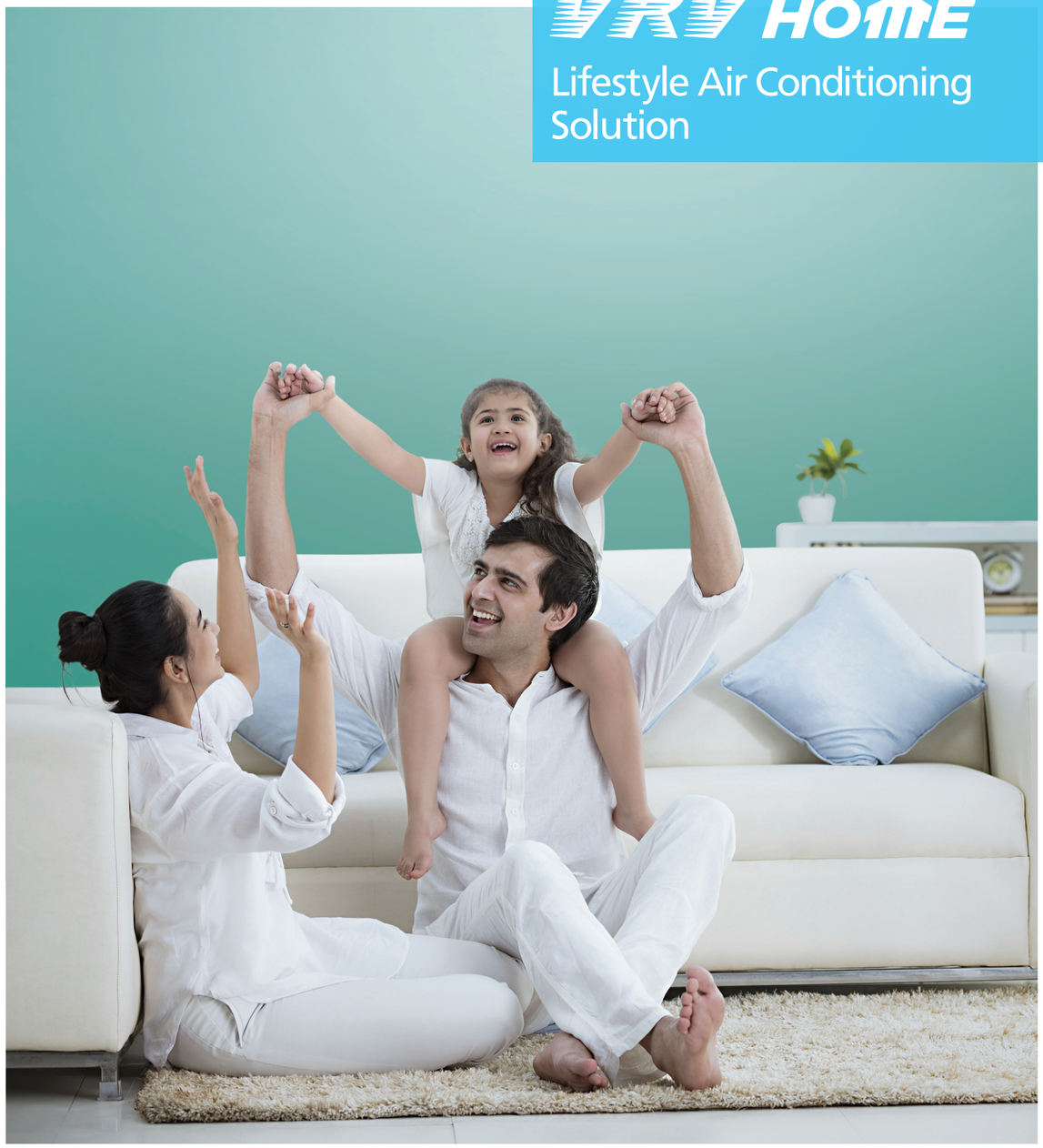
DAIKIN

WORLD'S LEADING AIR CONDITIONING COMPANY FROM JAPAN

PRESENTING

VRV HOME

Lifestyle Air Conditioning Solution



DAIKIN

DAIKIN AIRCONDITIONING INDIA PVT. LTD.
12th Floor, Building No. 9, Tower A, DLF Cyber City DLF Phase III,
Gurgaon - 122002, Haryana, India Tel: 0124-4555444, Fax: 0124-4555333.

