38/33	40/36	
	Dimensions (HxWxD)			mm	300x1,000x700			300x1,400x700					
	Machine weight			kg	36			46					
	Certified Operation range		Cooling	°CWB	14 to 25								
Outdoor unit	Colour				Ivory white								
	Com-pressor	Type		kW	Hermetically sealed swing type				Hermetically sealed scroll type				
		Motor output			1.12	1.35	1.76	2.03	2.4	2.9	1.8	2.4	2.9
	Refrigerant charge (R-410A)			kg	1.6 (Charged for 30 m)			3.35 (Charged for 30 m)	3.7 (Charged for 30 m)		2.7 (Charged for 30 m)	3.7 (Charged for 30 m)	
	Sound level[3]	Cooling		dB(A)	48			49	50		49	50	
		Night quiet mode		dB(A)	44			45		46	45		46
	Dimensions (HxWxD)			mm	595X845X300			990X940X320	990X940X320		1,170X900X320		
	Machine weight			kg	43			78	97		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	I.DØ25xO.DØ32								
		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: 1 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).
2 Initial setting is standard.
3 Anaechoic 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 (Heat Pump)

INVERTER R-410A

Model Name					71	100	125	140	100	125	140
	Indoor unit				FBQ71DV1	FBQ100DV1	FBQ125DV1	FBQ140DV1	FBQ100DV1	FBQ125DV1	FBQ140DV1
	Outdoor unit				RZQ71KCV4A	RZQ100KCV4A	RZQ125KCV4A	RZQ140KCV4A	RZQ100HAY4A	RZQ125HAY4A	RZQ140HAY4A
Power supply					Indoor unit : 1 Phase, 220-240 V, 50 Hz Outdoor unit : 1 Phase, 240 V, 50 Hz				Indoor unit : 1 Phase, 220-240 V, 50 Hz Outdoor unit : 3 Phase, 415 V, 50 Hz		
Cooling capacity[1] Rated (Min. - Max.)				kW	7.1 (3.2-8.0)	10.0 (5.0-11.2)	12.5 (5.7-14.0)	13.1 (6.2-15.4)	10.0 (5.0-11.2)	12.5 (5.7-14.0)	13.1 (6.2-15.4)
Heating capacity[2] Rated (Min. - Max.)				kW	8.0 (3.5-9.0)	11.2 (5.1-12.8)	14.0 (6.0-16.2)	16.0 (6.2-18.0)	11.2 (5.1-12.8)	14.0 (6.0-16.2)	16.0 (6.2-18.0)
Power consumption		Cooling[1]		kW	2.22	3.17	3.97	4.16	3.17	3.97	4.16
		Heating[2]		kW	2.43	3.15	3.95	4.68	3.15	3.95	4.68
COP		Cooling		W/W	3.20	3.15					
		Heating		W/W	3.29	3.56	3.54	3.42	3.56	3.54	3.42
Indoor unit	Colour				–						
	Fan	Airflow rate (H/L)		m^3/min	18/15	32/23	39/28		32/23	39/28	
				cfm	635/530	1,130/812	1,377/988		1,130/812	1,377/988	
	External static pressure[3] (Middle-High)			Pa	50-200						
	Sound level (H/L)4			dB(A)	35/28	43/32	44/34	44/36	43/32	44/34	44/36
	Dimensions (HX WX D)			mm	300X 1,000X 700	300X 1,400X 700					
	Machine weight			kg	36	46					
	Certified Operation range	Cooling		°CWB	14 to 25						
		Heating		°CDB	15 to 27						
Outdoor unit	Colour				Ivory white						
	Compressor	Type			Hermetically sealed swing type	Hermetically sealed scroll type					
		Motor output		kW	1.7	1.9	2.4	2.9	1.9	2.4	2.9
	Refrigerant charge (R-410A)			kg	2.75 (Charged for 30 m)	3.7 (Charged for 30 m)			4.3 (Charged for 30 m)		
	Sound level	Cooling/ Heating [4]		dB(A)	48/50	49/51	50/52		49/51	50/52	
		Night quiet mode		dB(A)	44	45		46	45		46
	Dimensions (HX WX D)			mm	770X 900X 320	1,170X 900X 320			1,345X 900X 320		
	Machine weight			kg	68	98			108		
	Certified Operation range	Cooling		°CDB	-5 to 46						
		Heating		°CWB	-15 to 15.5						
Piping connections	Liquid (Flare)			mm	Ø9.5						
	Gas (Flare)			mm	Ø15.9						
	Drain	Indoor unit		mm	I.DØ25X O.DØ32						
		Outdoor unit		mm	Ø26.0 (Hole)						
Max. interunit piping length				m	50 (Equivalent length 70)	75 (Equivalent length 90)					
Max. installation level difference				m	30						
Heat insulation					Both liquid and gas piping						

