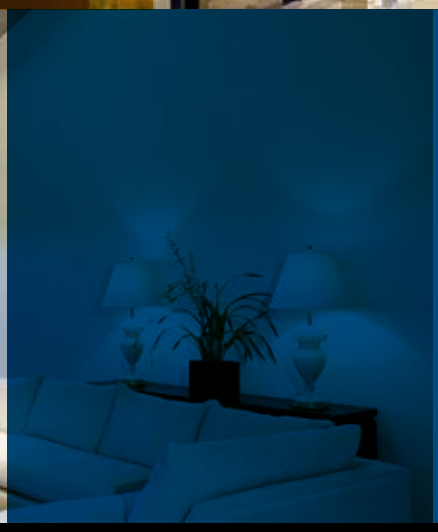
DAIKIN

WORLD'S LEADING AIR CONDITIONING COMPANY FROM JAPAN



Solutions

Maximum designs. | Minimum running cost.

360°

INDEX

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 — **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.

2016 Daikin India starts the production of Non-Inverter Cassette air conditioners.

2017 Daikin Acquires Australian Company Airmaster

2019 Daikin completes the acquisition of AHT Group (Austria)

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

2016

Research and development Centre opens at Neemrana, Rajasthan.

2017

Second production facility opens at Neemrana, Rajasthan.

ENGINE OF GROWTH

Factory 1

MANUFACTURING PLANT

Daikin's manufacturing plant at Neemrana, Rajasthan, aims to create products that will add comfort to the lives of people. It is supported by a network of production bases throughout the world 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 high-quality production within scheduled time.

Area

42,300 sq mtrs

Investments*

10,299 mn

Factory 2

RESEARCH & DEVELOPMENT FACILITY

Lab facilities

- Two Psychrometric lab of 3 TR and one Lab of 5 TR
- One multi-chamber lab of 25 TR capacity
- One Full Anechoic chamber for running sound test
- 10 HP* Product Reliability test lab, CFM test lab and one 11 TR Psychrometric lab

Test facilities

- Cyclic Corrosion test
- Salt Spray test
- Thermal Shock test*
- Vibration test*
- Environmental test*
- Drop test#

Other facilities

- Concept room
- Mock-up area
- Device test room (electronic parts test room)

*Operational by 2018 #Under installation

Area

5,088 sq mtrs

Investments*

1,000 mn

R&D Centre

R32 – BEFRIENDING THE ENVIRONMENT

AIR IS SOMETHING THAT SURROUNDS US 24 HOURS A DAY. IN FACT, OUR EXISTENCE, AS WELL AS EARTH'S DEPENDS ON IT. AT DAIKIN, THE FUTURE OF THE WORLD'S AIR IS OUR GREATEST CONCERN. WE, THE MANUFACTURER OF WORLD'S BEST AIR-CONDITIONERS, ARE ALWAYS PAVING THE PATH TO SAVE OUR ENVIRONMENT FOR NEXT GENERATION.

We phased out all R-22 model and shifted to the green refrigerant R-32. Now, whole world is coming together to find and work on way to address global warming issue. We are also offering worldwide free access to patents for equipment using next generation refrigerant, R-32. Refrigerant choice is a key in saving the ozone layer and reducing global warming.

R-32 is Environment-Friendly

ZERO OZONE
Depletion Potential

1/3RD
Global Warming Potential

75%
less carbon dioxide emissions

BETTER LIFE
cycle climate performance

OUR RA MODELS MANUFACTURED IN INDIA USE THE NEXT GENERATION REFRIGERANT, R32.

R-32 offers superior performance

15.3%
morecooling as compared to R410A

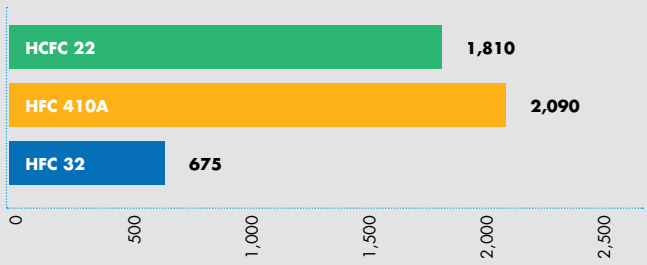
~30%
refrigerant charging volume as compared to R410A & R22

~5%
more power savings compared to R410A

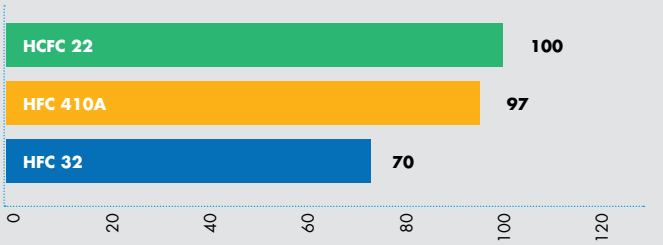
BETTER PERFORMANCE
at higher temperature as compared to R22 (Low Derating)

Only 1/3rd Global Warming potential

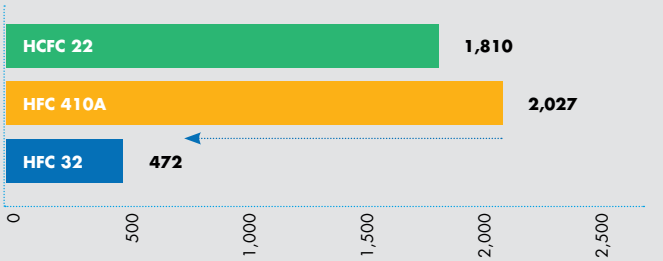
GWP



Charging ratio (%)

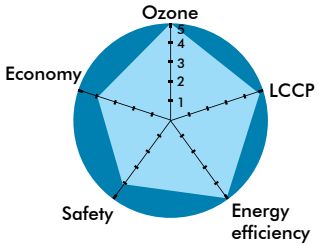


Theoretical Modified GWP

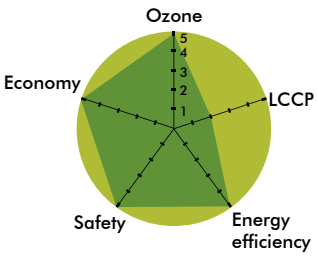


Most balanced refrigerant

HFC32



HFC410A



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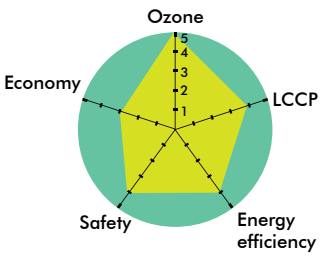
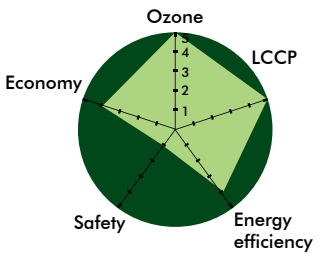


Propane (HFC290)

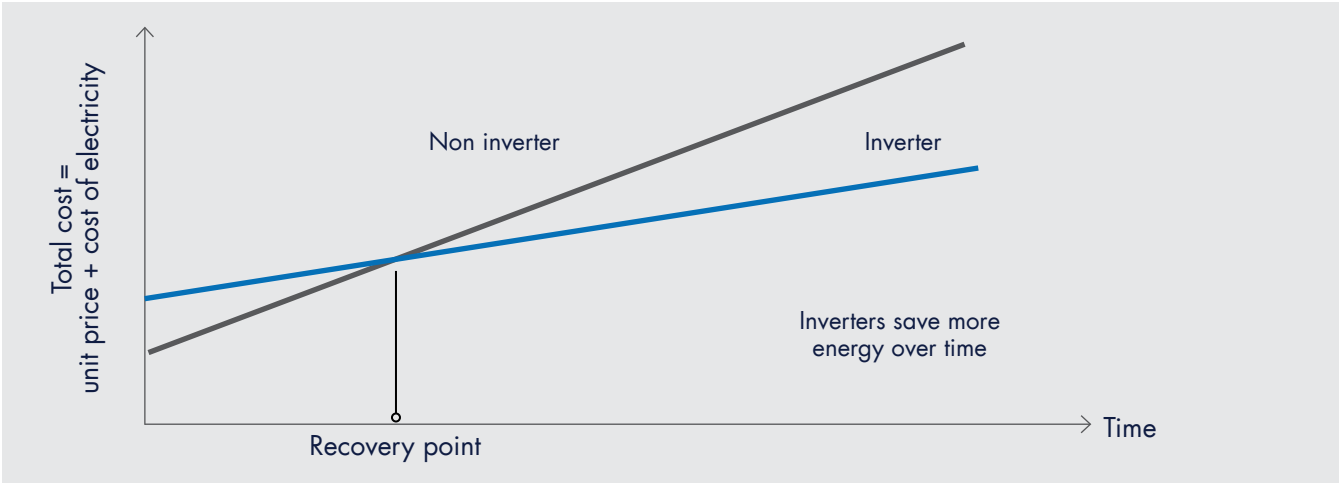


R-32 has zero Ozone Depletion Potential (ODP) and Modified Global Warming Potential (GWP) of 472, compared to R-410A's Modified GWP of 2,027. Also R-32 is a single component refrigerant, which makes it easy to recycle. It is because of these reasons that R-32 offers the lowest total emissions and best overall life-cycle climate performance

INVERTER TECHNOLOGY

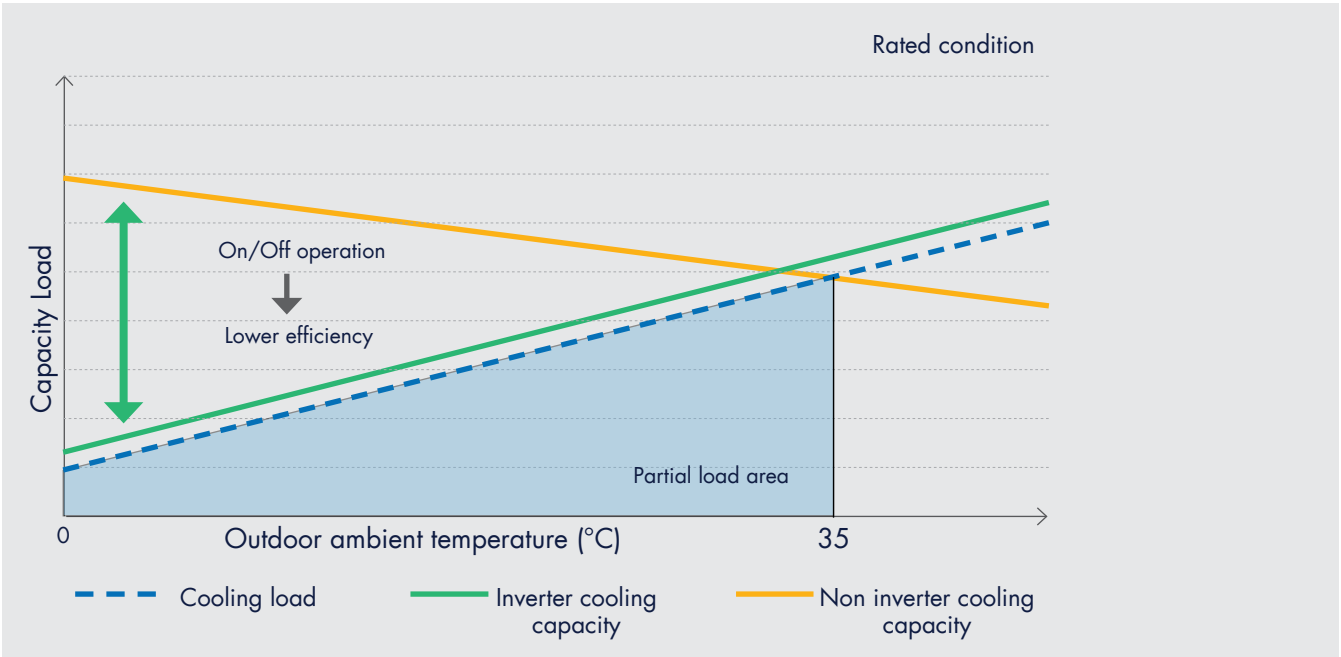
WHY IS INVERTER TECHNOLOGY ECONOMICAL?