CUSTOMER CONTACT CENTRE
011-40319300, 1860-180-3900
customerservice@daikinindia.com

SALES & SERVICE OFFICES

Ahmedabad - Tel: 079-40013100
Bengaluru - Tel: 080-25722337/25722338
Bhubaneswar - Tel: 0674-2554677
Chandigarh - Tel: 0172-4947200/30
Chennai - Tel: 044-40807676
Cochin - Tel: 0484-4038646
Delhi - Tel: 011-43834400/5500
Ghaziabad - Tel: 0120-4205851
Indore - Tel: 0731-4005864
Jaipur - Tel: 0141-2218903/04/05/06
Kolkata - Tel: 033-40608019/40659544
Lucknow - Tel: 0522-4309858/59/60
Ludhiana - Tel: 0161-5011122
Mumbai - Tel: 022-62321666
Patna - Tel: 0612-2582282
Pune - Tel: 020-25560300
Raipur - Tel: 0771-4911225
Secunderabad - Tel: 040-49134283
Vijayawada - Tel: 0866-295222624

Customer Contact Centre:

Say "Hi" at 987 140 9300
Customer Support no.: 011-40319300 /1860 180 3900
Email: customerservice@daikinindia.com
Visit us at: www.daikinindia.com

Follow us on:
www.facebook.com/daikinindia
www.twitter.com/daikinindia
www.instagram.com/daikinindia
in.company/daikin–airconditioning-india-pvt.-ltd.
www.youtube.com/user/DaikinACIndia

Disclaimer: As a continuing policy of product innovation at Daikin, the design and specifications are subject to change without prior notice. The visuals of the products in the brochure are representative only, actual products might differ from the ones shown. 'Products mentioned in this brochure comply with RoHS regulations as per E-waste (Management & Handling) Rules, 2011and should not be mixed with general household waste at the end of their useful life.' For more details kindly visit our website www.daikinindia.com or contact our customer care centre at 011-40319300/1860 180 3900.

For More Information 'Scan Me'

DAIPL- 2019/24-7/VRVHM-1A



INDEX

- ABOUT DAIKIN 04
- VRV HOME 06
- MAIN FEATURES 09
  - ENERGY EFFICIENCY 10
  - DESIGN FLEXIBILITY 14
  - USER COMFORT 16
  - CONTEMPORARY 18
- VRV INDOOR UNIT 20
- MOBILE CONNECTIVITY 23
- CONTROL SYSYTEMS 26
- HEADER PACK 27
- SPECIFICATIONS 28

ABOUT DAIKIN

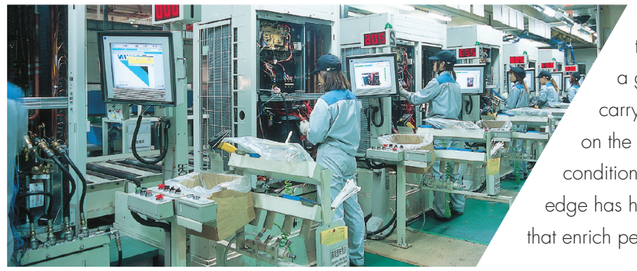
At Daikin®, we are a leading innovator and provider of advanced, high-quality air conditioning solutions for residential applications.

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. We, at Daikin Industries Ltd., are a diverse multinational company, active in air conditioning, chemicals and oil hydraulics, was established in 1924. With headquarters at Osaka, Japan, our Daikin family has more than 84,870 members, working across 100+ production base units and 316 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 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.



EXPLORING NEW R&D FRONTIERS



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 peoples' lives.