Note :
1Rated 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).
2Rated heating capacities are based on the following conditions: Indoor temp., 20°CDB, outdoor temp., 7°CDB, 6°CWB. Equiv. refrigeration piping, 7.5 m (horizontal)
3Initial setting is standard.
4Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

WALL MOUNTED TYPE (Cooling Only)

INVERTER R-410A

Model Name				71	100	125
	Indoor unit			FAQ71CVEA	FAQ100CVEA	FAQ100CVEA
	Outdoor unit			RZR71LVVM	RZR100LVVM	RZR100LUY1
Power supply				1 Phase, 220-240V, 50 Hz		3 Phase, 380-415V, 50 Hz
Cooling capacity (Rated) (Min. - Max.)			kW	7.1 (3.2-8.0)	10.0 (5.0-11.2)	10.0 (5.0-11.2)
Power consumption		Cooling (Rated)	kW	2.19	3.37	4.2
Indoor unit	Colour			Fresh White		
	Airflow rate (H/M/L)		cfm	635/565/494	918/812/671	
	Sound level (H/M/L)*3		dB(A)	45/42/40	49/45/41	
	Dimensions (HxWxD)		mm	290x1,050x238	340x1,200x240	
	Machine weight Unit		kg	13	17	
Out-door unit	Colour			Ivory white		
	Compressor	Type		Hermetically sealed swing type		Hermetically sealed scroll type
	Motor output		kW	1.76	2.03	2.1
	Refrigerant charge (R-410A)		kg	1.6 (Charged for 30m)	3.35 (Charged for 30m)	2.7 (Charged for 30m)
	Sound level	Cooling	dB(A)	48	49	
	Dimensions (HxWxD)		mm	595×845×300	990×940×320	1,170×900×320
	Machine weight		kg	56	103	92
	Certified Operation range		°CWB	21 to 46		
Piping connec-tions	Liquid (Flare)		mm	Ø9.5		
	Gas (Flare)		mm	Ø15.9		
	Drain		mm	Ø26.0 (Hole)		
Max. interunit piping length			m	50 (Equivalent length 70)		
Max. installation level difference			m	30		

Note: 1. Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB. Equiv. refrigeration piping: 7.5 m (horizontal).
2. Anaechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

WALL MOUNTED TYPE (Heat Pump)

INVERTER R-410A

Model Name				71	100	125
	Indoor unit			FAQ71CVEA	FAQ100CVEA	FAQ100CVEA
	Outdoor unit			RZQ71KCV4A	RZQ100KCV4A	RZQ100HAY4A
Power supply				1 Phase, 220-240V, 50 Hz		3 Phase, 380-415V, 50 Hz
Capacity (Rated)Min-Max		Cooling	kW	7.1 (3.2-8.0)	10.0 (5.0-11.2)	10.0 (5.0-11.2)
		Heating	kW	8.0 (3.5-9.0)	11.2 (5.1-12.8)	11.2 (5.1-12.8)
Power consumption		Cooling	kW	2.2	3.19	3.19
		Heating	kW	2.33	3.45	3.44
Indoor unit	Colour			Fresh White		
	Airflow rate (H/M/L)		cfm	635/565/494	918/812/671	
	Sound level (H/M/L)*3		dB(A)	45/42/40	49/45/41	
	Dimensions (HxWxD)		mm	290x1,050x238	340x1,200x240	
	Machine weight		kg	13	17	
Outdoor unit	Colour			Ivory white		
	Compressor	Type		Hermetically sealed swing type	Hermetically sealed scroll type	
	Motor output		kW	1.7	1.9	2.1
	Refrigerant charge (R-410A)		kg	2.75 (Charged for 30m)	3.7 (Charged for 30m)	4.3 (Charged for 30m))
	Sound level	Cooling	dB(A)	48	49	
		Heating	dB(A)	50	51	
	Dimensions (HxWxD)		mm	770x900x320	1,170x900x320	1,345x900x320
	Machine weight		kg	68	98	108
	Certified Operation range	Cooling	°CWB	-5 to 46		
		Heating	°CWB	15 to 15		
	Liquid (Flare)		mm	Ø9.5		
Piping connec-tions	Gas (Flare)		mm	Ø15.9		
	Drain		mm	Ø26.0 (Hole)		
Max. interunit piping length			m	50 (Equivalent length 70)	75 (Equivalent length 90m)	
Max. installation level difference			m	30		