- **Inverter system consumes less electricity, and soon recovers the difference in initial cost. This results in lower total cost.**



- **Inverter air conditioner can adjust its cooling capacity according to the cooling load. This results in less power consumption.**

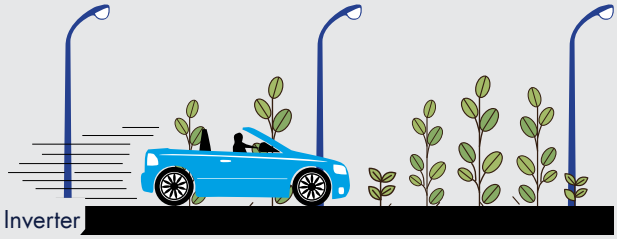
In response to fluctuating cooling load, Non inverter air conditioners repeatedly perform ON (full-power)/OFF (zero-power) operation. Inverter air conditioners, however, operate at optimal cooling capacity according to the cooling load. Since inverter air conditioners provide required minimum cooling capacity with minimum electrical power, total power consumption can be reduced during cooling period.



- Inverters operate without repeated ON/OFF operation.

Inverter

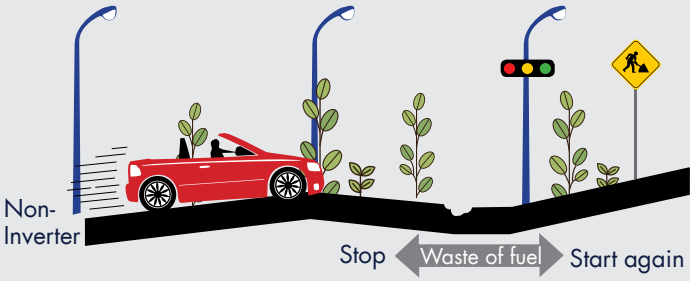
Highway driving



Continuous driving without stopping and starting is more fuel efficient.

Non inverter

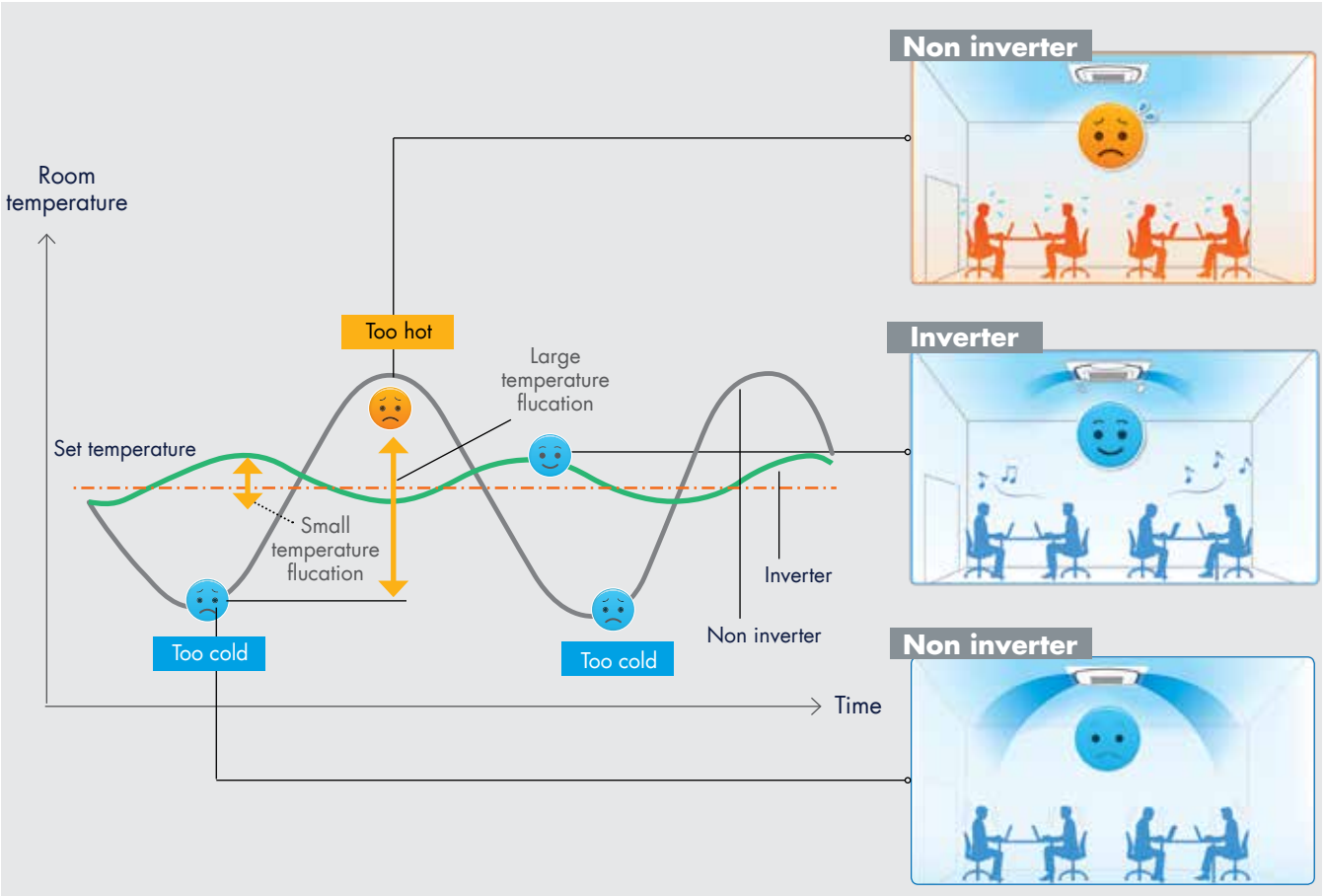
City driving



Constantly stopping and starting consumes energy and is less fuel efficient.

WHY IS INVERTER TECHNOLOGY MORE COMFORTABLE?

- **When temperature does not fluctuate much, the set temperature is maintained.**
  Inverter control responds to load changes and causes minor temperature adjustments. Non-inverter control frequently turns ON and OFF in response to load fluctuations or load mismatch and causes large temperature swings.



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'

FHQ100BV & 125BV (COOLING ONLY)	10KW & 12.5 KW	COOLING
FHQ100BV & 125BV (HEAT PUMP)	9.2KW & 11.2 KW	COOLING
	10.5 KW & 13.5 KW	HEATING

ACCESSORY REQUIRED FOR INDOOR UNIT

WIRELESS LCD REMOTE CONTROLLER

Option

A signal receiver must be added to the indoor unit.

BRC7EA66
(Cooling Only)

BRC7EA63W9
(Heat Pump)

SIGNAL RECEIVER UNIT
(Installed type)

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

NAVIGATION REMOTE CONTROLLER

Standard

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 cooling applicable	—	•
	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

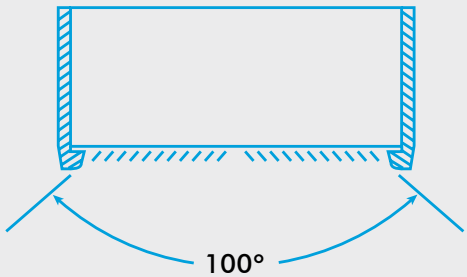
*1 Installable on max. 3.5 m high ceiling
*2 Applicable when wired remote controller is used
*3 For outdoor units
*4 Applicable when BRC1E62 is used
*5 Option

COMFORT

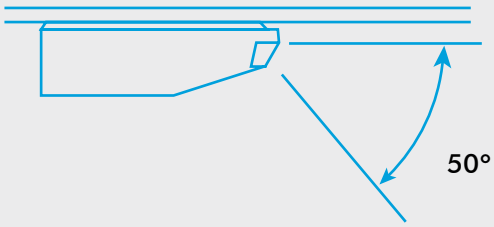
- **AUTO-SWING (UP & DOWN) BRINGS COMFORT TO THE ROOM**

- **DISTRIBUTES AIR EVENLY THROUGHOUT THE ROOM**

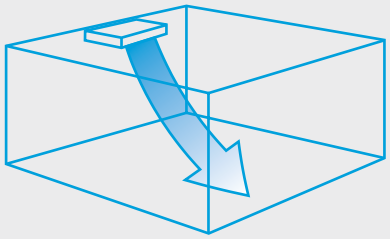
WIDE AIR DISCHARGE OPENINGS PRODUCE A SPREADING 100° AIRFLOW



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.

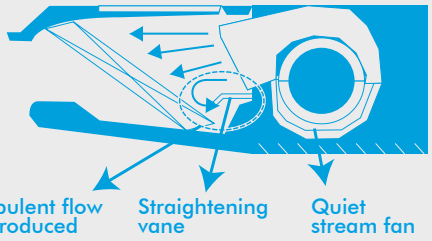
- **QUIET OPERATION**
  Sound operation has been reduced on the exposed ceiling suspended type unit.

dB(A)

INDOOR UNIT	HIGH	LOW
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



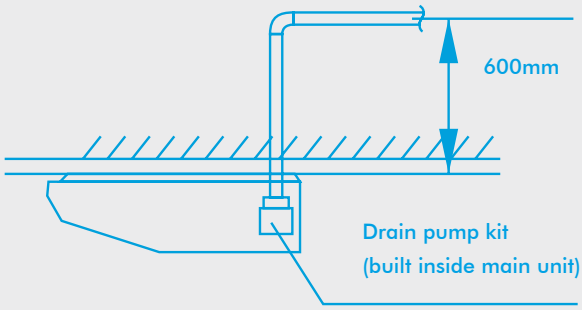
WORK & SERVICING

- **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.

- **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 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

R-410A

SUITABLE FOR TIGHT CEILING SPACES

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

FVQ100 ~ 140 (COOLING ONLY)	10KW ~ 13.5 KW	COOLING
FVQ100 ~ 140 (HEAT PUMP)	10KW ~ 13.5 KW	COOLING
	11.2 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

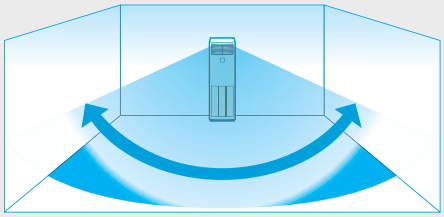
*1 Applicable for 100
*2 Applicable when wired remote controller is used
*3 For outdoor units
*4 Applicable when BRC1E62 is used

COMFORT

- **NEW COMFORTABLE AIRFLOW CONTROL**

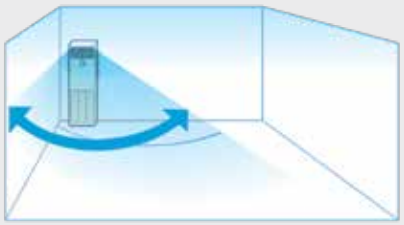
1. Left and Right Directions (By Remote Controller)
   Auto swing direction is selectable from three patterns to suit the layout of the room.

PATTERN 1
WIDE SWING TOWARD THE FRONT



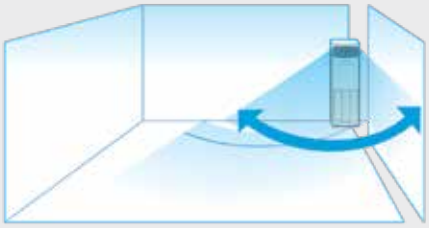
WHEN INSTALLED IN THE CENTER OF A WALL

PATTERN 2
SWING ON THE LEFT SIDE



WHEN INSTALLED IN THE CORNER OF A ROOM

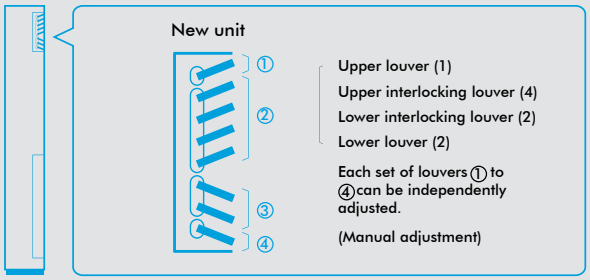
PATTERN 3
SWING ON THE RIGHT SIDE



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.

