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MINIVRV | APRIL2022



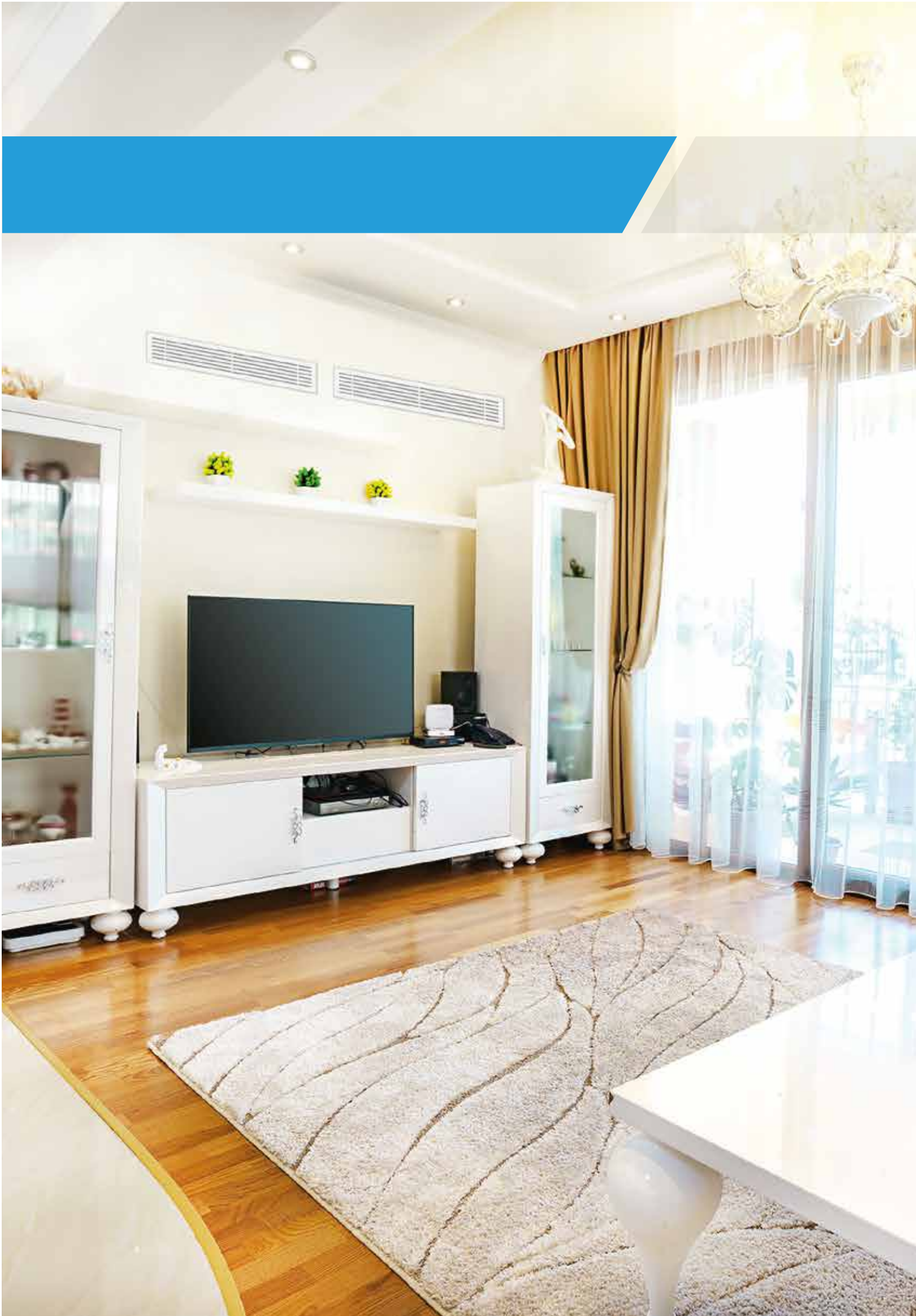
STANDRAD AMBIENT CLIMATE



VRV IV S-series

NEW MINI VRV SERIES PROVIDING
PERFECT COMFORT FOR HOME





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ABOUT DAIKIN

EXPLORING NEW R&D FRONTIERS

At Daikin®, we are a leading innovator and provider of advanced, high-quality air-conditioning solutions for residential applications.

As World's leading air conditioning company, we are committed to delivering air-conditioning solutions that enhance the quality of life all around the World. Daikin Industries Ltd., a diverse multinational company active in air-conditioning, chemicals and oil hydraulics, was established in 1924. With headquarters in Osaka, Japan, our Daikin family has more than 67,000 members, working across 80 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, we advocate comfortable living on the strength of advanced technologies.

We are present in the USA, Europe and Russia, the Middle East, Africa, Asia, Oceania and Middle-South America. We aim to serve our customers in each of these markets by providing optimal air-conditioning solutions.

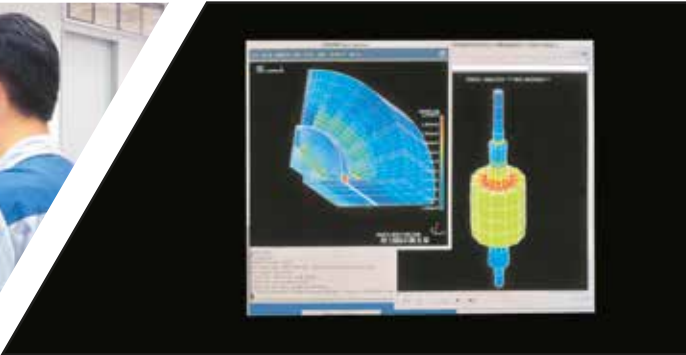


At Daikin, we are creating value through innovative technologies. As a global industry front-runner, we are carrying out research and development on the world's most advanced air conditioning technology. Our strong R&D edge has helped us create futuristic products that enrich people's lives.

Formation of a three-division system of research, IT, and development to support our superior products. To create more advanced functions and new value, we have instituted specialized R&D divisions: the 'Environmental Technology Research Laboratory' and the 'Solution Product Development Centre'.



Environmental Technology Research Laboratory: Intensive Research on Environmentally Conscious, Energy Saving Air Conditioning Technology.



The Solutions Product Development Centre: Integrating Air Conditioners with IT.



MINI VRV S

INTRODUCTION

MINI VRV S is the ideal air conditioning system as it replaces multiple outdoor units with only one unit maintaining the picturesque view of the building. MINI VRV S is ideally suited for residences as it offers a range of indoor units, which can be connected with a centralized outdoor unit.

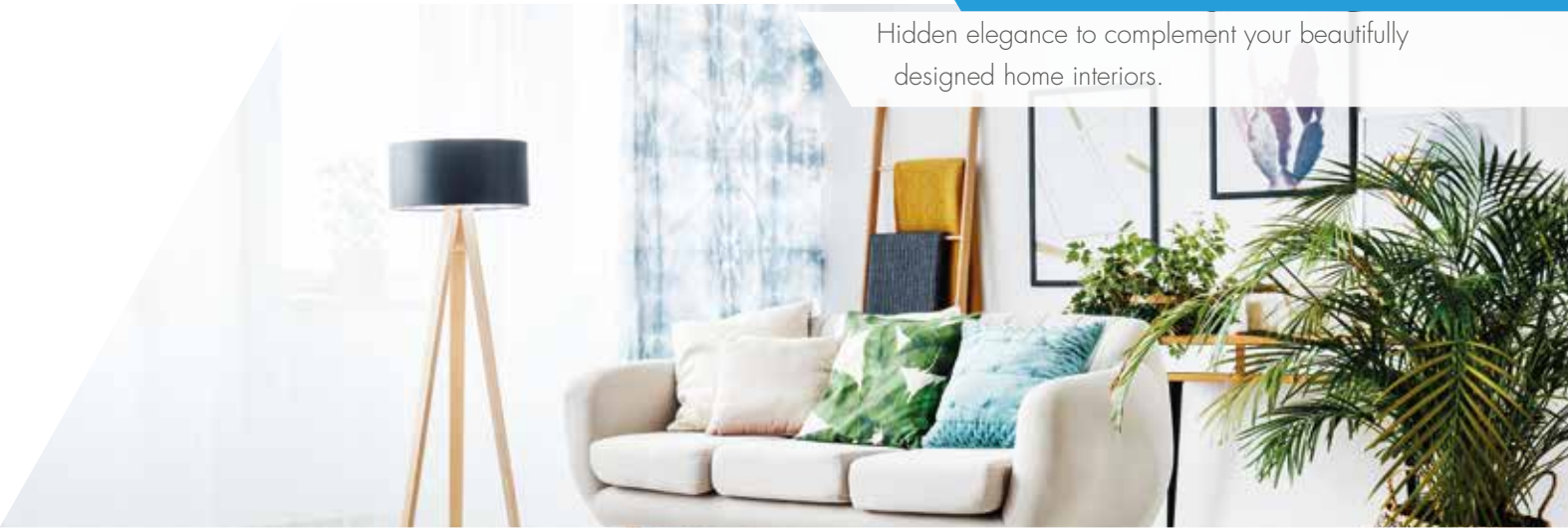
NEW LIFE STYLE

Redefining Home Air Conditioning
A complete solution that provides Cooling/Heating, Comfort, Control and Convenience in one single system.



CONCEALED

Hidden elegance to complement your beautifully designed home interiors.