Note: 1. Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB. Equiv. refrigeration piping: 7.5 m (horizontal). 2. Rated heating capacities are based on the following conditions: Indoor temp., 20°CDB, outdoor temp. 7°CDB, 6°CWB. Equiv. refrigeration piping: 7.5 m (horizontal). 3. Anaechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

WALL MOUNTED TYPE (Cooling Only)

R-410A

Model Name				80
		Indoor unit		FTN80JXV16
		Outdoor unit		RR71CGXY1A6
Rated Cooling Capacity			Btu/h	28000
			kW	8.21
COP			W/W	2.93
Indoor unit	Power Supply		V/Ph/Hz	220-240/1/50
	Air Flow		cfm	950/931/760/661/569
	Sound Pressure Level		dBA	52/51/46/42/39
	Height		mm	310
	Width		mm	1289
	Depth		mm	240
	Net Weight		kg	16
Outdoor unit	Power Supply		V/Ph/Hz	380-415/3/50
	Sound Pressure Level		dBA	56
	Height		mm	753
	Width		mm	855
	Depth		mm	328
	Net Weight		kg	56
	Pipe Connection - Liquid		mm	9.52
	Pipe Connection - Gas		mm	15.88
	Max. Allowable Length		m	45
	Max. Allowable Elevation		m	25

Note: Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19°CWB; outdoor temp. 35°CDB. All unit are being tested and comply to ISO 5151 (Non-ducted unit)

FLOOR STANDING (Cooling Only)

R-410A

Model Name					INDOOR	FVRN71AXV16B	FVRN100AXV16	FVRN125AXV16	FVRN140AXV16
					OUTDOOR	RR71CGXV16B	RR100DGXY16	RR125DGXY16	RR140DGXY16
Rated Cooling Capacity					Tonnage	2.4	3.3	3.8	4.6
					Btu/hr	28500	40000	45000	55000
					kw	8.35	11.72	13.19	16.12
Rated Total Input Power (Cooling)					w	2750	4050	4750	5490
Rated Running Current (Cooling)					A	13	7.07	8.29	9.35
EER					W/W	3.04	2.89	2.82	2.94
BEE Star Level						2	Labelling Not Applicable for 3-ph units		
Power Source					V/Ph/Hz	220-240/1/50	380-415 / 3 / 50		
Refrigerant Control (Expansion Device)						Outdoor Capillary Tube			
Refrigerant Type						R410A			
Indoor Unit	Air Flow	High	CFM			1035	1035	1035	1170
		Medium				945	945	935	1085
		Low				845	845	835	985
		Quiet				-	-	-	-
	Sound Pressure Level	High	dBA			49	49	50	54
		Medium				47	47	48	53
		Low				44	44	46	51
		Quiet				-	-	-	-
	Unit Dimension [Panel]	Height	mm			1850	1850	1850	1850
		Width	mm			600	600	600	600
		Depth	mm			350	350	350	350
	Unit Weight [Panel]		kg			45	45	48	51
Outdoor Unit	Unit Dimension		mm	Height		753	852	852	852
			mm	Width		855	1030	1030	1030
			mm	Depth		328	400	400	400
	Unit Weight			kg		60	95	98	105
	Pipe Connection		Type			Flare Valve			
			Liquid	mm		9.52			
			Gas	mm		15.88			19.05
Max Piping Length				m		45			
Max Piping Elevation				m		25			