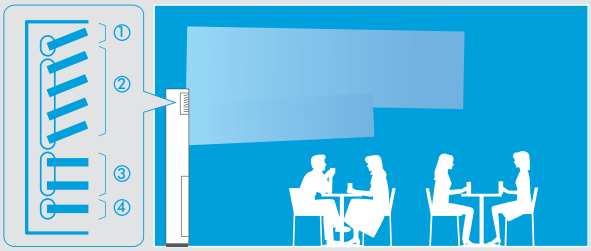
Freely select both up and down airflow direction with 8-louver (horizontal blade) operation.



Example applications

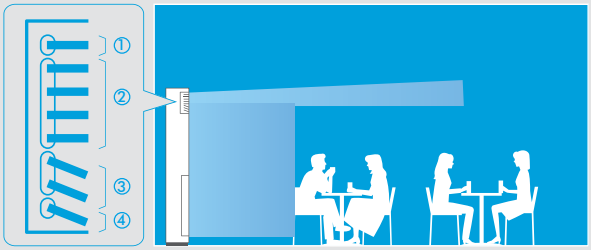
When cooling

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 FVQ 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
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.

INDOOR UNIT	100 C	125 C	140 C
WEIGHT	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

FDMF SERIES

COOLING ONLY

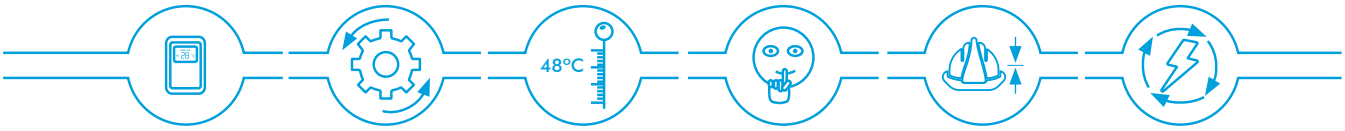
FDMF SERIES
COOLING ONLY

Compact Indoor Unit Height (300 mm)

INVERTER

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

R-32



USE REMOTE CONTROLLER TO ADJUST AIRFLOW

HIGH EFFICIENCY SWING ROTARY COMPRESSOR

HIGH AMBIENT TEMPERATURE WORKING UP TO 48°C

MOST SILENT INDOOR OPERATION *26 dB

HIGH PRESSURE & COMPRESSOR OVERLOAD SAFETY

UNDER VOLTAGE & OVER VOLTAGE PROTECTION FOR ODU

FDMF 50~140 (COOLING ONLY)	5.0 KW ~ 14.0 KW	COOLING

ACCESSORY REQUIRED FOR INDOOR UNIT

WIRELESS LCD REMOTE CONTROLLER

Option

A signal receiver must be added to the indoor unit.

BRC4C66

BRC4M61-6

SIGNAL RECEIVER UNIT
(Installed type)

Wireless remote controller and signal receiver unit are sold separately.

NAVIGATION REMOTE CONTROLLER

Standard

BRC1E62
(Wired Remote Controller)

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

1 TR (tons of refrigeration) = 3.517 KW
* Applicable for selected models

FEATURES

FDMF		Cooling Only
Comfort	Switchable fan speed (3-speed fan setting)	•
	Programme 'Dry'	•
	Two selectable temperature-sensors	*1
	Hot start (after defrost)	—
	Year-round cooling applicable	—
	Night quiet operation	*2
	Timer selector	•
	Weekly schedule timer	*3
Cleanliness	Anti-bacterial air filter	*4
	Silver ion anti-bacterial drain pan	•
Work & Servicing	Drain pump mechanism	•
	Pre charged for up to 30 m for 90-140 models	•
	Pre charge for up to 15m for (50/71) models.	•
	Long-life filter for 90-140 models	*4
	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	•
Options	High-efficiency filter	•
Others	Anti corrosion treated heat exchangers	*2

*1 Applicable when wired remote controller is used
*2 For outdoor units
*3 Applicable when BRC1E62 is used
*4 Option
#Due to continuous R&D, features may vary from model to model

COMFORT

- **QUIET OPERATION**

dB(A)

INDOOR UNIT	HIGH	LOW
50 D	33	26
71 D	38	34
90 D	38	32
100 D	38	32
125 D	42	35
140 D	42	35

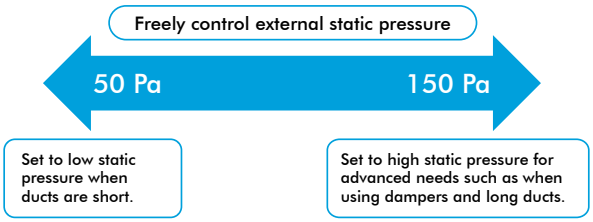
- **TWO SELECTABLE TEMPERATURE-SENSORS**

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.

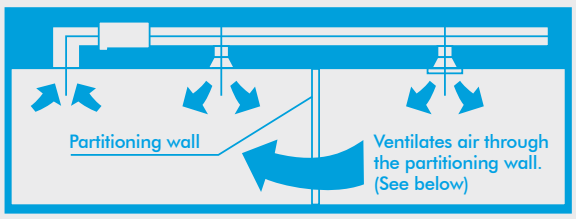
Temperature-sensor on indoor unit must be used when the air-conditioner is controlled from another room. Wireless remote controller does not have a temperature-sensor.

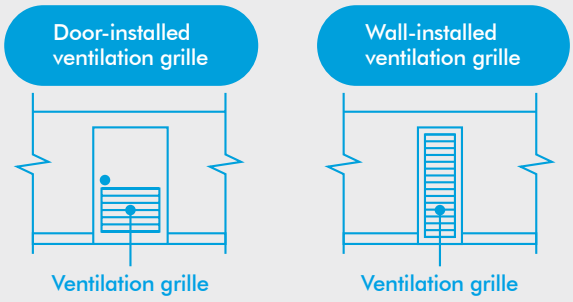
- **INCREASED FREEDOM OF DESIGN, THANKS TO VARIABLE CONTROL OVER EXTERNAL STATIC PRESSURE**

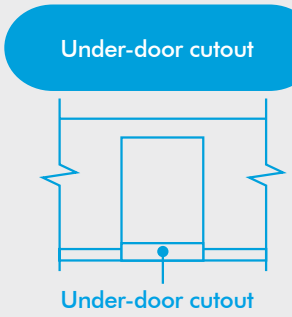
Comfort airflow achieved in accordance with conditions such as duct length. Using a DC fan motor, the external static pressure can be controlled within a range of 50 Pa to 200 Pa.



- **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	34
71 D	300	1,000	700	34
90 D	300	1,400	700	43
100 D	300	1,400	700	43
125 D	300	1,400	700	45
140 D	300	1,400	700	45

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.

DUCT CONNECTION MIDDLE HIGH STATIC PRESSURE TYPE

FBQ SERIES

HEAT PUMP

FBQ SERIES
HEAT PUMP

INVERTER

R-410A

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

- USE REMOTE CONTROLLER TO ADJUST AIRFLOW
- MOST SILENT INDOOR OPERATION *26 DB
- HIGH AMBIENT TEMPERATURE WORKING UP TO 48°C WIDE
- EASY MAINTENANCE

FBQ71~140D (HEAT PUMP)	8.0 KW ~ 16.0 KW	HEATING

ACCESSORY REQUIRED FOR INDOOR UNIT

WIRELESS LCD REMOTE CONTROLLER

Option

A signal receiver must be added to the indoor unit.

BRC4M150W16

SIGNAL RECEIVER UNIT
(Installed type)

BRC4M61-6

Wireless remote controller and signal receiver unit are sold separately.

1 TR (tons of refrigeration) = 3.517 KW

NAVIGATION REMOTE CONTROLLER

Standard

BRC1E62
(Wired Remote Controller)

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

FEATURES

FBQ-DV1		Heat Pump
Comfort	Switchable fan speed (2 step)	•
	Programme 'Dry'	•
	Two selectable temperature-sensors	*1
	Hot start (after defrost)	•
	Year-round cooling applicable	•
	Night quiet operation	*2
	Timer selector	•
	Weekly schedule timer	*3
Cleanliness	Anti-bacterial air filter	*4
	Silver ion anti-bacterial drain pan	•
Work & Servicing	Drain pump mechanism	•
	Pre charged for up to 30 m	*2
	Long-life filter	*4
	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	•
Options	High-efficiency filter	•
Others	Anti corrosion treated heat exchangers	*2

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

COMFORT

- **QUIET OPERATION**

dB(A)

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

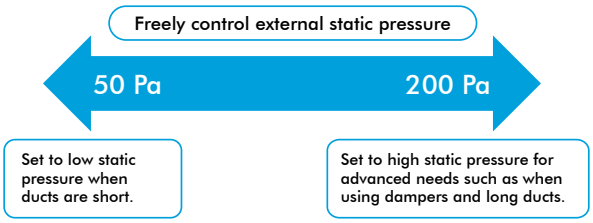
- **TWO SELECTABLE TEMPERATURE-SENSORS**

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.

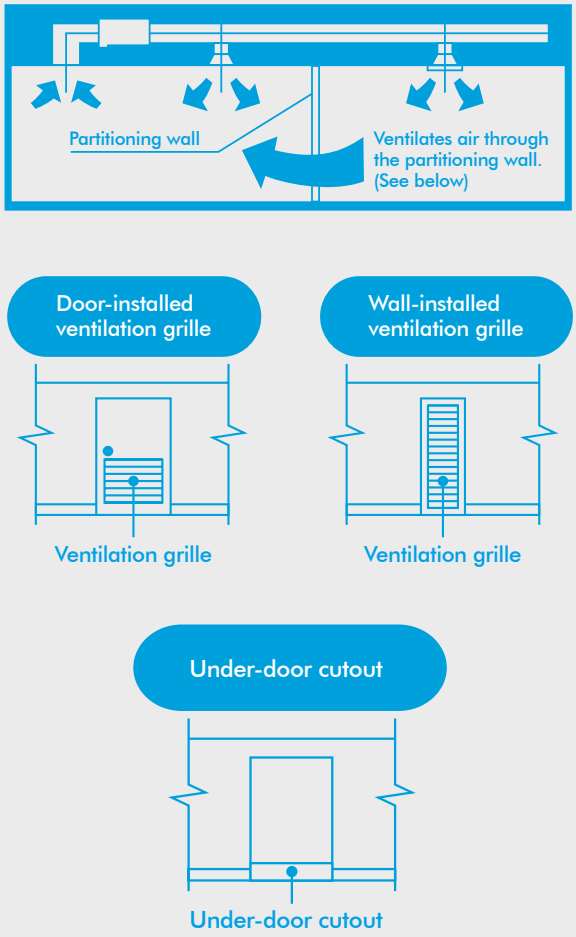
Temperature-sensor on indoor unit must be used when the air-conditioner is controlled from another room. Wireless remote controller does not have a temperature-sensor.

- **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)
71 D	300	1,000	700	36
100 D	300	1,400	700	46
125 D	300	1,400	700	46
140 D	300	1,400	700	46

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

FAQ100 (COOLING ONLY)	10KW	COOLING
FAQ100 (HEAT PUMP)	10KW	COOLING
	11.2 KW	HEATING

ACCESSORY REQUIRED FOR INDOOR UNIT

NAVIGATION REMOTE CONTROLLER (C/O)

Standard

BRC1E62
(Wired Remote Controller)
Note: Remote controller cable not included. Cables must be procured locally.