MINI VRV S

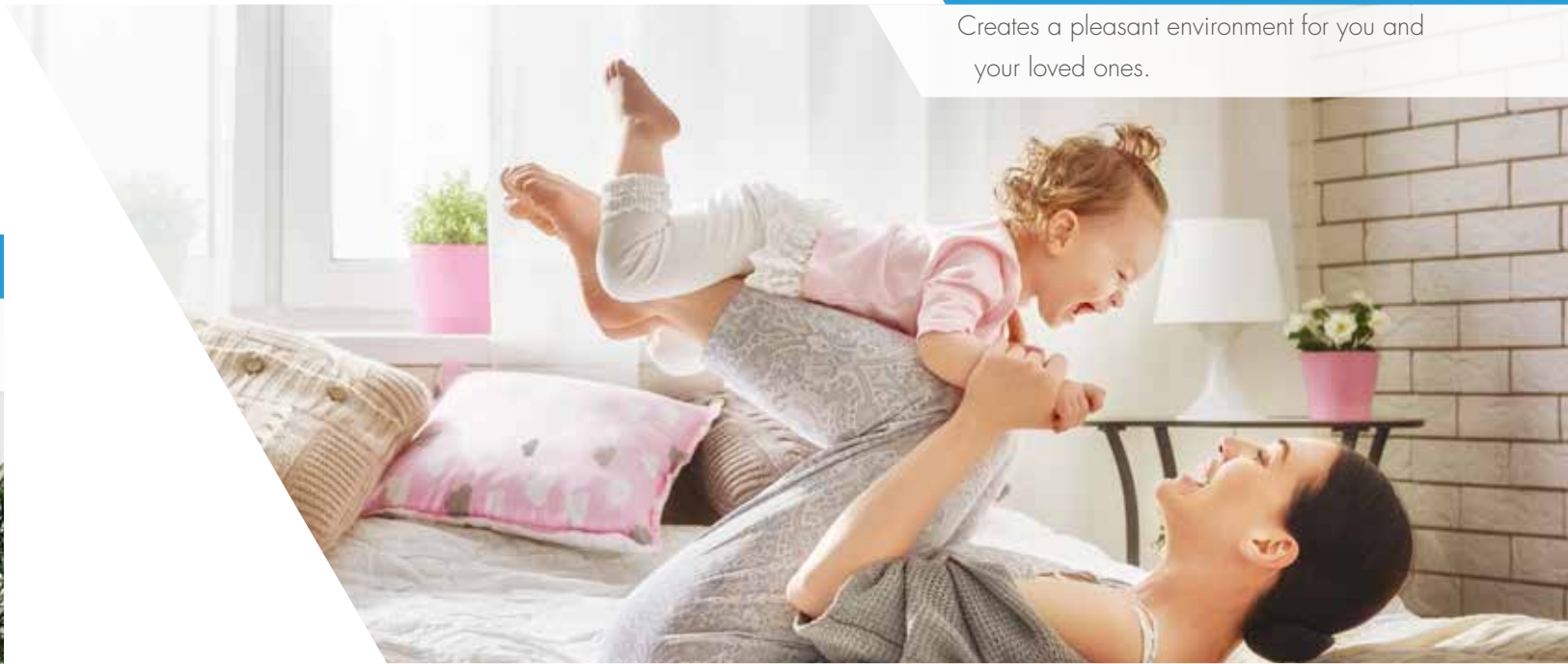
CONTEMPORARY

Creative and modern design to fit your personal heaven.



CARING

Creates a pleasant environment for you and your loved ones.



APPLICATION

CENTRALIZED HOME AIR CONDITIONING

In a conventional split air-conditioning system, a house requires same number of outdoor units and indoor units. For example, a place with four rooms will have four indoor units and four outdoor units.

An apartment or a house that does not have sufficient space will find difficult to accommodate numerous outdoor units. Even if the outdoor units are somehow crowded together they will consume a lot of space, look cluttered and ruin the aesthetics of the house.

MINI VRV S replaces all the outdoor units of the house with just one outdoor unit. A total of 19 indoor units can be connected to one outdoor unit to create the space you have always desired. Also you have different styles of indoor units like duct type and wall mounted type that can be connected with a single outdoor unit. Furthermore, actual piping length of up to 120 meters coverage of widespread spaces is ensured.

MINI VRV S is the ideal air-conditioning system as it replaces multiple outdoor units with only one unit maintaining the picturesque view of the building. MINI VRV S ideally suited for small villas, houses or high-raised residences as well as for offices, shops and gyms as it offers panoply of indoor units, which can be connected with only one outdoor unit.



APPLICATION



OUTDOOR UNIT CAN BE INSTALLED ON A BALCONY

The compact, trunk-shaped outdoor unit can easily be installed on a balcony, realizing complete system installation within each floor. This enables more useful utilization of the space on the building rooftop.

OUTDOOR UNIT CAN BE INSTALLED ON MECHANICAL ROOM

MINI VRV S outdoor unit can achieve high external static pressure up to 40 Pa (for 6 & 8 HP), ensuring the efficient heat dissipation and stable operation in case of using ducts or louvers

OUTDOOR UNIT CAN BE INSTALLED ON THE ROOF

Low height casing design of 870 mm for 6 & 8 HP models saves roof space by up to 41% as compared to a standard two-fan Mini VRV series due to possibility of stacked installation of two VRV outdoor units using special **Daikin Duplex Mounting Bracket** (option)

Variety of installation options (in limited roof space, in mechanical room, in balcony) makes MINI VRV S ideal product for small villas, houses or high-raised residences as well as for offices, shops and gyms.



MAIN FEATURES

-  RELIABILITY
-  ENERGY EFFICIENCY
-  EASY INSTALLATION
-  USER COMFORT
-  LOW NOISE
-  DESIGN FLEXIBILITY
-  CONTEMPORARY

OUTDOOR LINE-UP

6 models: Outdoor unit can be selected from six models to provide the power that suits your needs. The trunk-shaped outdoor unit can be neatly installed outside.

		Capacity(HP)					
Model Name	Product Image	4	5	6	8	10	12
RXQ-ARV1 1 phase power supply Side Discharge, Single Fan		▲	▲				
RXMQ-ARV1 1 phase power supply Side Discharge, Single Fan				▲			
RXMQ-ARY1 3 phase power supply Side Discharge, Single Fan					●		
RXMQ-ARY1 3 phase power supply Side Discharge, Double Fan						●	●

Note
▲ - 1 phase power supply
● - 3 phase power supply

SINGLE-PHASE POWER SUPPLY

The 4, 5 & 6 HP Outdoor Units, as well as indoor units, operate on a single-phase power supply. This enables MINI VRV S adaptation at residences where 3 phase power supply is not available.

RELIABILITY

PCB BOARD PROTECTION*

Refrigerant cooling technology ensures the stability of PCB temperature & improves reliability at high ambient temperatures. It is possible to cool the inverter power module stability even at high ambient temperature. This helps to keep air-conditioning capacity and also ensures efficient and reliable operation. In addition to stable cooling, Refrigerant Cooling Circuit prevents PCB board from dust, water, and small animal entering, making this design solution ideal for hot desert climate compared to traditional air-cooled PCB Boards.

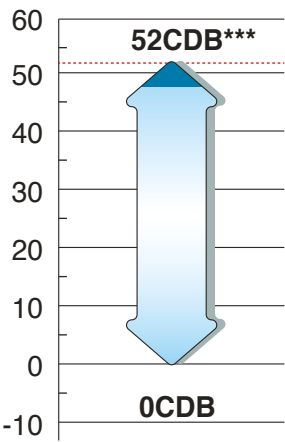


Wide Area Heat Exchanger is designed to ensure delivery of required capacity at any ambient conditions. Heat Exchanger Fins are covered with Blue Film which consists of corrosion resistance layer covered with hydrophilic surface treatment coating to withstand harsh environment conditions. **

WIDE OPERATION TEMPERATURE RANGE

The versatile operation range of the MINI VRV S system works to reduce limitations on installation locations. The operation temperature range for cooling goes all the way up to 52C*** due to the adoption of a high-pressure dome-type compressor

Note
* Applicable for bigger models (starting from 6 HP)
** In case units are located in coastal areas, additional coating will be required. Contact your local distributor for more details about available options.
*** Applicable for 6 & 8 HP Units; 10 & 12 HP units can operate up to 50 deg.C; 4 & 5 HP Units - up to 49 deg.C



ENERGY EFFICIENCY



HIGH EFFICIENT COMPRESSOR TO ACHIEVE HIGH COP

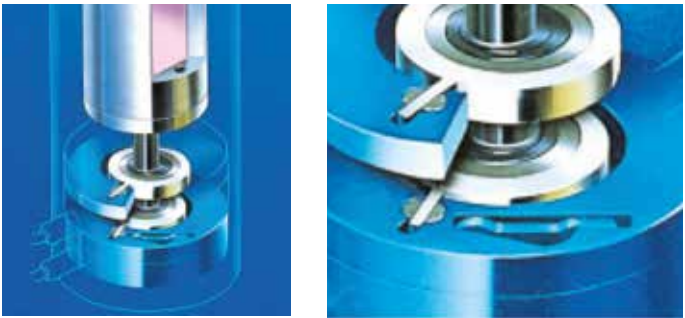
One of the top features of MINI VRV S is its energy efficiency. It achieves high COP especially at part load.

COMPRESSOR EQUIPPED WITH RELUCTANCE DC MOTOR

MINI VRV S Outdoor Units are equipped with the Reluctance DC motor for the compressor. The Reluctance DC motor uses 2 different types of torque, neodymium magnet*1 and reluctance torque*2. This motor can save energy because it generates more power with a smaller electric power than an AC or conventional DC motor.

*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.

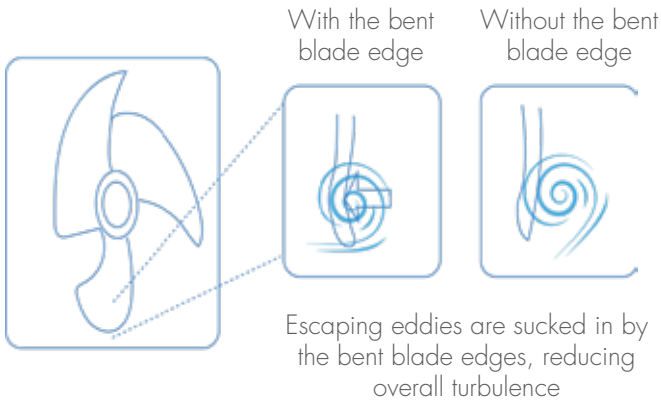
Note: Data are based on studies conducted under controlled conditions at a Daikin laboratory using Daikin products.



LOW NOISE

SMOOTH AIR INLET BELL MOUTH AND AERO SPIRAL FAN

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



NIGHT-TIME QUIET OPERATION FUNCTION

Operation sound level selectable from 3 steps for the night mode

MODE 1 AUTOMATIC MODE

Set on the outdoor PCB. The time of maximum temperature is memorized. The low operating mode will become active 8 hours*1 after the peak temperature in the daytime, and operation will return to normal 10 hours*2 after that. The operation sound level for the night mode can be selected from 47 dB(A) (Step 1), 44 dB(A) (Step 2), and 41 dB(A) (Step 3).

MODE 2 MANUAL MODE

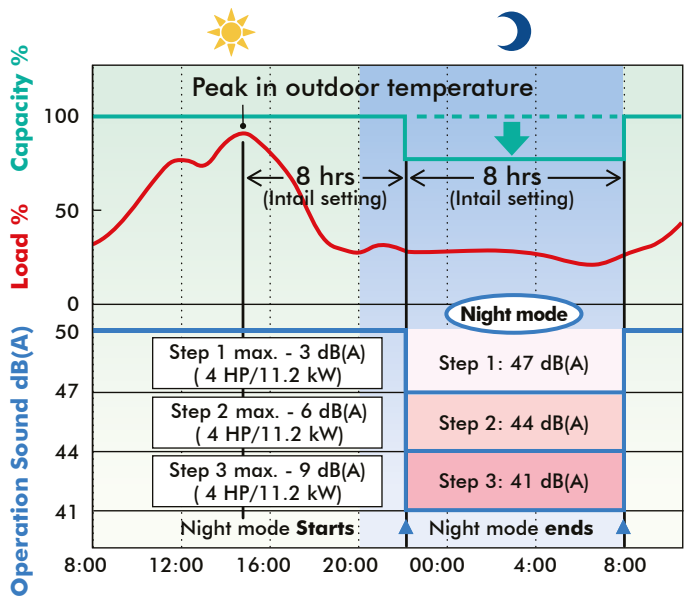
Starting time and ending time can be input. (An external control adaptor for outdoor unit, DTA104A61 or DTA104A62, and a locally obtained timer are necessary.)