Note: Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19°CWB; outdoor temp. 35°CDB.
All unit are being tested and comply to ISO 5151 (Non-ducted unit)

FLOOR STANDING (Heat Pump)

R-410A

Model Name			71	100	125	140
	Indoor unit		FVQN71AXV1	FVQN100AXV1	FVQN125AXV1	FVQN140AXV1
	Outdoor unit		RQ71CGXV1	RQ100DGXY1	RQ125DGXY1	RQ140DGXY1
Rated Cooling Capacity		Btu/h	28000	40000	45000	55000
		kW	8.21	11.72	13.19	16.12
Rated EER		W/W	2.89		2.82	2.94
		Btu/h	27500	42000	46000	54500
Rated Heating Capacity		kW	8.06	12.31	13.48	16
Rated COP		W/W	3.2	3.14	3.02	3.01
Indoor unit	Power Supply	V/Ph/Hz	220-240/1/50			
	Air Flow	cfm	675/625/530	1035/945/845		1170/1085/985
	Sound Pressure Level	dBA	44/42/39	49/47/44	50/48/46	54/53/51
	Height	mm	1850			
	Width	mm	600			
	Depth	mm	270	350		
	Net Weight	kg	42	45	48	51
Outdoor unit	Power Supply	V/Ph/Hz	220-240/1/50	380-415/3/50		
	Sound Pressure Level	dBA	58		60	65
	Height	mm	753		852	
	Width	mm	855		1030	
	Depth	mm	328		400	
	Net Weight	kg	57	95	98	105
	Pipe Connection - Liquid	mm	9.52			
	Pipe Connection - Gas	mm	15.88			19.05
Max. Allowable Length		m	45			40
Max. Allowable Elevation		m	25			20

Note: Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19°CWB; outdoor temp. 35°CDB.
Rated heating capacities are based on the following conditions: Indoor temp., 20°CDB; outdoor temp., 7°CDB, 6°CWB.
All unit are being tested and comply to ISO 5151 (Non-ducted unit)

CEILING CONCEALED TYPE (Cooling Only)

R-410A

Model Name			25	35	50	60	71	90	100	125	140
	Indoor unit		FDM-RN25CXV16	FDM-RN35CXV16	FDM-RN50CXV16	FDM-RN60CXV16	FDM-RN71CXV16	FDM-RN90CXV16	FDM-RN100CXV16	FDM-RN125CXV16	FDM-RN140CXV16
	Outdoor unit		RN25FGXV16	RN35FGXV16	RN50CGXV16	RN60C-GXV16	RR71CGXV16	RR90DGXY16	RR100DGXY16	RR125DGXY16	RR140DGXY16
Rated Cooling Capacity		Btu/h	9000	12000	18000	21000	26000	33000	39000	45000	55000
		kW	2.37	3.52	5.28	6.16	7.62	9.67	11.43	13.19	16.12
Rated EER		W/W	2.72	2.46	2.82	2.86	2.63	3.03	2.82	2.87	3.01
Indoor unit	External Static Pressure (SH/H/M/L)	Pa	29/20/10	29/20/10	29/20/10	29/20/10	98/78/68/59	118/96/78/61	118/96/78/61	147/126/109/92	147/120/90/69
	Air Flow (SH/H/M/L)	cfm	250/235/210	410/370/250	570/558/480	690/660/535	850/810/770/710	1280/1160/1050/920	1280/1160/1050/920	1430/1320/1230/1130	1720/1550/1340/1170
	Sound Pressure Level (SH/H/M/L)	dBA	33/30/26	37/34/29	38/36/34	40/39/36	44/41/38/34	52/49/47/45	52/49/47/45	54/53/52/51	54/52/50/46
	Height	mm	261	261	261	261	285	315	315	378	378
	Width	mm	765	905	1065	1200	932	1257	1257	1299	1499
	Depth	mm	411	411	411	411	600	638	638	541	541
	Net Weight	kg	18	22	24	26	40	49	49	50	56
Outdoor unit	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
	Sound Pressure Level	dBA	46	49	52	52	58	58	58	60	65
	Height	mm	550	550	651	753	753	852	852	852	852
	Width	mm	658	658	855	855	855	1030	1030	1030	1030
	Depth	mm	273	273	328	328	328	400	400	400	400
	Net Weight	kg	28	29	47	50	57	86	95	98	105
	Pipe Connection - Liquid	mm	6.35	6.35	6.35	6.35	9.52	9.52	9.52	9.52	9.52
	Pipe Connection - Gas	mm	9.52	12.7	12.7	15.88	15.88	15.88	15.88	15.88	19.05
Max. Allowable Length		m	15	12	15	15	15	45	45	45	35
Max. Allowable Elevation		m	10	5	8	8	8	25	25	25	15