WIRED LCD REMOTE CONTROLLER (H/P)

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

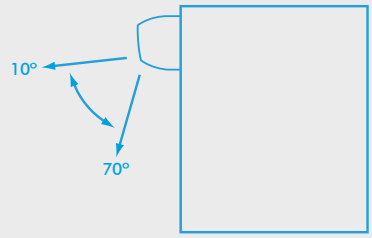
FAQ		Cooling Only	Heat Pump
Comfort	Auto swing	•	•
	Draft prevention function	—	•
	Switchable fan speed	• (3 step)	• (3 step)
	Auto airflow rate	• *3	• *3
	Program 'Dry'	•	•
	Two selectable temperature-sensors (*1)	•	•
	Hot start (after defrost)	—	•
	Year-round cooling applicable	—	•
	Night quiet operation (*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 BRC1E62 is used
*5 Option

COMFORT

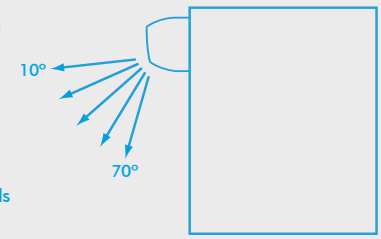
- **IMPROVED AIR BLOW MODES ENSURE COMFORTABLE AIR DISTRIBUTION ACROSS THE ENTIRE ROOM.**

Auto swing



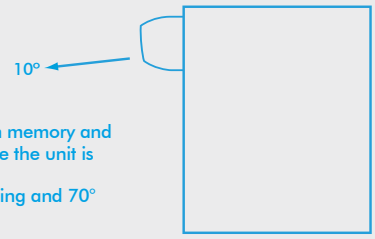
Auto swing from 10° to 70°

5-level blow direction setting



Settable to five different levels between 10° to 70°

Auto blow direction control



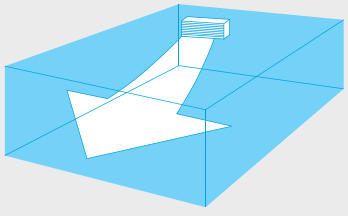
Last blow direction is saved in memory and automatically set the next time the unit is turned ON.
(Factory setting is 10° for cooling and 70° for heating).

- **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

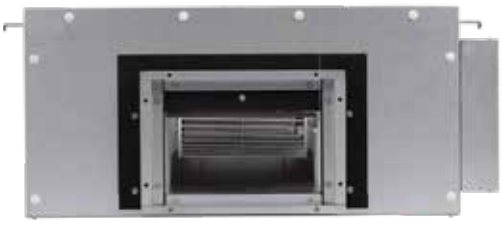
DUCT CONNECTION MIDDLE HIGH STATIC PRESSURE TYPE

FDMR

COOLING ONLY

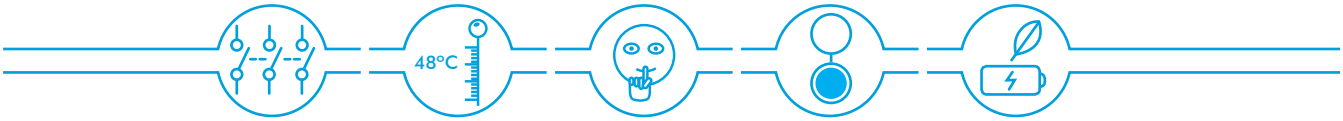
FDMR

COOLING ONLY



R-410A

FLEXIBLE USE OF SPACE IS MADE POSSIBLE USING DUCT TO MEET HIGH STATIC AND LARGE AIRFLOW FOR WIDER COVERAGE COMMERCIAL REQUIREMENTS



3-PHASE POWER SUPPLY

HIGH AMBIENT TEMPERATURE WORKING UP TO 48°C

MOST SILENT INDOOR OPERATION 53 dB

COMPACT & SPACE SAVER IDU 375 MM

PRE CHARGE ECO GREEN REFRIGERANT

FDMR36ERV16	3.0 TR	COOLING ONLY

ACCESSORY REQUIRED FOR INDOOR UNIT

WIRED HANDSET

Standard

LCD TYPE
(Applicable for FDMR/FDR/FD)

CAPACITY	TONNAGE (TR)	3.0
3.0 TR NON INVERTER DUCT R-410A		3⌀
STATIC PRESSURE		30 Pa

WIRELESS HANDSET

Option

BRC4N151
(Cooling Only)

FEATURES

NEW WIRED LCD REMOTE CONTROLLER
New LCD based wired type remote handset with alphabetic error display like HP, LP, SPPR, indoor fan current sensor etc. In-built energy saver dedicated button and glossy finish.

HIGH PERFORMANCE EVEN AT HIGH AMBIENT TEMPERATURE
Always keeping your comfort in mind, Daikin ducted air conditioners work at high ambient temperature (48°C) without tripping. Get the best out of Daikin ducted air conditioners even in hot weather conditions.

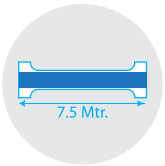
UNDER VOLTAGE AND OVER VOLTAGE PROTECTION
Given the erratic electricity supply it becomes important that your air conditioners are guarded against under voltage and over voltage. Daikin ducted air conditioners offer protection against voltage fluctuation thus enhancing the operating life of your air conditioners.

PHASE IMBALANCE VOLTAGE
It is vital that your air conditioner is protected against imbalance and Daikin duct air conditioners offer this protection to ensure reliable operation of the air conditioner.

Electrical equipment especially motors and their controllers will not operate reliably on unbalanced voltages. Greater imbalances may cause overheating of components and damage the air conditioners.

PHASE LOSS PROTECTION
In case of any phase loss Daikin machine will display error on its controller.

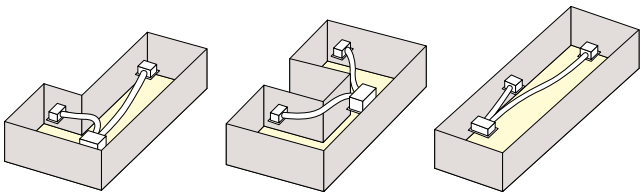
PHASE REVERSE PROTECTION
Phase reversal could cause serious problems therefore much care is required to protect the motor from such type of fault. Daikin duct air conditioners offer protection from phase reversal thus enhancing the life of the air conditioners.



PRE-CHARGED REFRIGERANT
FDMR36ERV16 model is available with pre-charged refrigerant for 7.5 meter piping length. No need for additional refrigerant charge on-site if piping length is upto 7.5 meters.

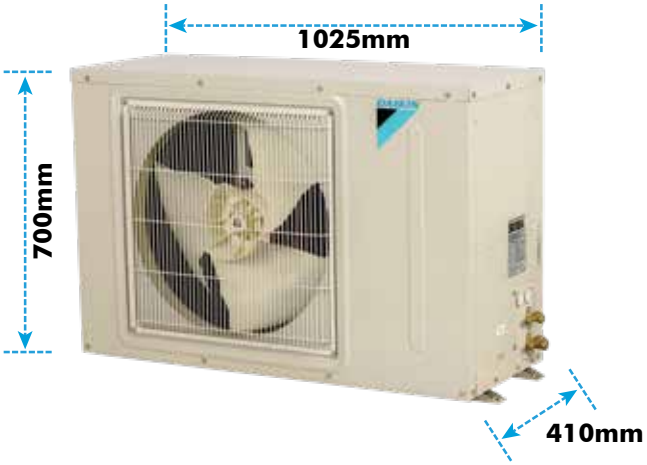
COMFORT

SUPERIOR AIR DISTRIBUTION FOR COMFORTABLE LIVING
The conditioned air can be effectively distributed to every corner of the room through the ducting and this ensures a pleasant environment for comfortable living.



L-SHAPED ROOM | U-SHAPED ROOM | LONG ROOM

OUTDOOR UNIT COMPACT DESIGN



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)	8.3KW ~ 16.1 KW	COOLING
FVQN100 ~ 140 (HEAT PUMP)	11.7KW ~ 16.1 KW	COOLING
	11.7KW ~ 16.0 KW	HEATING

ACCESSORY REQUIRED FOR INDOOR UNIT

WIRELESS HANDSETS

Standard

BRC52A62
(Cooling Only)

BRC52A61
(Heat Pump)

WIRED HANDSET

Option

BRC51A62
(Cooling Only)
BRC51A61
(Heat Pump)

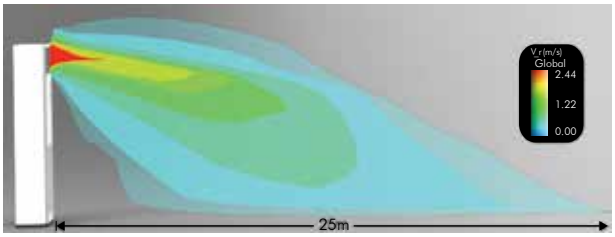
FEATURES

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

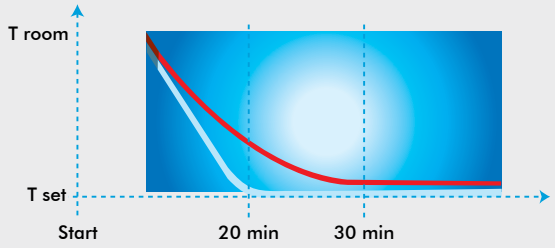
COMFORT

- **FLOOR STANDING AIR FLOW**
  The floor standing is able to achieve air flow distance up to 25m*

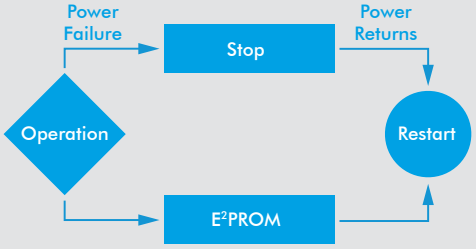


*Note: Based on size 140

- **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.

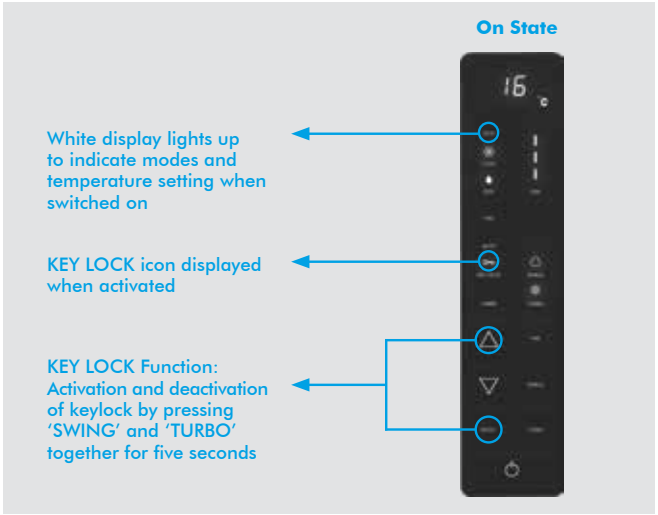
Auto horizontal swing

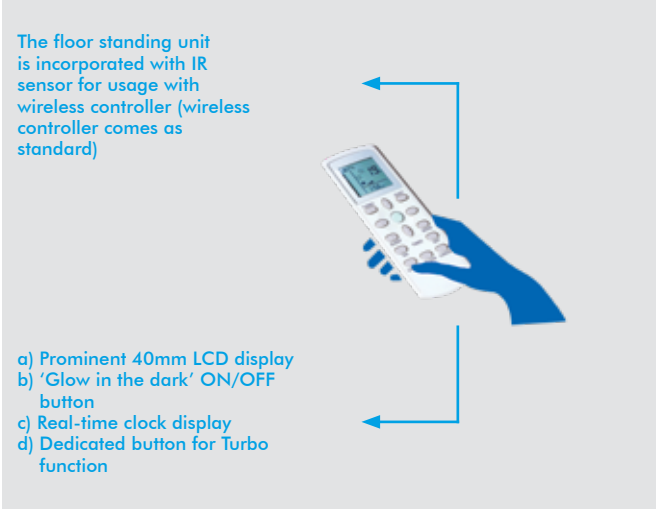
Manual setting of vertical airflow louvers

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

FDB/MF & FDMQN SERIES

COOLING ONLY & HEAT PUMP

FDB/MF & FDMQN SERIES

COOLING ONLY & HEAT PUMP

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

HIGH ENERGY EFFICIENT CONCEALED AC

HIGH AMBIENT TEMPERATURE WORKING UP TO 48°C

MOST SILENT INDOOR OPERATION *36 dB

ULTRA LOW HEIGHT IDU (250MM)

SELECTABLE FAN SPEED

FDBF12~FDMF48 (COOLING ONLY)	3.5 KW ~ 14.0 KW	COOLING	R-32
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

BRC51A61
(Heat Pump)

(Applicable for FDMQN only)

LCD type
(Aplicable for FDB/MF)

WIRELESS HANDSETS

Standard

BRC52A61
(Heat Pump)

(Applicable for FDMQN only)

BRC4N151
(Cooling Only)

*Available with FDMQN models.