MODE 3 COMBINED MODE

Combinations of modes 1 and 2 can be used depending on your needs.

*1. Initial setting. Can be selected from 6, 8 and 10 hours.
*2. Initial setting. Can be selected from 8, 9 and 10 hours.

Mode 1 Automatic mode



Note:

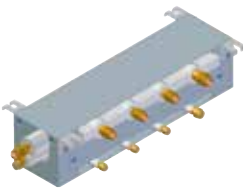
- This function is available in setting at site.
- The relationship of outdoor temperature (load) and time shown in the graph is just an example.
- The capacity reduction rate differs depending on the operation sound level step selected.

EASY INSTALLATION

BRAZING FREE INSTALLATION

Flare connection based header pack and Daikin TightFit Joints eliminate the need for brazing resulting in quick, safe & quality installation.

HEADER PACK



DAIKIN TIGHTFIT JOINTS



Please refer to pages 39-40 for more details or watch the video:



AUTOMATIC REFRIGERANT CHARGE FUNCTION

Contribute to optimized operation efficiency, higher quality and easier installation

Optimized operation efficiency

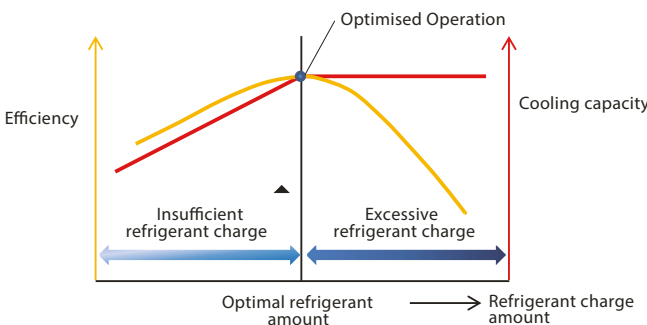
The automatic refrigerant charge function automatically determines the optimal amount of refrigerant to be charged. This function prevents a capacity shortage or energy loss due to excessive or insufficient refrigerant.

Higher quality and easier installation.

The automatic refrigerant charge function automates the charging of the proper refrigerant amount and the closing of shut-off valves with just one press of the switch after pre-charging. simplified installation eliminates excessive and insufficient refrigerant charge amounts due to calculation mistakes, leading to higher installation quality.

AUTOMATIC TEST OPERATION

Simply press the test operation button, and the unit performs an automatic system check, including wiring, shutoff valves, and sensors. The results are returned automatically after the check finishes.



EASY TO HANDLE

In addition, low height makes the center of gravity of the product positioned lower, leading to easier handling and easier delivery without blocking the workers' view. Less than 115 kg for 4, 5, 6, 8 HP Units, which can be carried by two people



DESIGN FLEXIBILITY

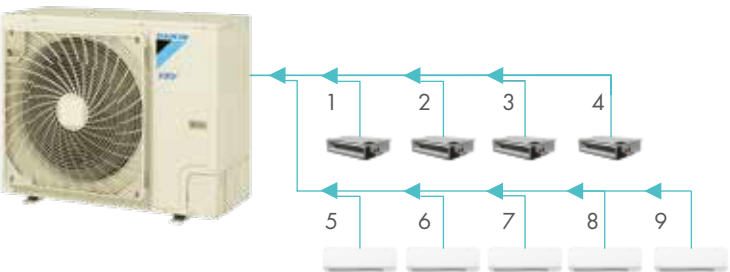


PIPING LENGTH

MINI VRV S series offers broad design flexibility with long refrigerant piping lengths and multiple indoor unit combinations, which provides generous freedom for home design both inside and outside.

AS MANY AS 19 INDOOR UNITS CAN BE CONNECTED TO A SINGLE OUTDOOR UNIT

Multiple indoor unit combinations are possible. As many as 19 indoor units can be connected to a single outdoor unit, making the MINI VRV S remarkably versatile system.



MAX. 19 UNITS

- Max. 13 indoor units for an 8 HP installation
- Max. 16 indoor units for a 10 HP installation
- Max. 19 indoor units for a 12 HP installation

TOTAL PIPING LENGTH MAX. 300 M*

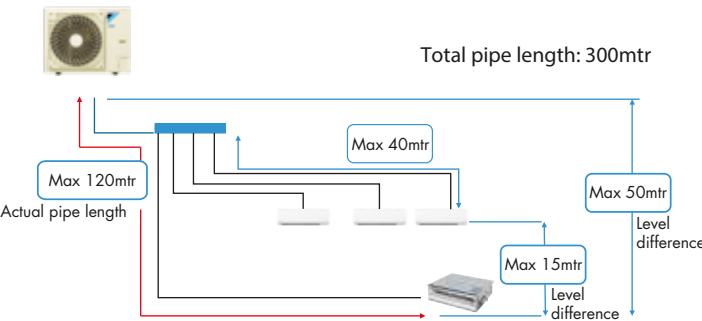
- The level difference between outdoor and indoor unit is 50 m
- Maximum piping length between the indoor unit and the first branch is 40 m.

Note:

* Applicable for the bigger units with the capacity 6 HP and above. Consult technical literature for the details

LONG PIPING DESIGN POSSIBLE*

The MINI VRV S provides a long piping length possibility of 120 m, with a total piping length of 300 m. If the outdoor unit is installed above indoor units, the level difference can be up to a maximum of 50 m. These generous allowances facilitate an extensive variety of system designs.



MAX. 19 UNITS

- Max. 6 indoor units for a 4 HP installation
- Max. 8 indoor units for a 5 HP installation
- Max. 9 indoor units for a 6 HP installation

CONTEMPORARY

USER COMFORT

CENTRALIZED AIR CONDITIONING

MINI VRV S offers centralized Lifestyle Air Conditioning solutions wherein one Outdoor unit can be connected with multiple Indoor units. This system has the flexibility of connecting different types of Indoor units in the same circuit. The suitable Indoor unit that blends with interiors and fulfill cooling requirements can be selected.

CONCEALED & SLEEK IDU DESIGN

■ NEW LIFE STYLE
Technology meets Design



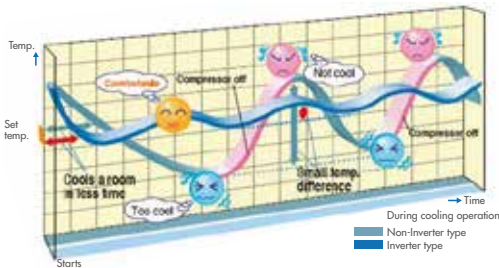
HIDE AND SLEEK

The units are compact and slim enough to fit into any false ceiling, giving you more space and flexibility to create the perfect home you desire. Now, function and aesthetics can live in beautiful harmony.



PRECISE TEMPERATURE CONTROL

The inverter technology provides very close tolerance of the room temperature in the range of ± 0.5 degrees Celcius compared to a conventional system where it is as high as ± 2 degree Celcius. This reduces temperature fluctuation resulting in better human comfort.



NIGHT-TIME QUIET OPERATION

Quietness is an important feature of the MINI VRV S system as it provides luxurious comfort. To reduce noise and realize comfortable operation; The latest technologies and features are applied to the indoor units as well as outdoor unit.

INDOOR UNIT LINE-UP

VRV INDOOR UNITS

A variety of VRV indoor units are enabled in one system, opening the door to stylish and quiet indoor units.

Type	Model Name	Capacity Range HP	0.6	0.8	1	1.25	1.6	2	2.5	3.2	4	5	6
		Capacity Index	15	20	25	32	40	50	63	80	100	125	140
Wall Mounted	FXAQ-ARVM			●	●	●	●	●	●				
Ceiling Mounted Cassette Round Flow	FXFSQ-ARV1				●	●	●	●	●	●	●	●	● NEW
Slim Ceiling Mounted Duct	FXDQ-PDVM			●	●	●							
	FXDQ-NDVM						●	●	●				
Low Static Concealed Ceiling Duct	FXMQ-ARV1						●	●	●	●	●		
High Static Concealed Ceiling Duct	FXMQ-PBV1						● NEW	●	●	●	●	●	
Medium Static Concealed Ceiling Duct	FXSQ-A2VEB		●	●	●	●	●	●	●	●	●	●	●

Wall Mounted Type

FXAQ-ARVM

Stylish flat panel design
harmonized with your interior
decor



Ceiling Mounted Cassette Round Flow

FXFSQ-ARV1

Individual flap control allows flexibility
to suit every room layout without
changing the location of the interior
decor



Slim Ceiling Mounted Duct

FXDQ-PDVM



FXDQ-NDVM



Slim design, quiet and static
pressure switching



Concealed Ceiling Mounted Duct

FXMQ-PBV1



FXMQ-ARV1



FXSQ-A2VEB



Variety of the units with different
external static pressure allow flexible
& concealed installation



WALL MOUNTED

FXAQ20ARVM / FXAQ25ARVM

FXAQ32ARVM / FXAQ40ARVM

FXAQ50ARVM / FXAQ63ARVM



Stylish flat panel design
harmonized with your
interior decor

- Stylish flat panel design creates a graceful harmony that enhances any interior space.
- Flat panels can be cleaned with only a single pass of cloth across their smooth surface.
- Vertical auto-swing realize the efficiency of air distribution. The louver closes automatically when the unit stops.

Low operation sound level

dB(A)

FXAQ-ARVM	20	25	32	40	50	63
Sound Level (H/L)	35/31	36/31	38/31	39/34	42/37	47/41

- Drain pan and air filter can be kept clean by mould-proof polystyrene
- Five steps of discharge angle can be set by remote controller.
- Discharge angel is automatically set at the same angle as the previous operation when restarting. (Initial setting: 10° for cooling.)

Flexible installation

- Drain pipe can be fitted to it from either left or right sides.
- Drain pump kit is available as an optional accessory, which lifts the drain 1,000mm from the bottom of the unit.