Note: Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19°CWB; outdoor temp. 35°CDB.
All unit are being tested and comply to ISO 5151 (Non-ducted unit)

CEILING CONCEALED TYPE (Heat Pump)

R-410A

Model Name			25	35	50	60	71	90	100	125	140
		Indoor unit	FD-MQN25CXV16	FD-MQN35CXV16	FD-MQN50CXV16	FD-MQN60CXV16	FD-MQN71CXV16	FD-MQN90CXV16	FD-MQN100CXV16	FD-MQN125CXV16	FD-MQN140CXV16
		Outdoor unit	RYN25CGXV16	RYN35CGXV16	RYN50CGXV16	RYN60CGXV16	RQ71CGXV16	RQ90DGXY16	RQ100DGXY16	RQ125DGXY16	RQ140DGXY16
Rated Cooling Capacity		Btu/h	9500	12500	18000	21000	26000	33000	39000	45000	55000
		kW	2.78	3.66	5.28	6.16	7.62	9.67	11.43	13.19	16.12
Rated EER		W/W	2.96	2.91	3.13	3.15	2.73	3.03	2.82	2.87	3.01
		Btu/h	9500	12000	18500	22000	26000	36000	41000	47000	55000
Rated Heating Capacity		kW	2.78	3.52	5.42	6.45	7.62	10.55	12.02	13.77	16.12
Rated COP		W/W	3.52	3.18	3.55	3.39	3.27	3.64	3.25	3.41	3.41
Indoor unit	External Static Pressure (SH/H/M/L)	Pa	29/20/10	29/20/10	29/20/10	29/20/10	98/78/68/59	118/96/78/61	118/96/78/61	147/126/109/92	147/120/90/69
	Air Flow (SH/H/M/L)	cfm	250/235/210	410/370/250	570/558/480	690/660/535	850/810/770/710	1280/1160/1050/920	1280/1160/1050/920	1430/1320/1230/1130	1720/1550/1340/1170
	Sound Pressure Level (SH/H/M/L)	dBA	33/30/26	37/34/29	38/36/34	40/39/36	44/41/38/34	52/49/47/45	52/49/47/45	54/53/52/51	54/52/50/46
	Height	mm	261	261	261	261	285	315	315	378	378
	Width	mm	765	905	1065	1200	932	1257	1257	1299	1499
	Depth	mm	411	411	411	411	600	638	638	541	541
	Net Weight	kg	18	22	24	26	40	49	49	50	56
Outdoor unit	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
	Sound Pressure Level	dBA	46	49	52	52	58	58	58	60	65
	Height	mm	540	540	651	753	753	852	852	852	852
	Width	mm	700	700	855	855	855	1030	1030	1030	1030
	Depth	mm	250	250	328	328	328	400	400	400	400
	Net Weight	kg	28	30	47	50	57	86	95	98	105
	Pipe Connection - Liquid	mm	6.35	6.35	6.35	6.35	9.52	9.52	9.52	9.52	9.52
	Pipe Connection - Gas	mm	9.52	12.7	12.7	15.88	15.88	15.88	15.88	15.88	19.05
Max. Allowable Length		m	12	12	15	15	15	45	45	45	35
Max. Allowable Elevation		m	5	5	8	8	8	25	25	25	15

Note: Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19°CWB; outdoor temp. 35°CDB.
Rated heating capacities are based on the following conditions: Indoor temp., 20°CDB; outdoor temp., 7°CDB, 6°CWB.
All unit are being tested and comply to ISO 5151 (Non-ducted unit)