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 Outdoor Heat Exchanger	•	•
Power supply	Power from Outdoor	•	•

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

FEATURES FDMR(Q)N

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.

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.

FEATURES FDB/MF

WIDE EXTERNAL STATIC RANGE

Wide static range makes these series suitable to wide applications. Low static machines finds their application at space constraint areas i.e. Hotels and apartments. This series offering includes mid static machines also which meet the static requirements of long ducts and multi zones.

Refrigerant	Model Size (TR)	1.0	1.5	2.0	2.5	2.8	3.5	4.0
R-32	Static (Pa)	20	20	20	20	30	40	50

LOW HEIGHT APPLICATION

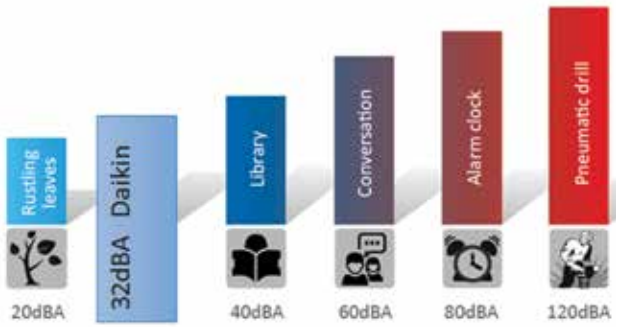
New residential and commercial spaces, HVAC requirement are tilting towards low height indoor machines. FDBF range of low static machines with unit's height as low as 250 mm are the perfect match for low ceiling height installations.

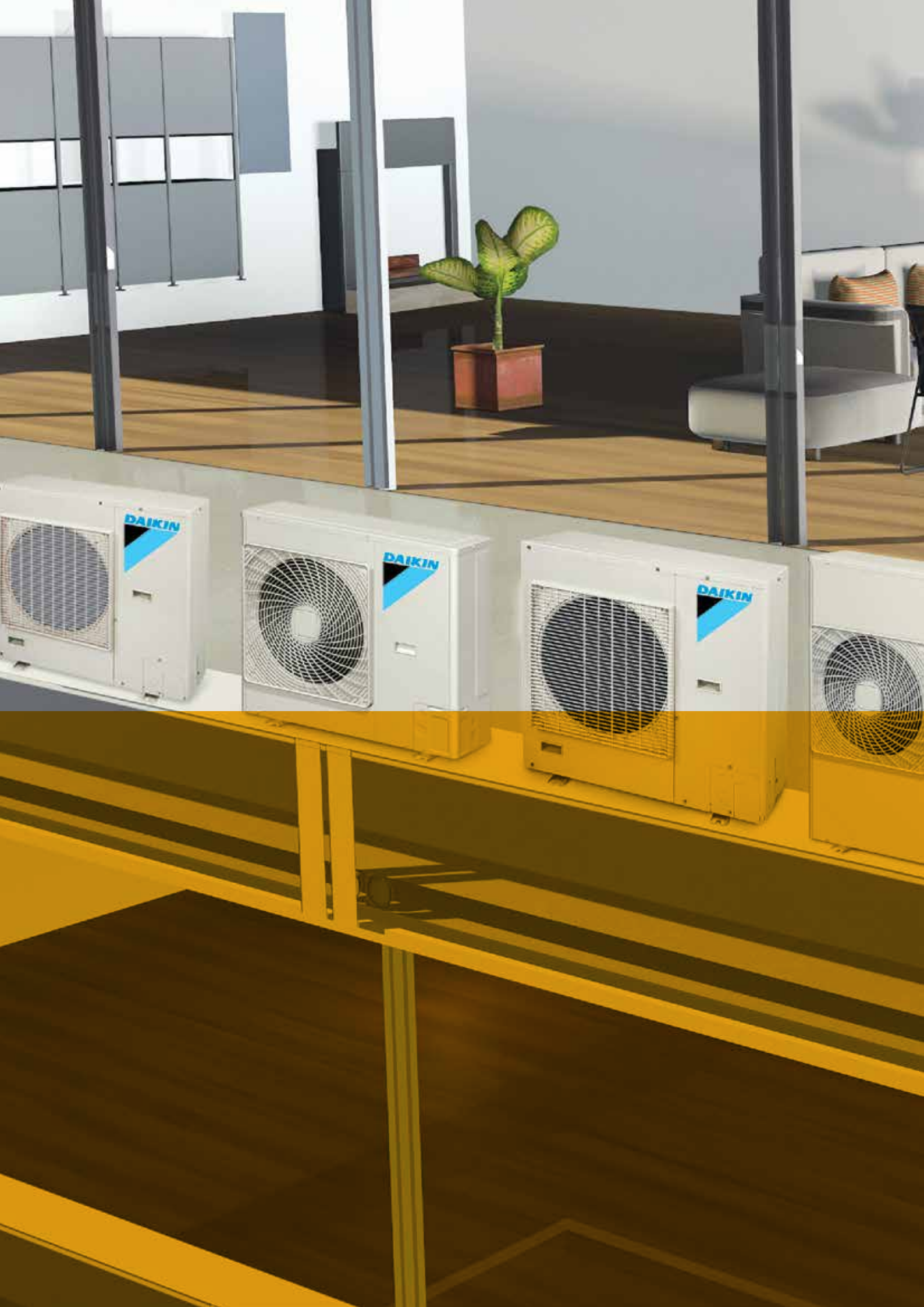
Model Size (TR)	1.0	1.5	2.0	2.5	2.8	3.5	4.0
Unit Height (mm)	250	250	250	295	295	295	295

QUIET OPERATION

Daikin ceiling concealed machines are designed to keep Enclosed area super quiet. Enclosed areas air-conditioned by FDBF machines are quieter than libraries.

Model Size (TR)	Speed	1.0	1.5	2.0	2.5	2.8	3.5	4.0
Sound Level dB(A)	H	36	39	43	43	42	42	49
	M	34	36	40	40	39	39	45
	L	32	34	38	38	36	36	43




DAIKIN
DAIKIN
DAIKIN

OUTDOOR UNITS

OUTDOOR UNITS

NEW COMPACT OUTDOOR UNIT - INVERTER

RZR50LVVM6
RZR60LVVM6
RZR71LVVM6

RZR100LVVM6

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.

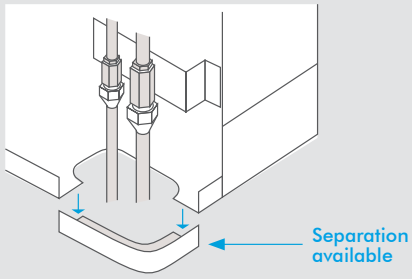
Comparison of outdoor units

	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.

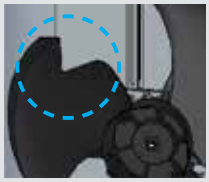
- **LOW GAS PRESSURE DETECTION FUNCTION**

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.



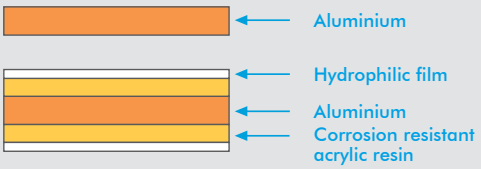
Φ550 V-cut propeller fan

Imitating the performance of the swan

DURABILITY

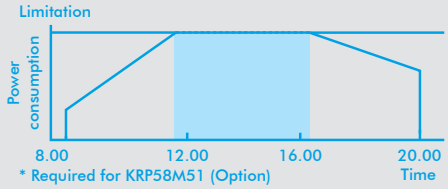
As the bottom frame is subject to corrosion, corrosion-proof galvarium steel plate is adopted to enhance durability. Heat exchange fins are provided with anti-corrosion treatment.

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.



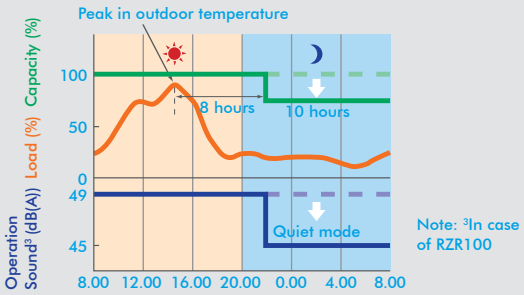
NIGHT TIME QUIET OPERATION FUNCTION

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

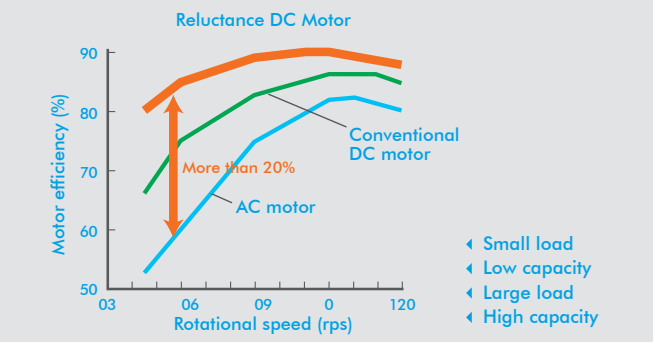
Note: 1 Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.
2 Value when cooling. Value will differ when heating.

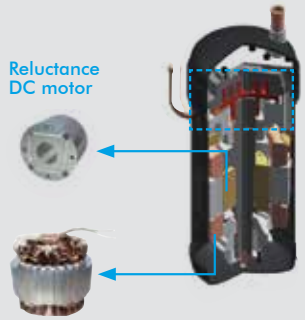


TECHNOLOGY FOR ENERGY EFFICIENCY

The high efficiency compressor to achieve a high COP.

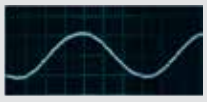
- **COMPRESSOR EQUIPPED WITH RELUCTANCE DC MOTOR**
  Daikin DC Inverter models are equipped with the Reluctance DC motor for compressor. The Reluctance DC motor uses two different types of torque, neodymium magnet*1 and reluctance torque*2. This motor can save energy because it generates more power with 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 smooths motor rotation, further improving operating efficiency.

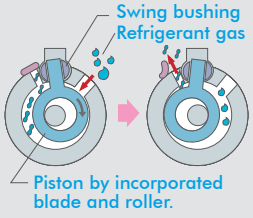


Sine wave DC inverter

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

>> Swing compressor

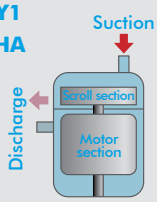
Energy savings are realised, eliminating the friction and the leakage of refrigerant gas.



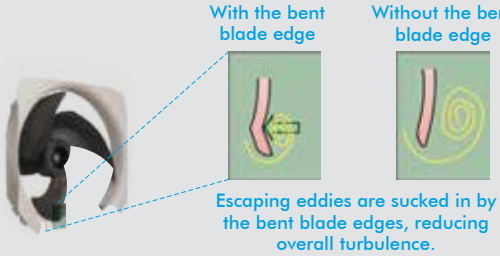
RZR125/140LVVM, RZR100/125/140LUY1
RZQ100/125/140KC, RZQ100/125/140HA

>> 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.