VRV INDOOR UNITS

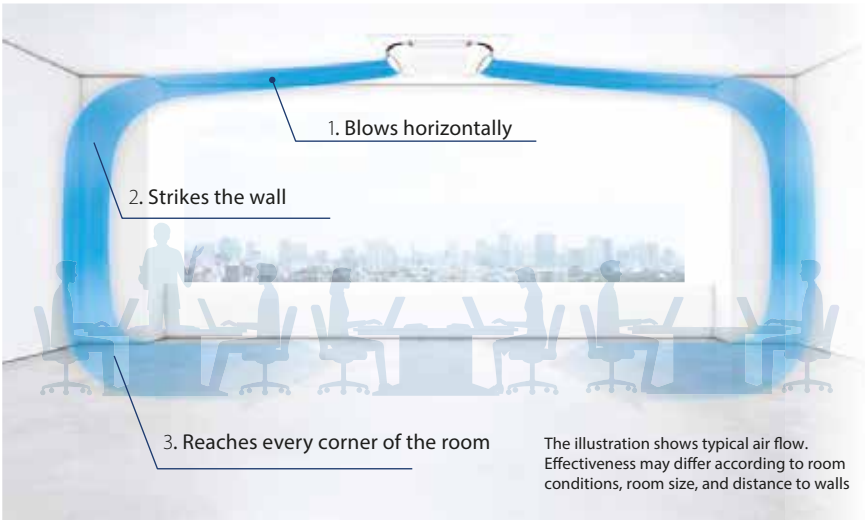
CEILING MOUNTED CASSETTE ROUND FLOW

FXFSQ25ARV1 / FXFSQ32ARV1 / FXFSQ40ARV1
FXFSQ50ARV1 / FXFSQ63A RV1/ FXFSQ80ARV1
FXFSQ100ARV1 / FXFSQ125ARV1 / FXFSQ140ARV1

360 ° airflow improves temperature distribution and offers a comfortable living environment



CIRCULATION AIRFLOW

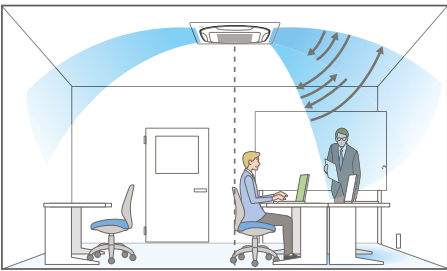


INDIVIDUAL AIRFLOW



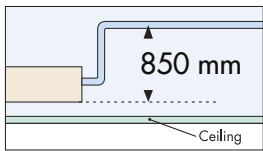
The illustration shows typical airflow.

DIRECT AIRFLOW



Optimal air direction by "Auto" Swing (narrow)

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



VRV INDOOR UNITS

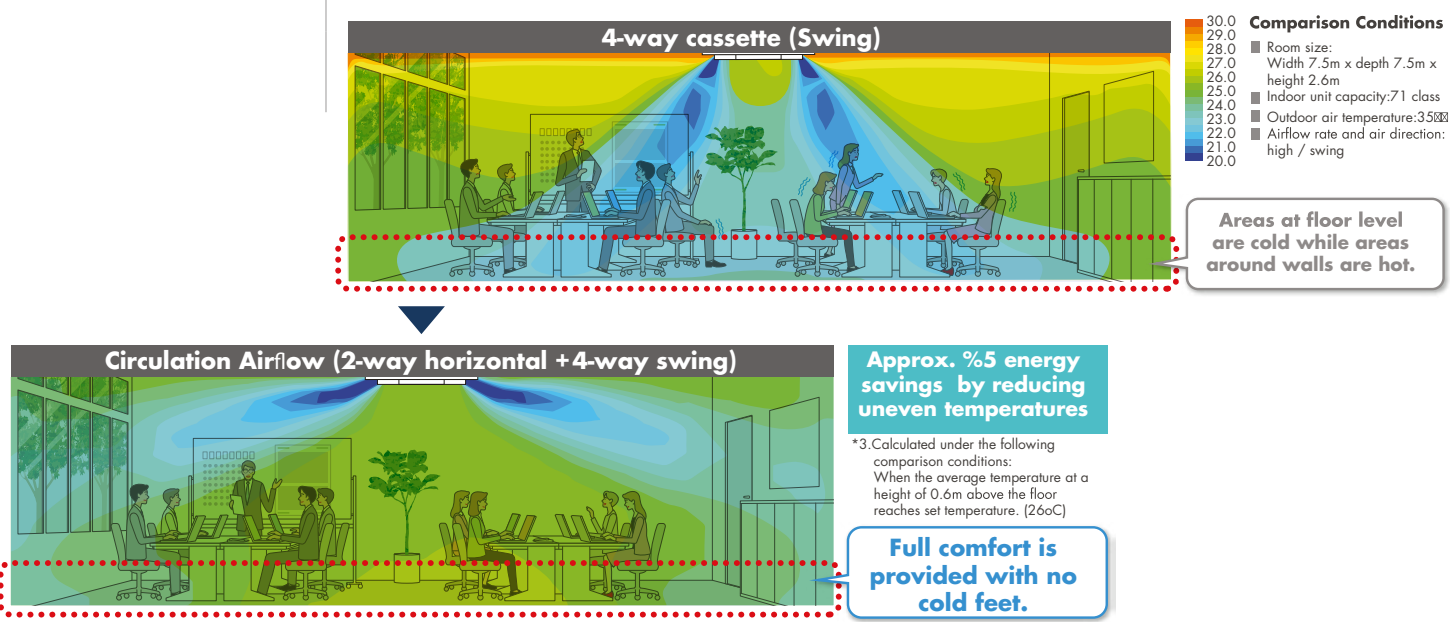
CIRCULATION AIRFLOW

- *1. Applicable when wired remote controller BRC1E63 & BRC1H* is used.
- *2. Not applicable when using individual airflow direction control.
- *3. Applicable when wired remote control

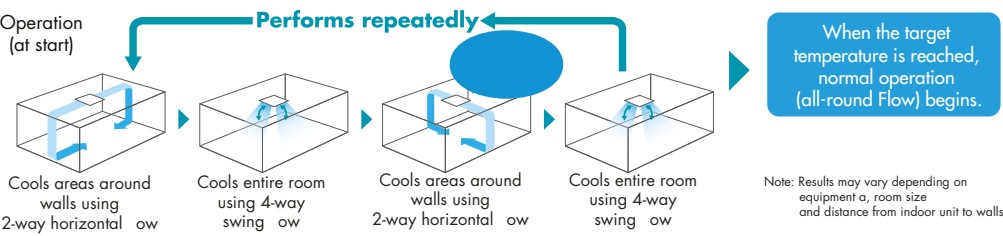
CIRCULATION AIRFLOW COOLS THE ENTIRE ROOM TO DELIVER COMFORT THAT NEVER FEELS COLD.



COMFORT TO THE ENTIRE ROOM WITH EVEN TEMPERATURES AND NO COLD AIR POCKETS AT FLOOR LEVEL



CONFIGURATIONS OF CIRCULATION AIRFLOW



VRV INDOOR UNITS

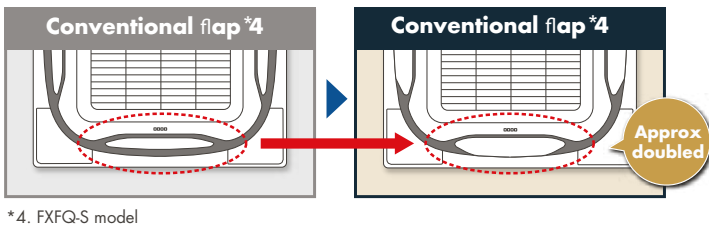
VRV INDOOR UNITS

THREE TECHNOLOGIES THAT ACHIEVED CIRCULATION AIRFLOW

Flow-out is straight, horizontally, and strong, so the air travels far and even reaches the wall from which it falls to the floor. This approach and technology makes circulation airflow possible.

USE OF NEW WIDE FLAPS (STRAIGHT)

Compared to conventional models, the new wide flap increase the straightness of the airflow, so coverage is approximately doubled.



NEW WIDE FLAP CONSTRUCTION INHIBITS CEILING DIRT AND GRIME

by tapering both flap ends, the airflow that causes dirty ceilings is directed downward.

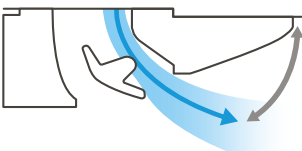


OPTIMIZING AIRFLOW ANGLE (HORIZONTALLY)

Even with the flap raised, a sufficient route is maintained to realize more horizontal airflow angle.

CONVENTIONAL FLAP *4

*4.FXFQ-S model

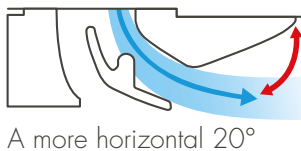


°30 air direction

Cannot blow more than 30° horizontal.

When set to 20° the airflow route get narrow

NEW WIDE FLAP



20° horizontal flow

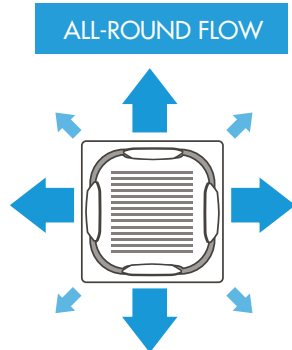
°20 air direction

A more horizontal 20° the realized

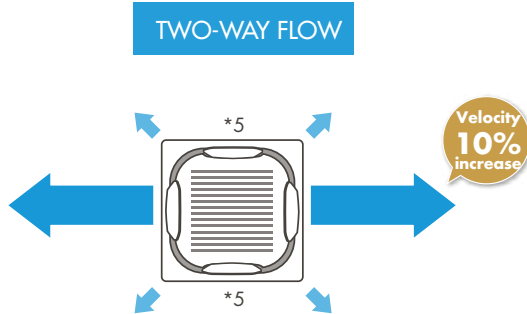
Even at °20, the airflow route is sufficiently maintained.

Increased velocity in 2-way flow (Strongly)

Velocity increased by making 2 way flow, Powerful airflow was realized.



ALL-ROUND FLOW

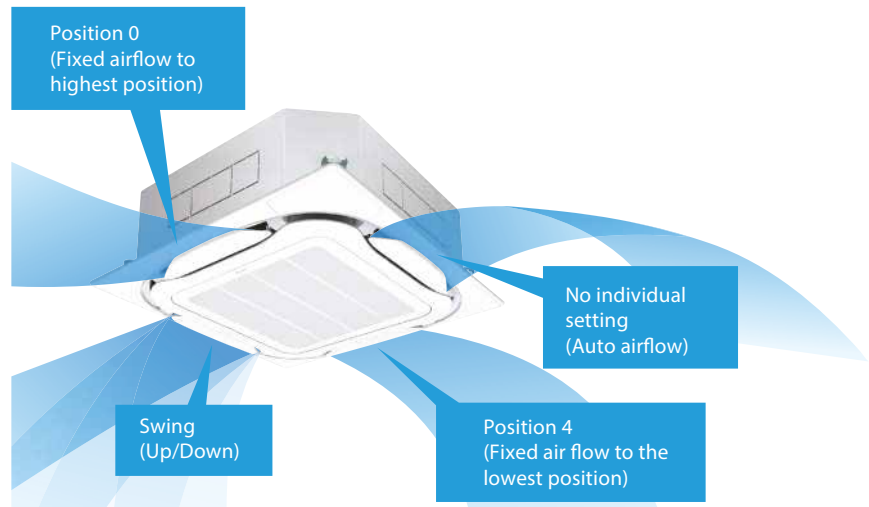


TWO-WAY FLOW

*5. Other 2 outlets are controlled by changing the flap direction (angle) to suppress airflow volume.