CEILING CONCEALED TYPE (Cooling Only)

R-32

Model Name				FDBF12ARV16	FDBF18ARV16	FDBF24ARV16	FDMF30ARV16	FDMF36ARV16	FDMF42ARV16	FDMF48ARV16	FDMF54ARV16
		Indoor Unit		FDBF12ARV16	FDBF18ARV16	FDBF24ARV16	FDMF30ARV16	FDMF36ARV16	FDMF42ARV16	FDMF48ARV16	FDMF54ARV16
		Outdoor Unit		RGF12ARV16	RGF18ARV16	RGF24ARV16	RGF30ARV16	RGF36ARV16	RGF42ARY16	RGF48ARY16	RGF54ARY16
Rated Capacity		Btu/H		12000	18000	24000	30019	36023	42027	48032	54035
		W		3516	5274	7032	8790	10548	12306	14064	15822
Rated Total Input Power		W		1212	1819	2425	2750	3330	3850	4530	5456
Power Source		V/Ph/Hz		230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	240/1/50	240/1/50	240/1/50
Refrigerant Type				R-32							
Indoor Unit	Control	Operation		Wired Control							
	Airflow(H/M/L)	CFM		400/350/300	600/390/330	800/650/600	1000/910/815	1200/1070/950	1400/1265/1135	1500/1360/1190	1700/1585/1440
	External Static Pressure	Pa		20	20	20	20	30	40	50	50
	Sound Pressure Level	dBA		38	41	43	42	46	47	49	50
	Unit Dimension (HxWxD)	mm		250x880x600	250x880x600	250x1130x600	295x1430x665	295x1430x665	295x1430x665	295x1730x665	295x1730x665
	Packing Dimension (HxWxD)	mm		266x1080x648	266x1080x648	266x1330x648	340x1645x725	340x1645x725	340x1645x725	435x1950x725	435x1950x725
	Unit Weight	Kg		36	37	46	50	56	56	70	70
	Condensate Drain Size	mm		32	32	32	32	32	32	32	32
Outdoor Unit	Unit Dimension (HxWxD)	mm		550x765x285	595x845x300	595x845x300	990x940x320	990x940x320	990x940x320	990x940x320	990x940x320
	Packing Dimension (HxWxD)	mm		642x932x380	680x1035x410	680x1035x410	1160x1050x420	1160x1050x420	1160x1050x420	1160x1050x420	1160x1050x420
	Unit Weight	Kg		30	36	45	66	68	74	74	86
	Pipe Connection	Type		Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare
		Liquid	mm	6.4	6.4	6.4	9.52	9.52	9.52	9.52	9.52
		Gas	mm	12.7	12.7	15.9	15.9	15.9	15.9	15.9	19.05

Note: Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19°CWB; outdoor temp. 35°CDB.
All unit are being tested and comply to ISO 5151 (Non-ducted unit)

CEILING SUSPENDED TYPE

INVERTER R-410A

Name of option	Remark		Kit name				
			FHQ50BVV1G	FHQ60BVV1G	FHQ71BVV1B	FHQ100BVV1B	FHQ125BVV1B
Replacement long-life filter	Resin net		KAF501DA80			KAF501DA112	KAF501DA160
Drain-up kit			KDU50N125VE				
L-type piping kit (for upward direction)			KHFP5MA160				
Remote controller	Wireless type	Cooling only	BRC7EA66				
		Heat pump	BRC7EA63W				
	Wired type[1]		BRC1C61				
Wired LCD remote controller with weekly schedule timer[1]			BRC1D61				
Navigation Remote Controller	Wired type[1]		BRC1E61				
Central remote controller[2]			DCS302CA61				
Unified ON/OFF controller[2]			DCS301BA61				
Schedule timer[2]			DST301BA61				
Touch Controller[2]			DCS601C51				
Adaptor for wiring			KRP1BA54				
Wiring adaptor for electrical appendices[3]			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: 1Wiring for wired remote controller to be procured locally.
2This optional accessory requires DTA112BA51.
3Installation box for adaptor PCB (KRP1CA93) is necessary.