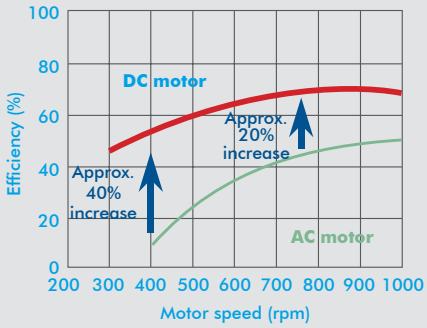
- **SMOOTH AIR INLET BELL MOUTH AND AERO SPIRAL FAN**
  (not applicable for RZR50-71)
  These two features work to reduce noise. Guides are added to the bell mouth intake to reduce turbulence in the airflow generated by fan suction. The Aero Spiral Fan features blades with bent edges, further reducing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



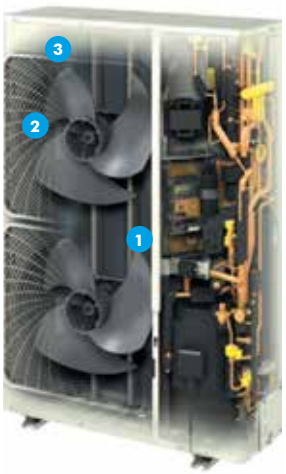
- **DC FAN MOTOR**
  Efficiency improved in all areas compared to conventional AC motors, especially at low speeds.

DC FAN MOTOR STRUCTURE

DC MOTOR EFFICIENCY
(comparison with a conventional AC motor)



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

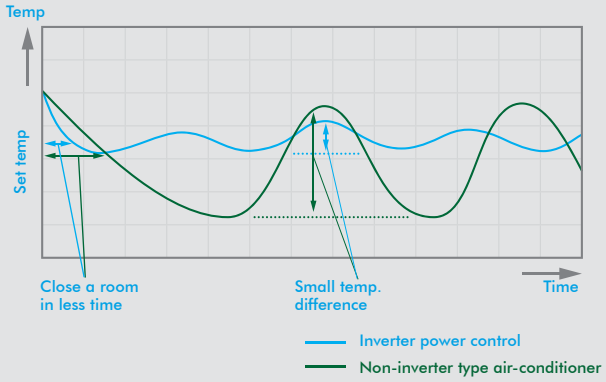


- **SUPER AERO GRILLE**
  Refined ventilation mechanism enables further reduction in required fan power.

- **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.

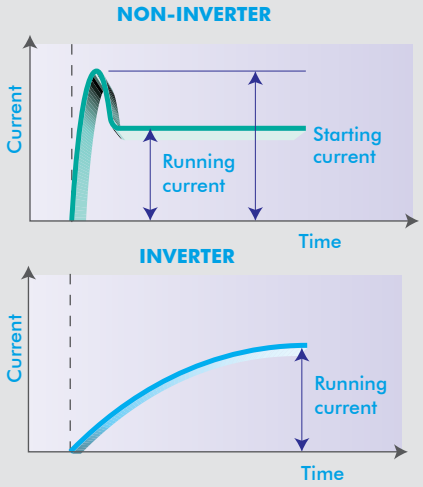
  Non-inverter type air-conditioners must be switched on and off repeatedly, causing large fluctuations of the room temperature.

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
RZR50/60LVVM6	48	44
RZR71LVVM6	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

RR36ERY16

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

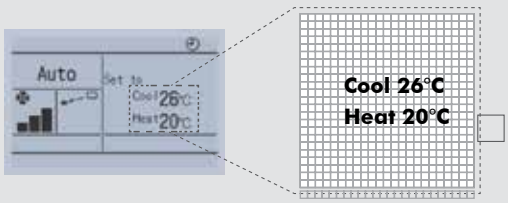
EASY-TO-READ LCD REMOTE CONTROLLER ALLOWS VARIOUS SYSTEM CONTROL CONFIGURATIONS AND CAN CONTROL MULTIPLE INDOOR UNITS. (REMOTE CONTROLLER OPTIONS ARE SHOWN ON THE PAGE INTRODUCING EACH INDOOR UNIT MODEL).

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.

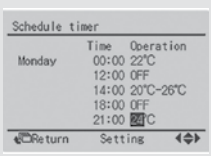
- **AUTO OPERATION MODE**

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

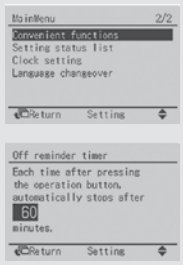


BACKLIGHT DISPLAY
Equipped backlight helps operating in dark rooms.

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

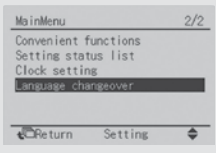


- **SIMPLE OPERATION**
  Large buttons and arrow keys
  Large buttons and arrows keys for easy operation. Basic settings such as fan speed and temperature can be intuitively operated. For other settings just select the function from the menu list.



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).



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

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	Floor Standing Type (FVRN/FVQN)	BRC51A62	BRC51A61
2	Duct Connection Middle Static Pressure Type (FDMQN)	—	BRC51A61

- **INVERTER**

	Wired remote controller	C/O	H/P
1	Wall Mounted Type (FAQ)	BRC1E62	BRC1C61
2	Ceiling Suspended Type (FHQ)	BRC1E62	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)	BRC1E62	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**

	Wireless remote controller	C/O	H/P
1	Floor Standing Type (FVRN/FVQN)	BRC52A62 (Standard)	BRC52A61 (Standard)
2	Duct Connection Middle Static Pressure Type (FDMQN)	—	BRC52A61 (Standard)

- **INVERTER**

	Wireless remote controller	C/O	H/P
1	Wall Mounted Type (FAQ)	BRC7EB519	BRC7EB518
2	Ceiling Suspended Type (FHQ)	BRC7EA66	BRC7EA63W9
3	Floor Standing Type (FVQ)	—	—
4	Ceiling Mounted Slim Duct Type (FDXS)	—	ARC432B69
5	Duct Connection Middle High Static Pressure Type (FBQ)	BRC4M150W16 (Remote) BRC4M61-6 (Sensor)	BRC4M150W16 (Remote) BRC4M61-6 (Sensor)

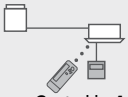
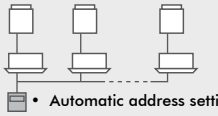
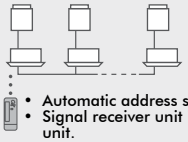
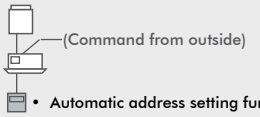
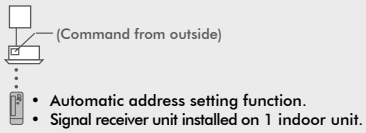
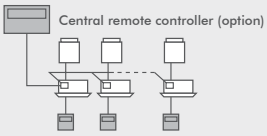
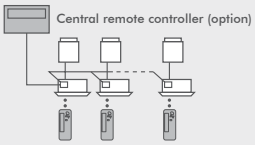
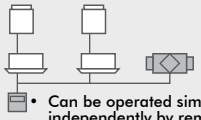
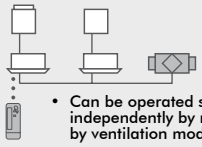
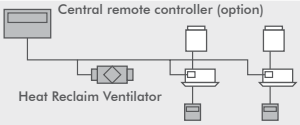
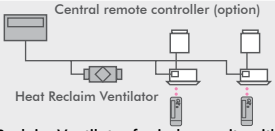
- **LCD PANEL SHOWS OPERATING STATUS IN LETTERS, NUMBERS AND MOTION**

(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.

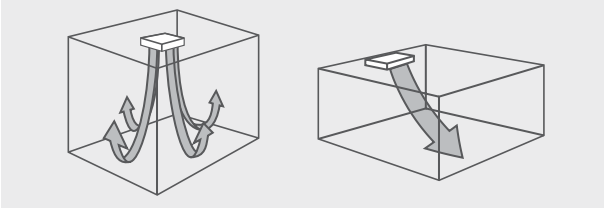
- Applicable for wall mounted type.

MOULD-RESISTANT TREATMENT FOR FILTER

Sanitary filter has mould-resistant treatment.

HIGH-CEILING APPLICATION

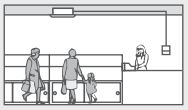
Delivers air-conditioning comfort all the way down to the floor in air-conditioning zones with high ceilings.



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.

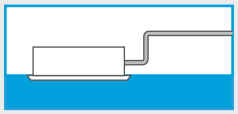
PE FIN

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	Indoor unit			FHQ125BVV1B	FHQ100BVV1B	FHQ125BVV1B
	Outdoor unit			RZR125LVVM6	RZR100LUY1	RZR125LUY1
Power supply				1 Phase, 220-240 V, 50 Hz	3 Phase, 380-415 V, 50 Hz	3 Phase, 380-415 V, 50 Hz
Cooling capacity -Rated (min ~max)			kW	12.5(5.7-14.0)	10.0 (5.0-11.2)	12.5(5.7-14.0)
Power consumption	Cooling-Rated		kW	4.550	3.510	4.550
Annual Power Consumption			kWh	NA	NA	NA
ISEER / Stars			Wh/Wh	NA	NA	NA
Indoor unit	Colour			White	White	White
	Airflow rate (H/L)		m^3/min	30/25	24/20	30/25
			cfm	1059/883	847/706	1059/883
	Sound level (H/L)		dB(A)	44/39	42/37	44/39
	Dimensions (HXWXD)	Unit	mm	195x1590x680	195x1400x680	195x1590x680
		Panel	mm	NA	NA	NA
	Machine weight	Unit	kg	35	32	35
		Panel	kg	NA	NA	NA
	Certified operation range		°CWB	14 to 25	14 to 25	14 to 25
Outdoor unit	Colour			Ivory White	Ivory White	Ivory White
	Compressor	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
		Motor output	kW	2.6	2.1	2.6
	Refrigerant charge (R-410A)		kg	3.7(Charged For 30m)	2.7(Charged For 30m)	3.7(Charged For 30m)
	Sound level	Cooling	dB(A)	50	49	50
	Dimensions (HXWXD)		mm	1170x900x320	1170x900x320	1170x900x320
	Machine weight		kg	97	92	97
	Certified operation range		°CDB	21 to 46	21 to 46	21 to 46
Piping connections	Liquid (Flare)		mm	Ø9.5	Ø9.5	Ø9.5
	Gas (Flare)		mm	Ø15.9	Ø15.9	Ø15.9
	Drain		mm	VP20(I.D Ø20, O.D Ø26)	VP20(I.D Ø20, O.D 26)	VP20(I.D Ø20, O.D Ø26)
Max. interunit piping length			m	50 (Equivalent length 70)	50 (Equivalent length 70)	50 (Equivalent length 70)
Max. installation level difference			m	30	30	30

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	Indoor unit			FHQ125BVV1B	FHQ100BVV1B	FHQ125BVV1B
	Outdoor unit			RZQ125KCV4A	RZQ100HAY4A	RZQ125HAY4A
Power supply				1 Phase, 240 V, 50 Hz	3 Phase, 415 V, 50 Hz	3 Phase, 415 V, 50 Hz
Cooling capacity -Rated (min ~max)			kW	11.2 (5.7-14.0)	9.2 (5.0-11.2)	11.2 (5.7-14.0)
Heating capacity -Rated (min ~max)			kW	13.5 (6.0-16.2)	10.5 (5.1-12.8)	13.5 (6.0-16.2)
Power consumption	Cooling-Rated		kW	3.700	2.850	3.550
Power consumption	Heating-Rated		kW	4.350	3.260	4.350
Annual Power Consumption			kWh	NA	NA	NA
ISEER / Stars			Wh/Wh	NA	NA	NA
Indoor unit	Colour			White	White	White
	Airflow rate (H/L)		m3/min	30/25	24/20	30/25
			cfm	1059/883	847/706	1059/883
	Sound level (H/L)		dB(A)	44/39	42/37	44/39
	Dimensions (HXWXD)	Unit	mm	195x1590x680	195x1400x680	195x1590x680
		Panel	mm	NA	NA	NA
	Machine weight	Unit	kg	35	32	35
		Panel	kg	NA	NA	NA
	Certified operation range		°CWB	15 to 27	15 to 27	15 to 27
Outdoor unit	Colour			Ivory White	Ivory White	Ivory White
	Compressor	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
		Motor output	kW	2.4	2.3	2.7
	Refrigerant charge (R-410A)		kg	3.7(Charged For 30m)	4.3(Charged For 30m)	4.3(Charged For 30m)
	Sound level	Cooling/ Heating	dB(A)	50/52	49/51	50/52
	Dimensions (HXWXD)		mm	1170x900x320	1345x900x320	1345x900x320
	Machine weight		kg	98	108	108
	Certified operation range	Cooling	°CDB	-5 to 46	-5 to 46	-5 to 46
	Certified operation range	Heating	°CWB	-15 to 15.5	-15 to 15.5	-15 to 15.5
Piping connections	Liquid (Flare)		mm	Ø9.5	Ø9.5	Ø9.5
	Gas (Flare)		mm	Ø15.9	Ø15.9	Ø15.9
	Drain		mm	VP20(I.D Ø20, O.D Ø26)	VP20(I.D Ø20, O.D Ø26)	VP20(I.D Ø20, O.D Ø26)
Max. interunit piping length			m	75 (Equivalent length 90m)	75 (Equivalent length 90m)	75 (Equivalent length 90m)
Max. installation level difference			m	30	30	30