Comfortable air conditioning for all room layouts and conditions

Airflow direction can be individually adjusted for each air discharge outlet to deliver optimal air distribution



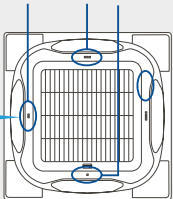
WHEN INDIVIDUAL AIRFLOW IS SELECTED, AIRFLOW DIRECTION CAN BE ADJUSTED TO ROOM LAYOUT.

*1. Applicable when wired remote controller BRC1363 and BRC1H is used.

Easy setting is possible with a wired remote controller.



There are identification marks near the air outlets

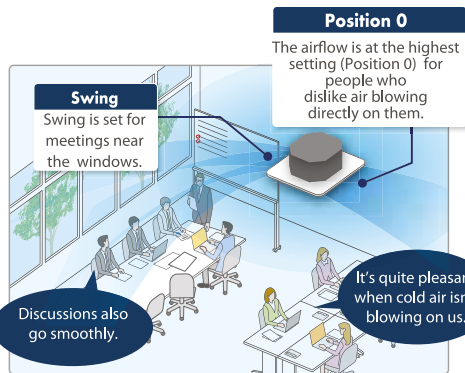
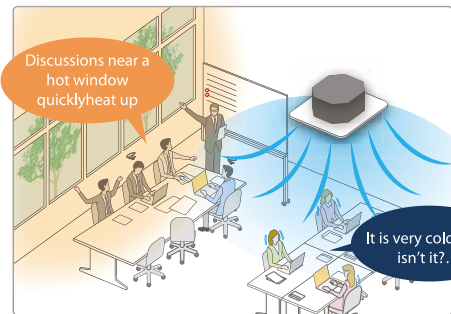


Individual airflow settings

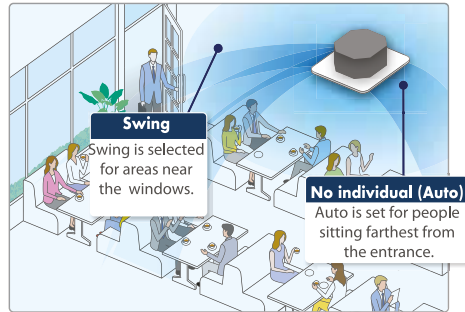
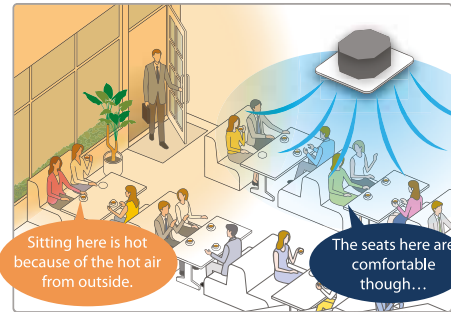
- > No individual setting (auto airflow)
- > Position 0
- > Position 1
- > Position 2
- > Position 3
- > Position 4 (lowest point)
- > Swing

Individual settings are possible,--- as stated above.

For offices



For shops and restaurant



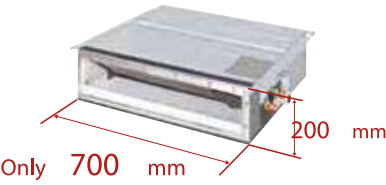
VRV INDOOR UNITS

SLIM CEILING MOUNTED DUCT

Slim design, quietness and static pressure switching

FXDQ20PDVM / FXDQ25PDVM / FXDQ32PDVM

- Only 700mm in width and 23kg in weight, this model is suitable for installation in limited spaces like drop-ceilings in hotel

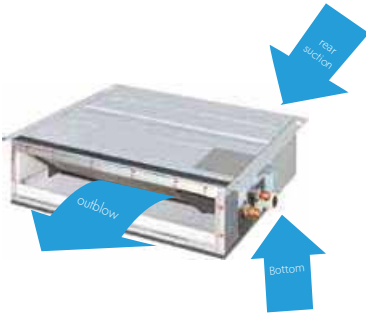


- Control of the airflow rate has been improved from 2-step to 3-step control

Low operation sound level

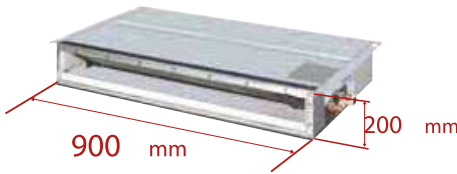
FXDQ PDVM/NDVM	20/25/32	40	50	63
Sound Level (HH/H/L)	33/31/29	34/32/30	35/33/31	36/34/32

- The values of operation sound level represent those for rear suction operation. Sound level values for bottom-suction operation can be obtained by adding 5 dB(A). Values are based on the following conditions: FXDQ-PDVM: external static pressure of 10Pa; FXDQ-NDVM: external static pressure of 15Pa.

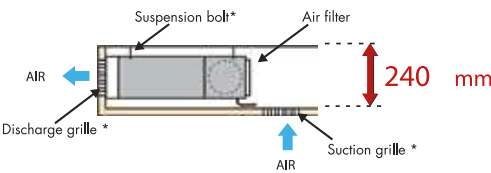


FXDQ40NDVM / FXDQ50NDVM / FXDQ63NDVM

- Only 200mm in height, this model can be installed in rooms with as little as 240mm depth between the drop ceiling and ceiling slab



* 1,100 mm in width for the FXDQ63NDVM model

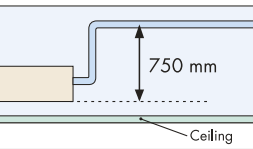


*To be obtained locally

- External static pressure selectable by remote controller switching make this indoor unit a very comfortable and flexible model.

10Pa-30Pa/factory set: 10Pa for FXDQ-PDVM models. 15Pa-44Pa/factory set: 15Pa for FXDQ-NDVM models.

FXDQ - NDVM models are available with a drain pump as a standard accessory



VRV INDOOR UNITS

LOW STATIC PRESSURE CEILING MOUNTED DUCT TYPE

FXMQ40ARV1 / FXMQ50ARV1 / FXMQ63ARV1 / FXMQ80ARV1 / FXMQ100ARV1



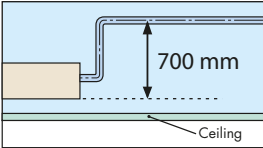
Middle static pressure allows for flexible duct design

- AC fan motor is installed to suit applications where external static pressure is required at nominal capacity

30Pa-50Pa for FXMQ40ARV1
30Pa-60Pa for FXMQ100ARV1

All models are only 300mm in height, an improvement over the 390mm height of conventional models

Drain pump is equipped as standard accessory with 700mm lift



High airflow rate

Airflow rate is optimized to meet broader spectrum of airflow requirements.

Low operation sound level* (db(A))

FXMQ-ARV1	40	50	63	80	100
Sound Level (H/L)	39/37	41/39	42/40	43/41	44/42

*Operation at 50 Hz

Improved ease of maintenance

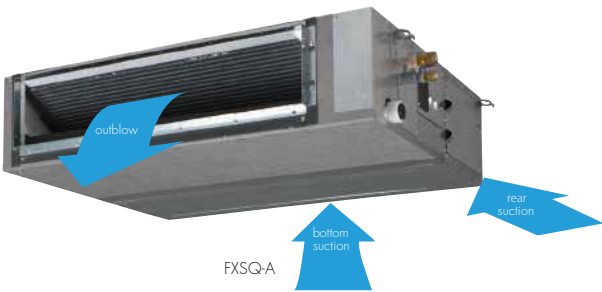
The drain pan can be detached for easy cleaning. An antibacterial treatment that uses silver ions has been applied to the drain pan, preventing the growth of slime, mould and bacteria that cause blockages and odours.



VRV INDOOR UNITS

MEDIUM STATIC CONCEALED CEILING DUCT

FXSQ15A2VEB / FXSQ20A2VEB / FXSQ25A2VEB
FXSQ32A2VEB / FXSQ40A2VEB / FXSQ50A2VEB
FXSQ63A2VEB / FXSQ80A2VEB / FXSQ100A2VEB
FXSQ125A2VEB / FXSQ140A2VEB



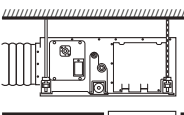
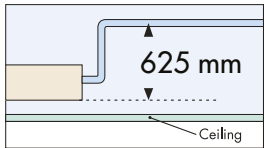
Slimmest yet most powerful medium static pressure unit on the market

- Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge

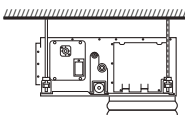


- Quiet operation: down to 25dBA sound pressure level
- Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Discretely concealed in the wall: only the suction and discharge grilles are visible
- 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- Multi zoning kit allows multiple individually-controlled climate zones to be served by one indoor unit
- Optional fresh air intake
- Flexible installation: air suction direction can be altered from rear to bottom suction and choice between free use or connection to optional suction grilles

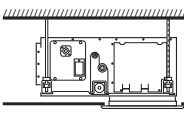
Standard built-in drain pump with 625mm lift increases flexibility and installation speed



For free use into a false ceiling



For connecting onto a suction canvas (not supplied by Daikin)



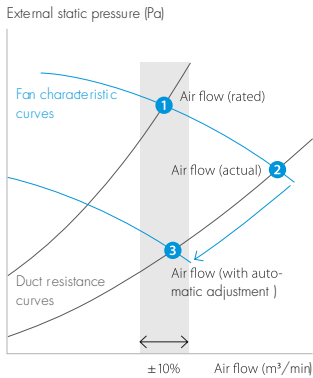
For direct connection to Daikin panel (via EKYBSD kit)

AUTOMATIC AIRFLOW ADJUSTMENT FUNCTION

Automatically selects the most appropriate fan curve to achieve the units' nominal air flow within $\pm 10\%$

Why?

After installation the real ducting will frequently differ from the initially calculated air flow resistance
* the real air flow may be much lower or higher than nominal, leading to a lack of capacity or uncomfortable air temperature Automatic Airflow Adjustment function will adapt the unit's fan speed to any ducting automatically (10 or more fan curves are available on every model), making installation much faster



High Static Concealed Ceiling Duct

FXMQ40PBV1 / FXMQ50PBV1 /
FXMQ63PBV1 / FXMQ80PBV1 /
FXMQ100PBV1 / FXMQ125PBV1 /
FXMQ140PBV1



Middle and high static pressure allows for flexible duct design

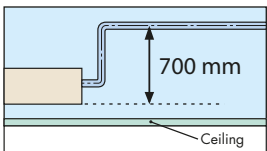
- A DC fan motor increases the external static pressure capacity range to include middle to high static pressures, increasing design flexibility

30Pa-160Pa for FXMQ40PBV1
50Pa-200Pa for FXMQ50-125PBV1
50Pa-140Pa for FXMQ140PBV1

All models are only 300mm in height, an improvement over the 390mm height of conventional models. The weight of the FXMQ40PBV1 has been reduced from 44kg to 28kg.