CEILING MOUNTED SLIM DUCT TYPE

INVERTER R-410A

		Kit name			
		Heat Pump			
		FDXS25CVMA	FDXS35CVMA	FDXS50CVMA	FDXS60CVMA
Wired remote controller[1]		BRC944B2			
Wired remote controller code	Length [3] m (shielded wire)	BRCW901A03			
	Length [8] m (shielded wire)	BRCW901A08			
5-room centralised controller[2]		KRC72			
Adaptor PCB (normal open/normal open pulse contact)[3]		KRP413A1S			
The remote controller loss prevention with the chain		KKF917A4			
Interface adaptor for DIII-NET use		KRP928B2S			
Central remote controller[4]		DCS302CA61			
Uni ed ON/OFF controller[4]		DCS301BA61			
Schedule timer[4]		DST301BA61			
Intelligent Touch Controller[4]		DCS601C51			
Suction grille		KDGF19A45			
Insulation kit for high humidity		KDT25N50			KDT25N63

Note: [1]3 m (BRCW901A03) or 8 m (BRCW901A08) length wired remote controller cord is necessary . [2]Adaptor PCB is also required for each indoor unit.
[3]Time clock and other devices ; obtained locally.
[4]This optional accessory requires KRP928B2S

WALL MOUNTED TYPE

INVERTER R-410A

Name of Option	Remark		Kit Name	
			FAQ71CVEA	FAQ100CVEA
Drain-Pump kit			K-KDU572EVE	
Remote controller	Wired type *1		BRC1C61	
	Wireless type	Heat pump	BRC7EB518	
Wired remote controller with weekly schedule timer *1			BRC1D61	
Navigation remote Controller	Wired type *1		BRC1E62	
Remote sensor			KRCS01-4B	
Central remote controller *2			DCS302CA61	
Uni ed ON/OFF controller *2			DCS301BA61	
Schedule timer *2			DST301BA61	
intelligent Touch Controller *2			DCS601C51	
Wiring adaptor for electrical appendices (2) *3			KRP4AA51	
Installation box for printed circuit board adaptor			KRP4AA93	
Electrical box with earth terminal (3 blocks)			KJB311AA	
Electrical box with earth terminal (2 blocks)			KJB212AA	
Noise lter (for electromagnetic interface use only)			KEK26-1A	

Note: *1. Wiring for wired remote controller to be procured locally.
*2. The indoor unit is equipped standardly with the function of the interface adaptor for SkyAir series. Interface adaptor for SkyAir series is unnecessary.
*3. Installation box for printed circuit board adaptor (KRP4AA93) is necessary.
*4. For details, refer to the Option Handbook.

DUCT CONNECTION MIDDLE & HIGH STATIC PRESSURE TYPE

INVERTER R-410A

Name of option	Remark		Kit name					
			FBQ50DV1	FBQ60DV1	FBQ71DV1	FBQ100DV1	FBQ125DV1	FBQ140DV1
High-efficiency filter1	(Colorimetric method 65%)		KAF372AA80			KAF372AA160		
	(Colorimetric method 90%)		KAF373AA80			KAF373AA160		
Filter chamber			KDDF37AA80			KDDF37AA160		
Replacement long-life lter			KAF371AA80			KAF371AA160		
Replacement long-life lter chamber kit			KAF375AA80			KAF375AA160		
Service panel			KTB25KA80W			KTB25KA160W		
			KTBJ25K80F			KTBJ25K160F		
			KTBJ25K80T			KTBJ25K160T		
Air discharge adaptor			KDAJ25K71A			KDAJ25K140A		
Remote Controller	Wireless type	Cooling Only	BRC4C64					
		Heat Pump	BRC4C62					
	Wired type[2]		BRC1C61					
Wired LCD remote controller with weekly schedule timer[2]			BRC1D61					
Navigation Remote Controller	Wired type[2]		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.3			KRP4A96 5,6					
Central remote controller4			DCS302CA61					
Uni ed ON/OFF controller4			DCS301BA61					
Schedule timer4			DST301BA61					
Intelligent Touch Controller4			DCS601C51					

Note: 1If installing a high e ciency lter on the unit, an assembly chamber for either bottom or rear suction is required.
2Wiring for wired remote controller to be procured locally.
3Mounting plate for adaptor PCB is necessary for each adaptor marked
4This type of indoor units is equipped with the interface adopter for SkyAir series. DTA112BA51 is unnecessary. 5Up to 2 adaptors can be xed for each mounting plate.
6Only one mounting plate can be installed for each indoor unit.