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	12-10	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

DUCT CONNECTION MIDDLE AND HIGH STATIC PRESSURE TYPE (Cooling Only)

R-410A

Model			Indoor Unit	FDMR36ERV16
			Outdoor Unit	RR36ERY16
Nominal Capacity			BTU/hr	36000
			kW	10.54
Nominal Total Input Power			W	3750
Power Source			V/Ph/Hz	415/3/50
Refrigerant Type				R-410A
Indoor Unit	Control	Operation		Wired Control
	Airflow	High	CFM	1200
		Medium	CFM	1040
		Low	CFM	880
	External Static Pressure		Pa	30
	Sound Pressure Level		dBA	53
	Unit Dimension	Height	mm	375
		Width	mm	780
		Depth	mm	560
	Packing Dimension	Height	mm	380
		Width	mm	945
		Depth	mm	570
	Unit Weight		Kg	31
	Condensate Drain Size		mm	32
Outdoor Unit	Unit Dimension	Height	mm	700
		Width	mm	1025
		Depth	mm	410
	Packing Dimension	Height	mm	715
		Width	mm	1130
		Depth	mm	455
	Unit Weight		Kg	66
	Pipe Connection	Type		Brazing
		Liquid	mm	9.52
		Gas	mm	15.87
	Refrigerant Charge		Kg	2.65

FLOOR STANDING TYPE (Heat Pump)

INVERTER R-410A

Model Name	Indoor unit			FVQ125CVEB	FVQ140CVEB	FVQ100CVEB	FVQ125CVEB	FVQ140CVEB
	Outdoor unit			RZQ125KCV4A	RZQ140KCV4A	RZQ100HAY4A	RZQ125HAY4A	RZQ140HAY4A
Power supply				1 Phase, 220-240 V, 50 Hz	1 Phase, 220-240 V, 50 Hz	3 Phase, 415 V, 50 Hz	3 Phase, 415 V, 50 Hz	3 Phase, 415 V, 50 Hz
Cooling capacity -Rated (min ~max)			kW	12.5(5.7-14.0)	13.5 (6.2-15.4)	10.0 (5.0-11.2)	12.5(5.7-14.0)	13.5 (6.2-15.4)
Heating capacity -Rated (min ~max)			kW	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-Rated		kW	4.390	5.400	3.280	4.390	5.400
Power consumption	Heating-Rated		kW	4.260	5.280	3.670	4.260	5.280
Annual Power Consumption			kWh	NA	NA	NA	NA	NA
ISEER / Stars			Wh/Wh	NA	NA	NA	NA	NA
Indoor unit	Colour			Fresh White	Fresh White	Fresh White	Fresh White	Fresh White
	Airflow rate (H/M/L)		m3/min	28/26/24	30/28/26	28/25/22	28/26/24	30/28/26
			cfm	988/918/847	1059/988/918	988/883/777	988/918/847	1059/988/918
	Sound level (H/M/L)		dB(A)	51/48/46	53/51/48	50/47/44	51/48/46	53/51/48
	Dimensions (HXWXD)	Unit	mm	1850x600x350	1850x600x350	1850x600x350	1850x600x350	1850x600x350
		Panel	mm	NA	NA	NA	NA	NA
	Machine weight	Unit	kg	47	47	47	47	47
		Panel	kg	NA	NA	NA	NA	NA
	Certified operation range	Heating	°CWB	15 to 27	15 to 27	15 to 27	15 to 27	15 to 27
Outdoor unit	Colour			Ivory White	Ivory White	Ivory White	Ivory White	Ivory White
	Compressor	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
		Motor output	kW	2.4	3.1	1.7	2.2	2.9
	Refrigerant charge (R-410A)		kg	3.7(Charged For 30m)	3.7(Charged For 30m)	4.3(Charged For 30m)	4.3(Charged For 30m)	4.3(Charged For 30m)
	Sound level	Cooling/Heating	dB(A)	50/52	50/52	49/51	50/52	50/52
	Dimensions (HXWXD)		mm	1170x900x320	1170x900x320	1345x900x320	1345x900x320	1345x900x320
	Machine weight		kg	98	98	108	108	108
	Certified operation range	Cooling	°CDB	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 46
	Certified operation range	Heating	°CWB	-15 to 15.5	-15 to 15.5	-15 to 15.5	-15 to 15.5	-15 to 15.5
Piping connections	Liquid (Flare)		mm	Ø9.5	Ø9.5	Ø9.5	Ø9.5	Ø9.5
	Gas (Flare)		mm	Ø15.9	Ø15.9	Ø15.9	Ø15.9	Ø15.9
	Drain		mm	VP20(I.D Ø20, O.D Ø26)	VP20(I.D Ø20, O.D Ø26)	VP20(I.D Ø20, O.D Ø26)	VP20 (I.D Ø20, O.D Ø26)	VP20(I.D Ø20, O.D Ø26)
Max. interunit piping length			m	75 (Equivalent length 90m)	75 (Equivalent length 90m)	75 (Equivalent length 90m)	75 (Equivalent length 90m)	75 (Equivalent length 90m)
Max. installation level difference			m	30	30	30	30	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 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 INVERTER TYPE (COOLING ONLY)

INVERTER R-32

Model Name	Indoor unit				FDMF50BRV16	FDMF71BRV16	FDMF90BRV16	FDMF100BRV16
	Outdoor unit				RZMF50BRV16	RZMF71BRV16	RZMF90BRV16	RZMF100BRV16
Power supply					1 Phase, 220-240 V, 50 Hz	1 Phase, 220-240 V, 50 Hz	1 Phase, 220-240 V, 50 Hz	1 Phase, 220-240 V, 50 Hz
Tonnage Range					1.42 TR	2 TR	2.5 TR	2.8 TR
Cooling capacity -Rated (min ~max)				kW	5.2 (2.3-5.6)	7.1 (3.2-8.0)	9.0 (4.5-10.1)	10.5 (5.0-11.2)
Power consumption	Cooling-Rated			kW	1.600	2.150	2.700	3.330
ISEER / Stars/COP				Wh/Wh	3.25	3.30	3.33	3.15
Indoor Unit	Airflow rate (H/M/L)			m^3/min	18/15/12.5	23/19.5/16	32/27/22.5	32/27/22.5
				cfm	635/530/441	812/689/565	1130/935/795	1130/935/795
	Sound level (H/L)			dB(A)	33/29/26	38/36/34	38/34/32	38/34/32
	Dimensions (HXWXD)			mm	300x1000x700	300x1000x700	300x1400x700	300x1400x700
	Machine weight			kg	34	34	43	43
Outdoor Unit	Compressor	Type			Hermetically Sealed Swing Type	Hermetically Sealed Swing Type	Hermetically Sealed Swing Type	Hermetically Sealed Swing Type
		Motor output		kW	1.3	1.3	1.6	1.6
	Refrigerant				R-32	R-32	R-32	R-32
	Refrigerant charge			kg	1.09(Charged For 15m)	1.3(Charged For 15m)	2.8(Charged For 30m)	2.8(Charged For 30m)
	Sound level	Cooling		dB(A)	48	50	51	51
	Dimensions (HXWXD)			mm	595x845x300	595x845x300	990x940x320	990x940x320
	Machine weight			kg	36.5	40	57	57
	Certified operation range			°CDB	19 to 48	19 to 48	19 to 48	19 to 48
Piping connections	Liquid (Flare)			mm	Ø9.5	Ø9.5	Ø9.5	Ø9.5
	Gas (Flare)			mm	Ø15.9	Ø15.9	Ø15.9	Ø15.9
	Drain			mm	VP25 (I.D Ø25 , O.D Ø32)	VP25 (I.D Ø25 , O.D Ø32)	VP25 (I.D Ø25 , O.D Ø32)	VP25 (I.D Ø25 , O.D Ø32)
Max. interunit piping length				m	Ref Piping Max Length -30	Ref Piping Max Length -30	50 (Equivalent length 70)	50 (Equivalent length 70)
Max. installation level difference				m	20	20	30	30

DUCT CONNECTION MIDDLE AND HIGH STATIC PRESSURE INVERTER TYPE (COOLING ONLY)

INVERTER R-32

Model Name	Indoor unit / Outdoor unit			FDMF125BRV16 / RZMF125BRV16	FDMF140BRV16 / RZMF140BRV16	FDMF125BRV16 / RZMF125BRY16	FDMF140BRV16 / RZMF140BRY16
Power supply				1 Phase, 220-240 V, 50 Hz	1 Phase, 220-240 V, 50 Hz	IDU 1 Phase/ODU 3 Phase, 380-415 V, 50 Hz	IDU-1phase /ODU 3 Phase, 380-415 V,50 Hz
Tonnage Range				3.5 TR	4 TR	3.5 TR	4 TR
Cooling capacity -Rated (min ~max)			kW	12.5(5.7-14.0)	14.0 (6.2-15.4)	12.5(5.7-14.0)	14.0 (6.2-15.4)
Power consumption	Cooling-Rated		kW	4.700	6.100	4.400	5.700
ISEER / Stars/COP			Wh/Wh	2.66	2.3	2.84	2.46
Indoor Unit	Airflow rate (H/M/L)		m^3/min	40/34/28	40/34/28	40/34/28	40/34/28
			cfm	1412/1200/989	1412/1200/989	1412/1200/989	1412/1200/989
	Sound level (H/L)		dB(A)	42/39/35	42/39/35	42/39/35	42/39/35
	Dimensions (HXWXD)		mm	300x1400x700	300x1400x700	300x1400x700	300x1400x700
	Machine weight		kg	45	45	45	45
Outdoor Unit	Compressor	Type		Hermetically Sealed Swing Type	Hermetically Sealed Swing Type	Hermetically Sealed Swing Type	Hermetically Sealed Swing Type
		Motor output	kW	2.4	2.4	2.4	2.4
	Refrigerant			R-32	R-32	R-32	R-32
	Refrigerant charge		kg	3.1 (Charged For 30m)	3.1 (Charged For 30m)	3.1 (Charged For 30m)	3.1 (Charged For 30m)
	Sound level	Cooling	dB(A)	55	55	55	55
	Dimensions (HXWXD)		mm	990x940x320	990x940x320	990x940x320	990x940x320
	Machine weight		kg	69	69	69	69
	Certified operation range		°CDB	19 to 48	19 to 48	19 to 48	19 to 48
Piping connections	Liquid (Flare)		mm	Ø9.5	Ø9.5	Ø9.5	Ø9.5
	Gas (Flare)		mm	Ø15.9	Ø15.9	Ø15.9	Ø15.9
	Drain		mm	VP25 (I.D Ø25 , O.D Ø32)	VP25 (I.D Ø25 , O.D Ø32)	VP25 (I.D Ø25 , O.D Ø32)	VP25 (I.D Ø25 , O.D Ø32)
Max. interunit piping length			m	50 (Equivalent length 70)	50 (Equivalent length 70)	50 (Equivalent length 70)	50 (Equivalent length 70)
Max. installation level difference			m	30	30	30	30

DUCT CONNECTION MIDDLE AND HIGH STATIC PRESSURE TYPE (Heat Pump)

INVERTER R-410A

				71	100	125	140	100	125	140
Model Name	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)	37/32	38/33	40/36	40/36	38/33	40/36	40/36
	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)