Drain pump is equipped as standard accessory with 700mm lift



Control of the airflow rate has been improved from 2-step to 3-step control.

Low operation sound level

	dB(A)					
FXMQ-PBV1	40	50	63	80/100	125	140
Sound Level (HH/H/L)	37/37/35	41/39/37	42/40/38	43/41/39	44/42/40	46/45/43

AUTOMATIC AIRFLOW ADJUSTMENT FUNCTION

Automatically selects the most appropriate fan curve to achieve the units' nominal air flow within $\pm 10\%$

Improved ease of installation

Airflow rate can be controlled using a remote controller during test operations. With the conventional model, the airflow rate was controlled from the PC board. It is automatically adjusted to the range between approximately $\pm 10\%$ of the rated HH tap airflow for FXMQ40-125PBV1.

Improved ease of maintenance

The drain pan can be detached for easy cleaning. An antibacterial treatment that uses silver ions has been applied to the drain pan, preventing the growth of slime, mould and bacteria that cause blockages and odors.

Energy-efficient

• The adopted DC fan motor is much more efficient than the conventional AC motor, yielding an approximate 20% decrease in energy consumption (FXMQ125PBV1).

INDIVIDUAL CONTROLLER

INDIVIDUAL CONTROL SYSTEMS

BRC1H52W / BRC1H52S / BRC1H52K

Madoka wired remote controller for Sky Air and VRV



BRC1H52W



BRC1H52S



BRC1H52K

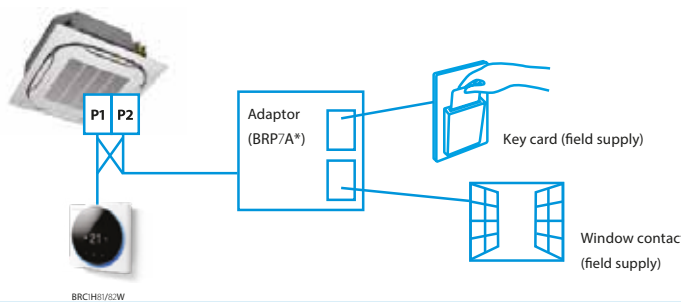
A complete redesigned controller focussed to enhance user experience

- Sleek and elegant design
- Intuitive touch-button control
- Two display options: standard and detailed
- Direct access to basic functions (on/off, set point, mode, target values, fan speed, louvers, filter icon & reset (4), error & code)
- Three colors to match any interior
- Compact, measures only 85 x 85 mm
- Realtime clock with auto-update to daylight saving time
- Equipped with a buzzer

Hotel application features

- Energy saving through key card, window contact integration and set point limitation (BRP7A*)
- Flexible setback function ensures room temperature remains within comfortable limits to ensure guest comfort

Key card and window contact integration



MADOKA ASSISTANT: ADVANCED SETTINGS CAN BE EASILY DONE VIA YOUR SMARTPHONE

A range of energy-saving functions that can be selected individually

- Temperature range restriction
- Setback function
- Presence and floor sensor setting (available on the Round Flow and Fully Flat Cassettes)
- Set temperature auto reset
- Off timer

Other functions

- Up to three independent schedules can be programmed, allowing you to switch easily between them throughout the year (e.g. summer/winter/ mid-season)
- Possibility to individually restrict menu functions

Temperature range restriction means no excessive heating/cooling

Save on energy by constraining the lower temperature limit in cooling and upper temperature limit in heating mode

INDIVIDUAL CONTROLLER

INDIVIDUAL CONTROL SYSTEMS FOR VRV INDOOR UNITS

Navigation remote controller (Wired remote controller) (Optional)



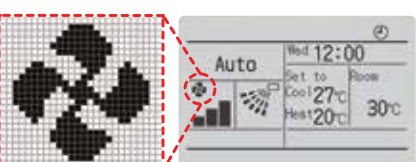
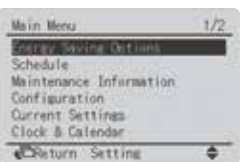
BRC1E63

Clear display

- Dot matrix display
A combination of fine dots enables various icons. A large text display is easy to see.
- Backlight display
Backlight display helps to operate in dark rooms.

Simple operation

- Large buttons and arrow keys
- Guide on display



Wireless remote control (optional)

A compact signal receiver unit (separate type) to be mounted into wall or ceiling



MADOKA ASSISTANT

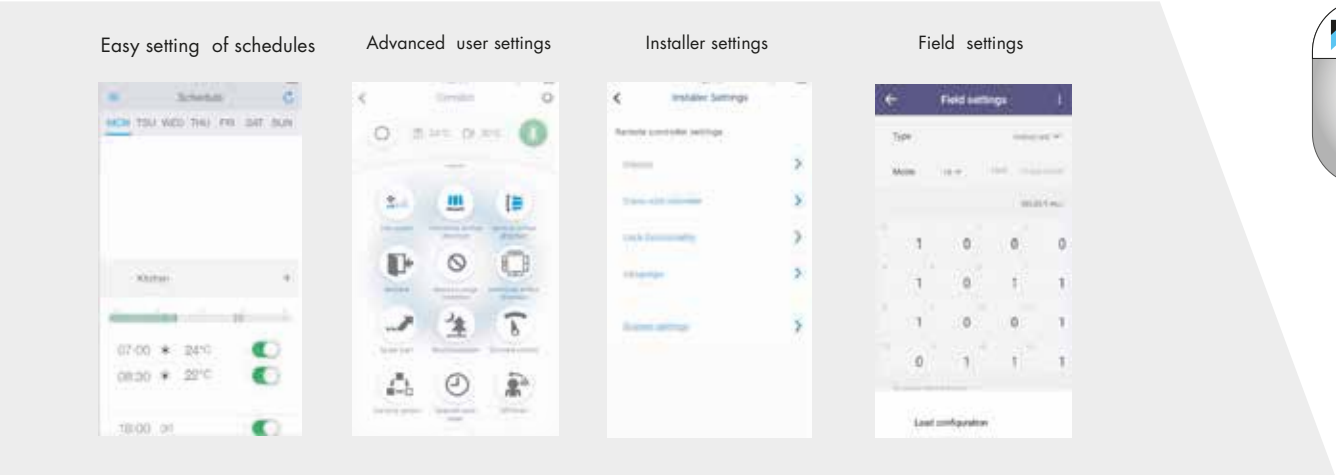
MOBILE CONNECTIVITY



Bluetooth®

SIMPLIFIES THE ADVANCED SETTINGS SUCH AS SCHEDULE OR SET POINT LIMITATION

- Visual interface simplifies advanced settings such as schedule setting, energy saving activation, setting restrictions, etc.
- Easy and quick commissioning
- Featuring Bluetooth® low energy technology



REIRI HOME



Smart
HOME | LIVING

Enhance **comfort** and **convenience** for the user, offering complete control of air conditioning systems & other smart devices remotely through mobile app access.

- Possibility to connect in one control system:
- up to 64 Indoor Units
 - up to 10 Outdoor Units
 - up to 80 Z-wave devices

ALSO COMPATIBLE :



ReiriHome
DCPH01



ReirHome Lite
DCPH02



FLEXIBLE INTEGRATION

with wireless residential smart devices

CONTROL & MANAGE

All device in one platform



REIRI HOME



ReiriHome connect all smart devices and allow them communicate with each other

Control, monitor, and manage all devices on one screen

All connected accessible anytime from anywhere through mobile phone

Interlock devices for different automation and action for different requirement

Features true to product performance
Actual control interface may vary due to interface design enhancement

REIRI HOME



ACCESS WITHIN THE PREMISES

Daikin Reiri Home Control Series provides the ability of centralized control for Daikin VRV air conditioners throughout the home with a smartphone. Homeowners can control all of the core control functions in Daikin air conditioning system effortlessly from one room to another.

ACCESS ANYWHERE OUTSIDE

With Daikin Reiri Home Control Series, the home temperature can be controlled from anywhere, and homeowners can always return from work or vacation to a comfortable cooling home. This also takes the pressure off homeowners on forgetting to switch off the air conditioners when away.



MONITORING

Homeowners can enjoy peace of mind and the convenience of monitoring air conditioners with Daikin Reiri Home Control Series from a smartphone.



The complete smart home solution for every homeowner, with integration capabilities to allow ease and convenience of control for almost every smart device.



REIRI HOME

FEATURES

- Convenience & Lifestyle
 - Energy Management
 - IAQ Management
 - Home Security Solution
 - Google Home enabled
 - Mobile Control of Airconditioning Units
 - User-friendly App Interface
- Complete control of all connected devices
 - Easy installation (Plug & Play) and configuration
 - Push Notification
 - Compliant with Cyber-security certification (EN303645)

ITOUCH MANAGER

ADVANCED CONTROL SYSTEMS FOR VRV INDOOR UNITS



One-touch selection enables flexible control of equipment in a building.



Various types of equipment in a building can be controlled by a single controller.

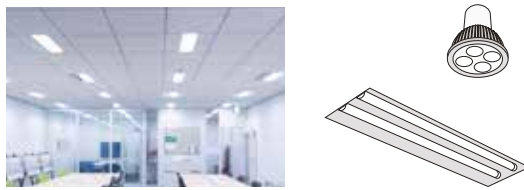
INDIVIDUAL AIR-CONDITIONING CONTROL

The flexible control achieved by the VRV system precisely meets different air conditioning needs in each room (e.g. offices, conference rooms, hotel rooms).



LIGHTING CONTROL

DALI-compatible LED lighting systems can be controlled and monitored. Lighting control is enhanced through an interlock function with air conditioners and other functions.



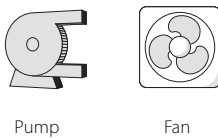
AIR-CONDITIONING CONTROL FOR LARGE SPACES

Air handling units can also be controlled. Large spaces, such as entrance halls and shopping malls, can be easily controlled to ensure comfort.



BUILDING EQUIPMENT CONTROL

Various types of equipment other than air conditioners, including ventilation, fans, and pumps, can also be controlled.