FLOOR STANDING TYPE

INVERTER R-410A

Name of option	Remark	Kit name			
		FVQ71CVEB	FVQ100CVEB	FVQ125CVEB	FVQ140CVEB
Replacement long-life lter		KAFJ95L160			
Navigation Remote Controller	Wired type[1]	BRC1E62			
Central remote controller[2]		DCS302CA61			
Uni ed ON/OFF controller[2]		DCS301BA61			
Schedule timer[2]		DST301BA61			
Intelligent Touch Controller[2]		DCS601C51			
Adaptor for wiring[3]		KRP1BA57			
Wiring adaptor for electrical appendices		KRP4AA52			
Installation box for adaptor PCB		KRP4AA95			

Note:
[1]Wiring for wired remote controller to be procured locally.
[2]This type of indoor units is equipped with the interface adopter for SkyAir Series. DTA112BA51 is unnecessary 3Installation box for adapter PCB (KRP4AA95) is necessary.

REASONS TO BUY DAIKIN

Air-conditioning specialist from Japan

Daikin focuses on air-conditioning solutions and control systems. As specialists, it's all we do. No wonder Daikin is recognised as an expert in air-conditioning.

Three-year warranty on compressors

Reliability. That's probably top of your list when buying an air-conditioning system for your home or business. Daikin gives you peace of mind and reassurance with their five-year warranty on compressors of Hi-wall split air-conditioners. That's how confident Daikin is about the quality and reliability of its product.

High energy efficiency

Daikin's continuous drive for improved efficiency has seen its advanced inverter technology being applied to split, ducted and other systems. These systems provide a more comfortable environment and are more energy efficient when compared to non-inverter systems.

Environment friendly

Daikin continues to work towards a sustainable future, and has received Environmental Management System certification to ISO14001. Daikin Airconditioning India Pvt. Ltd. is dedicated to preserving and protecting the environment through the production of energy efficient products.

Unmatched after-sales support

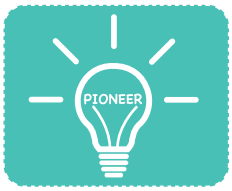
Daikin takes pride in providing its customers with efficient after sales support, including readily available spare parts warehoused in India.

The Daikin edge with in-house manufacturing

Daikin is the only company in the world dedicated to manufacturing both air-conditioning systems and refrigerants. Each element has been designed to work flawlessly with the next - delivering optimal performance - from the time a project begins till the moment of absolute comfort.

Experienced dealers

Daikin distributes its products through experienced dealers. This ensures that you receive a top quality product with expert support. Together this means the best air-conditioning solution for your individual needs.

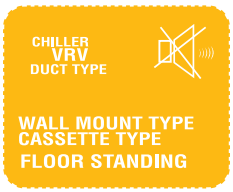


Pioneer in air-conditioners

Daikin has been providing air-conditioning solutions for over 15 years in India. As one of the industry's more trusted names, Daikin air-conditioning equipment can be found in homes, offices, hotels and shops. Daikin is committed to the air-conditioning market and has a manufacturing facility located in Rajasthan.

Wise investment – Low running cost

When you buy a Daikin air-conditioning system you need to look beyond the initial purchase price. It pays to consider ongoing running costs in conjunction with the potential life of the product. Daikin systems offer superior build quality and energy efficiency.



Comprehensive range and quiet operation

Daikin has a comprehensive range of products in both domestic and commercial segments. Designed to provide effective and quiet air-conditioning, Daikin can customise a solution to meet every requirement.

Terms & Conditions Apply

DAIKIN

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'Products mentioned in this brochure comply with RoHS regulations as per E-waste (Management & Handling) Rules, 2011and should not be mixed with general household waste at the end of their useful life.' For more details kindly visit our website www.daikinindia.com or contact our customer care centre at 1800 102 9300 / 1800 22 9300

DAIPL-2016/16-NonCassette-1 concept and design at aicl [info@aicl.in]