Model Name				100
	Indoor unit			FAQ100CVEA
	Outdoor unit			RZR100LUY1
Power supply Cooling capacity (Rated) (Min. - Max.)				3 Phase, 380-415V, 50 Hz
			kW	10.0 (5.0-11.2)
Power consumption		Cooling (Rated)	kW	4.2
Indoor unit	Colour			Fresh White
	Airflow rate (H/M/L)		cfm	918/812/671
	Sound level (H/M/L)*3		dB(A)	49/45/41
	Dimensions (HxWxD)		mm	340x1,200x240
	Machine weight Unit		kg	17
Outdoor unit	Colour			Ivory white
	Compressor	Type		Hermetically sealed scroll type
	Motor output		kW	2.1
	Refrigerant charge (R-410A)		kg	2.7 (Charged for 30m)
	Sound level	Cooling	dB(A)	49
	Dimensions (HxWxD)		mm	1,170×900×320
	Machine weight		kg	92
	Certified Operation range		°CWB	21 to 46
Piping connections	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)

Model Name				100
	Indoor unit			FAQ100CVEA
	Outdoor unit			RZQ100HAY4A
Power supply				3 Phase, 380-415V, 50 Hz
Capacity (Rated)Min-Max		Cooling	kW	10.0 (5.0-11.2)
		Heating	kW	11.2 (5.1-12.8)
Power consumption		Cooling	kW	3.19
		Heating	kW	3.44
Indoor unit	Colour			Fresh White
	Airflow rate (H/M/L)		cfm	918/812/671
	Sound level (H/M/L)*3		dB(A)	49/45/41
	Dimensions (HxWxD)		mm	340x1,200x240
	Machine weight		kg	17
Outdoor unit	Colour			Ivory white
	Compressor	Type		Hermetically sealed scroll type
	Motor output		kW	2.1
	Refrigerant charge (R-410A)		kg	4.3 (Charged for 30m))
	Sound level	Cooling	dB(A)	49
		Heating	dB(A)	51
	Dimensions (HxWxD)		mm	1,345x900x320
	Machine weight		kg	108
	Certified Operation range	Cooling	°CWB	-5 to 46
		Heating	°CWB	-15 to 15
Piping connections	Liquid (Flare)		mm	Ø9.5
	Gas (Flare)		mm	Ø15.9
	Drain		mm	Ø26.0 (Hole)
Max. interunit piping length			m	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.

FLOOR STANDING (Cooling Only)

R-410A

Model					INDOOR	FVRN71AXV16	FVRN100AXV16	FVRN125AXV16	FVRN140AXV16
					OUTDOOR	RR71CGXY1A6	RR100DGXY16	RR125DGXY16	RR140DGXY16
Nominal 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
Nominal Total Input Power (Cooling)					w	2750	4050	4750	5490
Nominal Running Current (Cooling)					A	13	7.07	8.29	9.35
Power Source					V/Ph/Hz	380-415 / 3 / 50			
Refrigerant Control (Expansion Device)						OUTDOOR CAPILLARY TUBE			
Refrigerant Type						R410A			
Indoor	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 Dimension		mm	HEIGHT		753	852	852	852
			mm	WIDTH		855	1030	1030	1030
			mm	DEPTH		328	400	400	400
	Unit Weight			kg		56	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			100	125	140
	Indoor unit		FVQN100AXV1	FVQN125AXV1	FVQN140AXV1
	Outdoor unit		RQ100DGXY1	RQ125DGXY1	RQ140DGXY1
Rated Cooling Capacity		Btu/h	40000	45000	55000
		kW	11.72	13.19	16.12
Rated EER		W/W		2.82	2.94
		Btu/h	42000	46000	54500
Rated Heating Capacity		kW	12.31	13.48	16
Rated COP		W/W	3.14	3.02	3.01
Indoor unit	Power Supply	V/Ph/Hz	220-240/1/50		
	Air Flow	cfm	1035/945/845		1170/1085/985
	Sound Pressure Level	dBA	49/47/44	50/48/46	54/53/51
	Height	mm	1850		
	Width	mm	600		
	Depth	mm	350		
	Net Weight	kg	45	48	51
Outdoor unit	Power Supply	V/Ph/Hz	380-415/3/50		
	Sound Pressure Level	dBA	58	60	65
	Height	mm		852	
	Width	mm		1030	
	Depth	mm		400	
	Net Weight	kg	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-32

	Product Category	Unit	LSP DUCT SERIES			MSP DUCT SERIES			
UNIT	Nominal Capacity	TR	1.0	1.5	2.0	2.5	2.8	3.5	4.0
	Rated Capacity	Watt	3516	5274	7032	8790	9845	12306	14064
	Rated Power Input	Watt	1090	1740	2050	2710	3120	3950	4630
	EER/COP	W/W	3.23	3.03	3.43	3.24	3.16	3.12	3.04
	BEE Star Applicable	-------	NA	NA	NA	NA	NA	NA	NA
	Operating Range	IDU (DB/WB)	19/14~35/24			19/14~35/24			
		ODU	19~48			19~48			
	Refregerant	-------	R32			R32			
Indoor Unit	**Model Name**	-------	FDBF12CRV16	FDBF18CRV16	FDBF24CRV16	FDMF30CRV16	FDMF36CRV16	FDMF42CRV16	FDMF48CRV16
	Casing Size(HXWXD)	MM	250X880X605		250X1130X605	295X1430X665			295X1730X665
	Casing Color	-------	Unpainted			Unpainted			
	Power Supply	V/Hz/Ph	230V/50/1ph			230V/50/1ph		415V/50/3ph	
	Air Flow Rate	CFM/(H)	400	600	800	1000	1200	1400	1500
	ESP	Pa	20			20	30	40	50
	Fan Speed	No	3			3	3	3	3
	Sound Pressure Level(Hi)	(dBA)	36	39	43	43	42	42	49
	Remote Controller(With IDU)	-------	Wired Type						
	Unit Weight	Kg	28	24	34	48	51	51	60
Outdoor Unit	**Model Name**	-------	RGF12CRV16	RGF18CRV16	RGF24CRV16	RGF30CRV16	RGF36CRV16	RGF42CRY16	RGF48CRY16
	Casing Color	-------	IVORY WHITE						
	Casing Size(HXWXD)	MM	550X765X285	595X845X300		990X940X320			
	Power Supply	V/Hz/Ph	230V/50/1			230V/50/1ph		415V/50/3ph	
	Max Total Pipe Length	Mtr.	20			20		30	
	Max Vertical Pipe Length	Mtr.	10			10		15	
	Std Pipe Length	Mtr.	7.5			7.5			
	Sound Pressure Level	(dBA)	51	54	56	58	63		
	Precharge & Service Valve	YES/NO	Yes			YES	YES	YES	YES
	Protection Device	-------	Inbuilt TOP Comp & Motor			Inbuilt TOP Comp & Motor		LP/HP/SPPR/UV/OV	
	Piping Size (MM)	Gas	12.7		15.9	15.9			
		Liquid	6.4			9.5			
	Compressor Type	Type	Rotary			Rotary		Scroll	
	Accumulator	-------	Part of Compressor			Part of Compressor		No	
	HE Type/Coating	Type	FTHX(Precoated)			FTHX(Precoated)			
	Weight (Approx)	Kg	30	36	45	63	65	69	69
	Installation Kit	Yes/No	No			No			

CEILING SUSPENDED TYPE

INVERTER R-410A

Name of option	Remark		Kit name	
			FHQ100BVV1B	FHQ125BVV1B
Replacement long-life filter	Resin net		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

		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

Name of Option	Remark		Kit Name
			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

Model Details			<DUCT TYPE>				
			FXMQ40A-RV1(6)	FXMQ50A-RV1(6)	FXMQ63A-RV1(6)	FXMQ80A-RV1(6)	FXMQ100A-RV1(6)
			FXMRQ40A-RV16	FXMRQ50A-RV16	FXMRQ63A-RV16	FXMRQ80A-RV16	FXMRQ100A-RV16
High Efficiency Filter	65%	Type	KAF372AA56		KAF372AA80		
Filter Chamber		Type	BDDF37A40-6		BDDF37A80-6		
Long Life replacement filter		Type	KAF371AA56		KAF371AA80		
Suction Flange			BDF37A40-6		BDF37A480-6		
Service Panel			KTBJ25K56W		KTBJ25K80W		
			KTBJ25K56F		KTBJ25K80F		
			KTBJ25K56T		KTBJ25K80T		
Air discharge adaptor			KDAJ25K56A		KDAJ25K71A		
Remote Controller	Wireless type	Cooling Only	BRC4C66				
		Heat Pump	BRC4C66				
	Wired type[2]		BRC1E62				
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(2)			KRP4AA51*				
Remote sensor			KRCS01-4B				
Mounting plate for adaptor PCB (Note: 1, 2, 3)			KRP4A98				
Central remote controller (Note: 4)			DCS302CA61				
Unified ON/OFF controller (Note: 4)			DCS301BA61				
Schedule timer (Note: 4)			DST301BA61				
Intelligent Touch Controller (Note: 4)			DCS601C51				

Notes:
1 Mounting Plate is necessary for each adaptor marked*
2 Up to 2 adaptors can be fixed for each mounting plate
3 Only one mounting plate can be installed for each indoor unit .
4 The Indoor Unit is equipped standardly with the interface adaptors for sky air series .
the interface adaptor for skyair series is not necessary for this indoor unit since it is equipped as standard.
5 Model FDMF50~140BRV16 are Cooling only

DUCT CONNECTION MIDDLE & HIGH STATIC PRESSURE TYPE

INVERTER R-410A

Name of option	Remark		Kit name					
			FDMF-50BRV16	FDMF-70BRV16	FDMF-90BRV16	FDMF-100BRV16	FDMF-125BRV16	FDMF-140BRV16
High-efficiency filter[1]	(Colorimetric method 65%)		KAF372AA80		KAF372AA160			
	(Colorimetric method 90%)		KAF373AA80		KAF373AA160			
Filter chamber			KDDF37AA80		KDDF37AA160-6			
Replacement long-life filter			KAF371AA80		KAF371AA160			
Replacement long-life filter chamber kit			KAF375AA80		KAF375AA160			
Suction Flange			BDF37A140-6					
Service panel			KTB25KA80W		KTB25KA160W			
			KTBJ25K80F		KTBJ25K160F			
			KTBJ25K80T		KTBJ25K160T			
Air discharge adaptor			KDAJ25K71A		KDAJ25K140A			
Remote Controller	Wireless type	Cooling Only	BRC4C66					
		Heat Pump	BRC4C66					
	Wired type[2]		BRC1E62					
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(2)			KRP4AA51*					
Remote sensor			KRCS01-4B					
Mounting plate for adaptor PCB (Note: 1, 2, 3)			KRP4A98					
Central remote controller (Note: 4)			DCS302CA61					
Unified ON/OFF controller (Note: 4)			DCS301BA61					
Schedule timer (Note: 4)			DST301BA61					
Intelligent Touch Controller (Note: 4)			DCS601C51					

Notes:
1 Mounting Plate is necessary for each adaptor marked*
2 Up to 2 adaptors can be fixed for each mounting plate
3 Only one mounting plate can be installed for each indoor unit .
4 The Indoor Unit is equipped standardly with the interface adaptors for sky air series .
the interface adaptor for skyair series is not necessary for this indoor unit since it is equipped as standard.
5 Model FDMF50~140BRV16 are Cooling only

FLOOR STANDING TYPE

INVERTER R-410A

Name of option	Remark	Kit name		
		FVQ100CVEB	FVQ125CVEB	FVQ140CVEB
Replacement long-life Iter		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

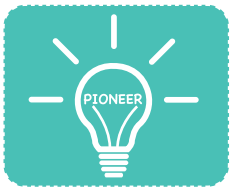
Daikin takes pride in providing its customers with efficient after sales support, including readily available spare parts warehoused in India.

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.

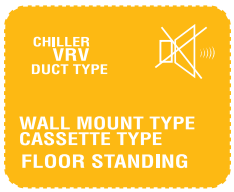


Pioneer in air-conditioners

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

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