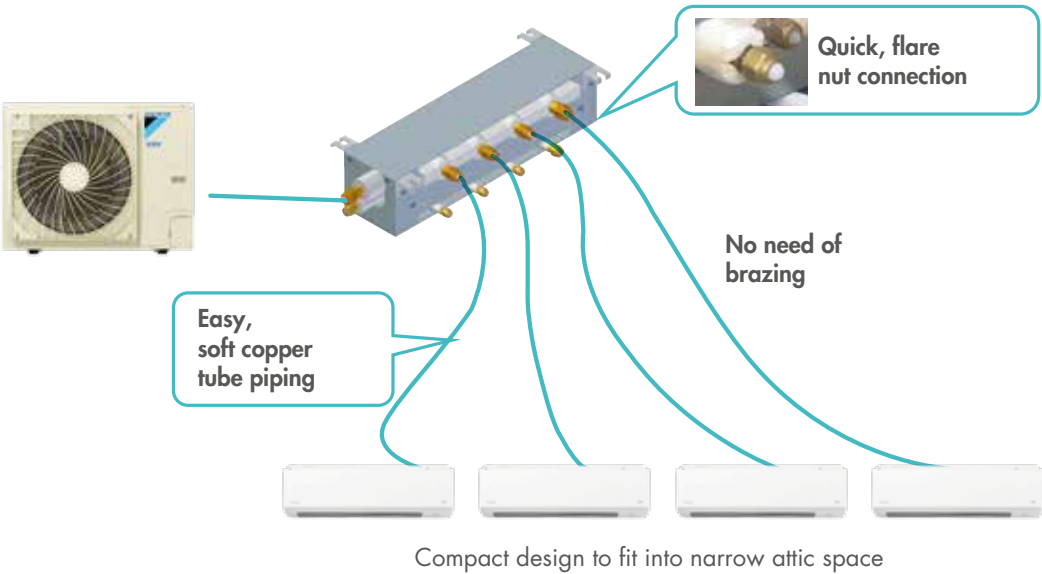
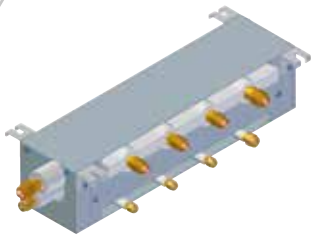
HEADER PACK

The Innovative Refrigerant Piping of next generation

Daikin innovated the Next Generation of Quality and Efficiency for VRV Installation. It offers differentiated solutions in installation. It ensures quality installation with a reduction of site work.

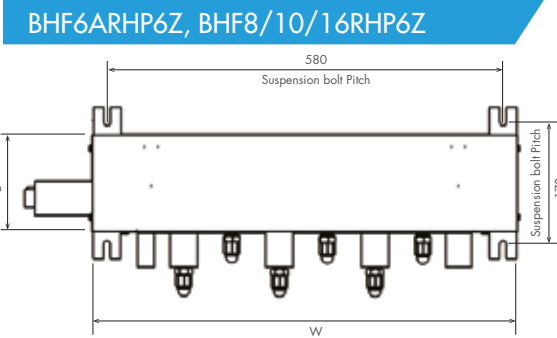
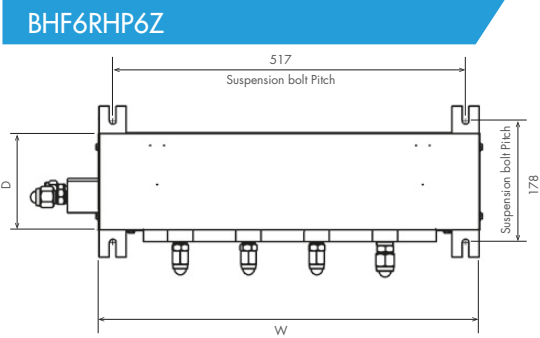
Advantage

- Installation time saving: Up to 1/3 of the conventional method
- Easy to Install: Hanging points available
- Safety: Consists of flaring method, no brazing required
- Quality Installation: Elimination of complex processes, enhancing quality Installation



		Outdoor Unit Side Connection			Indoor Unit Side Connection								Indoor Unit Total Capacity Index	Dimensions (mm)		
HP (VRV System)	HEADER PACK Model	Liquid Pipe Diameter (mm)	Gas Pipe Diameter (mm)	Connection Type	Number of Ports			Large (Connection Diameter)		Small (Connection Diameter)		Connection Type		H	W	D
					Total	Large	Small	Liquid (mm)	Gas (mm)	Liquid (mm)	Gas (mm)					
6	BHF6RHP6Z	9.5	15.9	Flare	4	1	3	9.5	15.9	6.4	12.7	Flare	<150	135	559	143
6	BHF6ARHP6Z	9.5	15.9	Flare	6	2	4	9.5	15.9	6.4	12.7	Flare	<150	135	623	143
6,8	BHF8RHP6Z	9.5	19.1	DGT	6	3	3	9.5	15.9	6.4	12.7	Flare	<200	135	623	143
10	BHF10RHP6Z	9.5	22.2	DGT	6	3	3	9.5	15.9	6.4	12.7	Flare	<290	135	623	143
12,14,16	BHF16RHP6Z	12.7	28.6	DGT	6	3	3	9.5	15.9	6.4	12.7	Flare	<420	135	623	143

Top view



DAIKIN TIGHTFIT JOINTS

DAIKIN TIGHTFIT JOINTS

TRUSTY

No copper Oxide

- No brazing soot and scale pipe inner surface
- Clean shiny copper pipes after installation
- Prevent early compressor failure, no soot in pipes



SAFETY

No hot works – just squeeze!

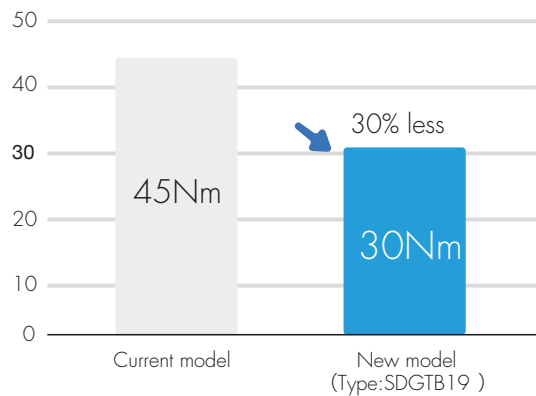
- No brazing requires, abolish fire hazard
- To avoid the risk to handle high pressure, flammable gases



EASY

- Low torque allows easy work on a scaffolding
- No need for heavy, expensive special tools
- No need for special technicians for brazing

Low torque



SAVING

- No specific permit, no specialized personnel
- Time saving with a short schedule installation project
- Simple installation process
- Cost & time saving with less administration work (Hot work permit and safety fire watcher)



FULL LINE-UP

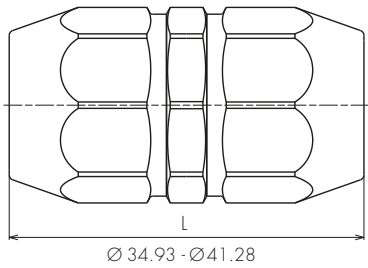
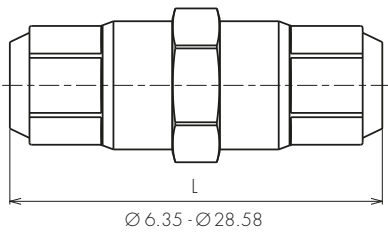
- One-stop-shopping . To conduct No Hot Work piping installation, all necessary parts are supplied including site inspection accessories

Standard Joint		Asymmetrical	
			
Size	Model name	Size	Model name
Ø 6.35	SDGTB06	Ø 9.5-6.4	SDGTB0906
Ø 9.52	SDGTB09	Ø 12.7-9.52	SDGTB1209
Ø 12.7	SDGTB12	Ø 15.88-12.7	SDGTB1512
Ø 15.88	SDGTB15	Ø 19.05-15.88	SDGTB1915
Ø 19.05	SDGTB19	Ø 22.22-19.05	SDGTB2219
Ø 22.22	SDGTB22	Ø 25.4-22.22	SDGTB2522
Ø 28.58	SDGTB28	Ø 28.58-25.4	SDGTB2825
Ø 34.92	BDGTA34	Ø 34.92-28.58	SDGTB3428
Ø 41.28	BDGTA41		

DIMENTIONS & WEIGHT

Standard Joint

Size	L (mm)	Weight (g)
Ø 6.35	50.4	44
Ø 9.52	55.0	80
Ø 12.7	59.0	120
Ø 15.88	74.0	207
Ø 19.05	76.8	273
Ø 22.22	83.4	391
Ø 28.58	88.0	515
Ø 34.92	101.5	686
Ø 41.28	103.5	881



OUTDOOR UNITS SPECIFICATIONS

VRV IV S-series

		4HP and 5 HP		6HP and 8HP		10HP and 12HP		
								
Model		RXQ4ARV1	RXQ5ARV1	RXMQ6ARV1	RXMQ8ARY1	RXMQ10ARY1	RXMQ12ARY1	
Power Supply		1 PHASE, 50Hz, 220-240 V			3 Phase, 50 Hz, 380-415V			
Cooling Capacity (1)	KW	11.20	14.00	16.00	22.40	28.00	33.50	
Cooling Capacity	Btu/h	38,200	47,800	54,600	76,400	95,500	114,300	
INPUT Power	KW	2.88	3.93	4.1	6.61	8.50	10.8	
EER	-	3.89	3.56	3.90	3.39	3.29	3.10	
Dimensions(H*W*D)		990 x 940 x 320		870x1100x460		1627 x 940 x 450		
Allowed Indoor Capacity Index Connection	%	50-130						
	Nom	100	125	150	200	250	300	
	Min	50	62.5	75	100	325	390	
	Max	130	162.5	195	260	125	150	
Operation Range	Min	0°C	0°C	0°C	0°C	0°C	0°C	
	Max	49°C	49°C	52°C	52°C	50°C	50°C	
Refrigerant	Type	R410A						
	Amount	Kg	2.9	3.4	4.2	5.4	7	8
Pipe Connection Liquid	Diameter	mm	Φ 9.5			Φ 12.7		
	Type		FLARE			BRAZING		
Pipe Connection Liquid	Diameter	mm	Φ 15.9		Φ 19.1		Φ 22.2	Φ 25.4
	Type		FLARE		BRAZING			
Weight	Machine	kg	72	79	97	115	165	170
	Packed	kg	80	87	110	128	185	190
Sound Level (2)	dBA	52	53	52	59	59	60	

Notes:
(1) Indoor temp.: 27°CDB, 19°CWVB / Outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
(2) Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions and oil recovery mode.

INDOOR UNITS SPECIFICATIONS



Wall Mounted

MODEL		FXAQ20ARVM	FXAQ25ARVM	FXAQ32ARVM	FXAQ40ARVM	FXAQ50ARVM	FXAQ63ARVM
Power supply		1-phase, 220V / 240V, 50/60 Hz					
Cooling capacity	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
	kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Btu/h	8,500	10,900	13,600	17,100	21,500	27,300
	kW	2.5	3.2	4.0	4.3	6.3	8.0
Casing		White (N9.5)					
Airflow rate (H/L)	m³/min	7.5/4.5	9/5	11/5.5	13/9	15/12	19/14
	cfm	265/159	318/177	388/194	459/318	530/424	671/494
Sound level (H/L)	dB(A)	35/31	36/31	38/31	39/34	42/37	47/41
Dimensions (H×W×D)	mm	298X929X258	298X929X258	298X929X258	298X929X258	298X929X258	298X929X258
Machine weight	kg	13.0	13.0	13.0	13.0	13.0	13.0
Piping connections	Liquid (Flare)	mm	6.4	6.4	6.4	6.4	9.5
	Gas (Flare)	mm	12.7	12.7	12.7	12.7	15.9
	Drain	mm	VP13 (External Dia. 18/Internal Dia. 13)				

Ceiling Mounted Cassette Round Flow



MODEL		FXFSQ25ARV1	FXFSQ32ARV1	FXFSQ40ARV1	FXFSQ50ARV1	FXFSQ63ARV1	FXFSQ80ARV1	FXFSQ100ARV1	FXFSQ125ARV1	FXFSQ140ARV1
Power supply		1-phase, 220/240V, 60 /50/60 Hz								
Cooling capacity	Btu/h	9,600	12,300	15,400	19,100	24,200	30,700	38,200	47,800	54,600Z
	kW	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0
Heating capacity	Btu/h	10,900	13,600	17,100	21,500	27,300	34,100	42,700	54,600	54,600
	kW	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16	16
Casing		Galvanised steel plate								
Airflow rate (H/M/L)	m³/min	13/11.5/10		17/12.5/11	23/19/11	23.5/20/13.5	24.5/20.5/15	33.5/27/21	34.5/28.5/23	35.5/29.5/23
	cfm	459/406/353		600/441/388	812/671/388	830/706/477	865/724/530	1183/953/741	1218/1006/812	1253/1041/812
Sound level (H/M/L)	dB(A)	30/28.5/27		35/29/27	38/34.5/27	388/34.5/27	39/36/31	44/38/33	45/39.5/35	46/40.5/35
Dimensions	mm	256x840x840						298x840x840		
Machine weight	kg	19			22			25		26
Piping connections	Liquid (Flare)	mm	6.4				9.5			
	Gas (Flare)	mm	12.7				15.9			
	Drain	mm								
Standard Panel (Optional)	Model	BYCQ125EAF9(Fresh White)								
	Dimensions (HxWxD)	50x950x950								
	Weight	kg	5.5							

* Optional PM2.5 Filter is available upon request

Note:
1) Specifications are based on the following conditions:
2) Cooling: Indoor temp 27CDB, 19CVVB / Outdoor temp: 35CDB, Equivalent piping length: 7.5m / Level difference: 0m
3) The Capacity of indoor unit is only for reference. The actual capacity of indoor unit is based on the total capacity index .(See Engineering Data Book for details.)
4) Sound level: Anechoic chamber conversion value measured at a point 1.5m downward from the unit center. During actual operation, these values usually are somewhat higher as a result of ambient conditions.

INDOOR UNITS SPECIFICATIONS

Slim Ceiling Mounted Duct



MODEL			FXDQ20PDVM	FXDQ25PDVM	FXDQ32PDVM	FXDQ40NDVM	FXDQ50NDVM	FXDQ63NDVM
Power supply			1-phase, 220-240V, 50/60 Hz					
Cooling capacity	Btu/h		7,500	9,600	12,300	15,400	19,100	24,200
	kW		2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Btu/h		8,500	10,900	13,600	17,100	21,500	27,300
	kW		2.5	3.2	4.0	5.0	6.3	8.0
Casing			Galvanised steel plate					
Airflow rate (HH/H/L)	m³/min		8.0/7.2/6.4	8.0/7.2/6.4	8.0/7.2/6.4	10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
	cfm		282/254/226	282/254/226	282/254/226	371/335/300	441/388/353	582/512/459
External static pressure	Pa		30-10 *2	30-10 *2	30-10 *2	44-15 *2	44-15 *2	44-15 *2
Sound level (HH/H/L)*1*3	dB(A)		33/31/29	33/31/29	33/31/29	34/32/30	35/33/31	36/34/32
Dimensions (H×W×D)	mm		200×700×620	200×700×620	200×700×620	200×900×620	200×900×620	200×1,100×620
Machine weight	kg		23.0	23.0	23.0	27.0	28.0	31.0
Piping connections	Liquid (Flare)	mm	Ø 6.4	Ø 6.4	Ø 6.4	Ø 6.4	Ø 6.4	Ø 9.5
	Gas (Flare)	mm	Ø 12.7	Ø 12.7	Ø 12.7	Ø 12.7	Ø 12.7	Ø 15.9
	Drain	mm	VP20 (External Dia. 26/Internal Dia. 20)					



Low Static Ceiling Mounted Duct

MODEL			FXMQ40ARV1	FXMQ50ARV1	FXMQ63ARV1	FXMQ80ARV1	FXMQ100ARV1
Power supply			1-phase, 220V / 240V, 50/60 Hz				
Cooling capacity	Btu/h		15,400	19,100	24,200	30,700	38,200
	kW		4.5	5.6	7.1	9.0	11.2
Heating capacity	Btu/h		15,400	19,100	24,200	30,700	38,200
	kW		4.5	5.6	7.1	9.0	11.2
Casing			Galvanised steel plate				
Airflow rate (H/L)	m³/min		15/12	19/16	24/20	30/25	34/29
	cfm		530/424	671/565	847/706	1059/883	1200/1024
External static pressure	Pa		30-50 *3	30-50 *3	30-50 *3	30-50 *3	30-60 *3
Sound level (H/L) at 50 Hz	dB(A)		39/37	41/39	42/40	43/41	44/42
Sound level (H/L) at 60 Hz	dB(A)		43/37	49/42	40/34	46/43	51/40
Dimensions (H×W×D)	mm		300x700x700	300x700x700	300x1000x700	300x1000x700	300x1000x700
Machine weight	kg		27	28	35	35	36
Piping connections	Liquid (Flare)	mm	6.4	6.4	9.5	9.5	9.5
	Gas (Flare)	mm	12.7	12.7	15.9	15.9	15.9
	Drain	mm	VP25 (External Dia. 32/Internal Dia. 25)				

Notes:

Specifications are based on the following conditions:

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, level difference: 0 m.
- The capacity of indoor unit is only for reference. The actual capacity of indoor unit is based on the total capacity index.
- Sound level: Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.

During actual operation, these values usually are somewhat higher as a result of ambient conditions.

* 1: Values are based on the following conditions: FXDQ-PDVM: external static pressure of 10 Pa; FXDQ-NDVM: external static pressure of 15 Pa.

* 2: External static pressure is changeable to set by the remote controller. This pressure means*High static pressure - *Standard*.

(Factory setting is 10 Pa for FXDQ-PDVM models and 15 Pa for FXDQ-NDVM models.)

* 3: For FXMQ-ARV1 series, 30 Pa is rated static pressure and 50 (60) Pa is maximum static pressure

* 4: The values of operation sound level represent those for rear-suction operation. Sound level values for bottom-suction operation can be obtained by adding 5 dB(A).

INDOOR UNITS SPECIFICATIONS

High Static Ceiling Mounted Duct



MODEL			FXMQ40PBV1	FXMQ50PBV1	FXMQ63PBV1	FXMQ80PBV1	FXMQ100PBV1	FXMQ125PBV1	FXMQ140PBV1
Power supply			1 phase,240-220V, 50/60Hz						
Cooling capacity	Btu/h		15,400	19,100	24,200	30,700	38,200	47,800	54,600
	kW		4.5	5.6	7.1	9.0	11.2	14.0	16.0
Heating capacity	Btu/h		17,100	21,500	27,300	34,100	42,700	54,600	61,400
	kW		5.0	6.3	8.0	10.0	12.5	16.0	18.0
Casing			Galvanised steel plate			Galvanised steel plate			
Airflow rate (HH/H/L)	m³/min		16/13/11	18/16.5/15	19.5/17.5/16	25/22.5/20	32/27/23	39/33/28	46/39/32
	cfm		565/459/388	635/582/530	688/618/565	883/794/706	1130/953/812	1377/1165/988	1624/1377/1130
External static pressure	Pa		100(160-30)*2	100(200-50)*2	100(200-50)*2	100(200-50)*2	100(200-50)*2	100(200-50)*2	100(140-50)*2
Sound level (HH/H/L)*1*3	dB(A)		39/37/35	41/39/37	42/40/38	43/41/39	44/42/40	46/45/43	46/45/43
Dimensions (H×W×D)	mm		300x700x700	300x1000x700	300x1000x700	300x1000x700	300x1400x700	300x1400x700	300x1400x700
Machine weight	kg		27	35	35	35	45	45	46
Piping connections	Liquid (Flare)	mm	Ø 6.4	Ø 6.4	Ø 9.5	Ø 9.5	Ø 9.5	Ø 9.5	9.5
	Gas (Flare)	mm	Ø 12.7	Ø 12.7	Ø 15.9	Ø 15.9	Ø 15.9	Ø 15.9	15.9
	Drain	mm	VP25 (External dia.32 Internal dia.25)						

*Optional PM2.5 filter is available upon request



Medium Static Ceiling Mounted Duct

Model	FXSQ-A2VEB	15	20	25	32	40	50	63	80	100	125	140		
Power Supply		1 phase, 220-240V,50Hz / 220V,60Hz												
Cooling Capacity	Btu/h	5,800	7,500	9,500	12,300	15,400	19,100	24,200	30,700	38,200	47,800	54,600		
	kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0		
Heating Capacity	Btu/h	6,500	8,500	10,900	13,600	17,000	21,500	27,300	34,000	42,600	54,600	61,400		
	kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	18.0		
Casing		Galvanised Steel Plate												
Airflow Rate - Cooling (H/M/L)	m3/min	8.7/7.5/6.5	9.0/7.5/6.5	9.0/7.5/6.5	9.5/8.0/7.0	15.12/5.11	15.212.5/11	21/18/15	23/19.5/16	32/27/23	36/31.5/26	39/34/28		
	CFM	307/265/229	318/265/229	318/265/229	335/282/247	530/441/388	537/441/388	741/635/530	812/688/565	1130/953/812	1271/1112/918	1365/1200/988		
External Static Pressure (H/Nom)	Pa	150/30						150/40			150/50			
Sound Level (H/M/L)	dB(A)	29.5/28/25	30/28/25			31/29/26		35/32/29		33/30/27	35/32/29	36/34/31	39/36/33	41.5/38/34
Dimensions (HxWxD)	mm	245x550x800				245x700x800			245x1000x800		245x1400x800		245x1550x800	
Machine Weight	kg	23.5			24	28.5	29	35.5	36.5	46	47	51		
Piping Connections	Liquid (Flare)	mm OD 6.35						OD 9.52						
	Gas (Flare)	mm OD 12.7						OD 15.9						
	Drain	mm VP20 (External Dia. 26/ Internal Dia. 20)												

Notes:

Specifications are based on the following conditions:

Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, level difference: 0 m.

The capacity of indoor unit is only for reference. The actual capacity of indoor unit is based on the total capacity index.

Sound level: Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.

During actual operation, these values usually are somewhat higher as a result of ambient conditions.

* 1: Power consumption values are based on conditions of rated external static pressure.

*2: External static pressure can be modified using a remote controller that offers thirteen (FXMQ40PBV1), fourteen

(FXMQ50-125PBV1) or ten (FXMQ140PBV1) levels of control. These values indicate the lowest and highest possible static pressures.

The standard static pressure is 100 Pa