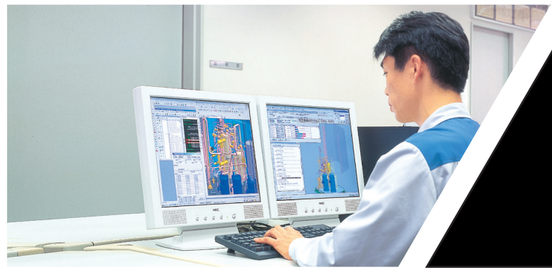
Formation of a three-division system of research, IT and development to support our superior products. To create more advanced functions and new value, we have instituted specialised R&D divisions: the 'Environmental Technology Research Laboratory' and the 'Solution Product Development Centre'.

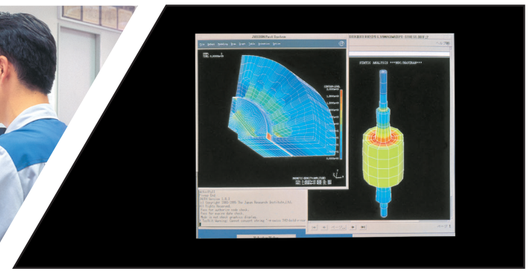


DEVELOPMENT
Product Development Group

RESEARCH
Environment Technology Research Laboratory

IT
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.

VRV HOME

■ INTRODUCTION

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

■ NEW LIFESTYLE

Redefining Home Air Conditioning

A complete solution that provides 'cooling, comfort, control and convenience' in one single system.

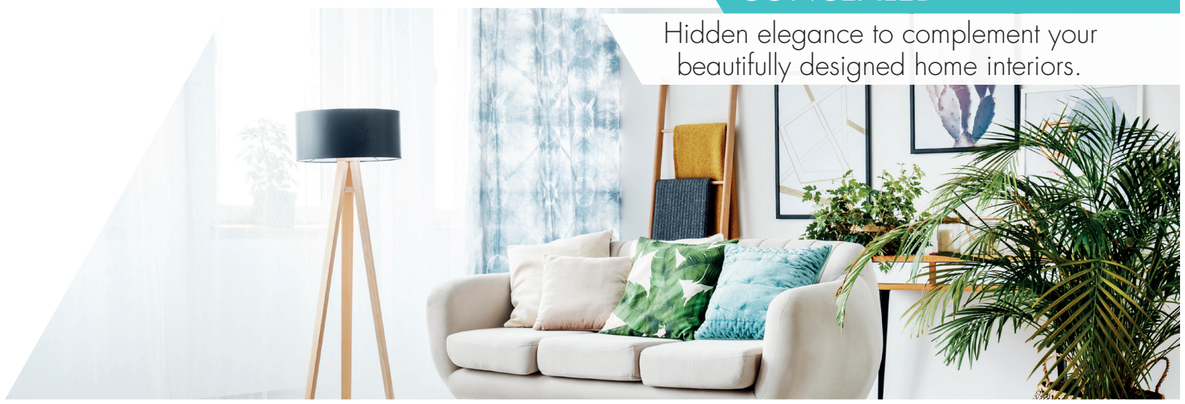
COZY

Sophisticated comfort technology giving you the optimum temperature and air flow distribution control.



CONCEALED

Hidden elegance to complement your beautifully designed home interiors.



VRV HOME

CONTEMPORARY

Creative and modern design to fit your personal heaven.



CARING

Creates a pleasant environment for you and your loved ones.



VRV HOME

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 house 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.

VRV Home replaces all the outdoor units of the house with just one outdoor unit. A total of 8 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 hi-wall that can be connected with a single outdoor unit. Furthermore, actual piping length of up to 40 meters coverage of widespread spaces is ensured.



CENTRALIZED HOME AIR CONDITIONING
FOR AN UPGRADED LIFESTYLE

OUTDOOR UNIT CAN BE INSTALLED ON A BALCONY

The trunk-shaped outdoor unit can easily be installed on a balcony, realizing complete system installation within each floor. The compact outdoor unit can be hanged on the wall eliminating need for floor space, which enables more useful utilisation of the space on the building rooftop.

For More Information 'Scan Me'

MAIN FEATURES

- ENERGY EFFICIENCY
- DESIGN FLEXIBILITY
- USER COMFORT
- 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.

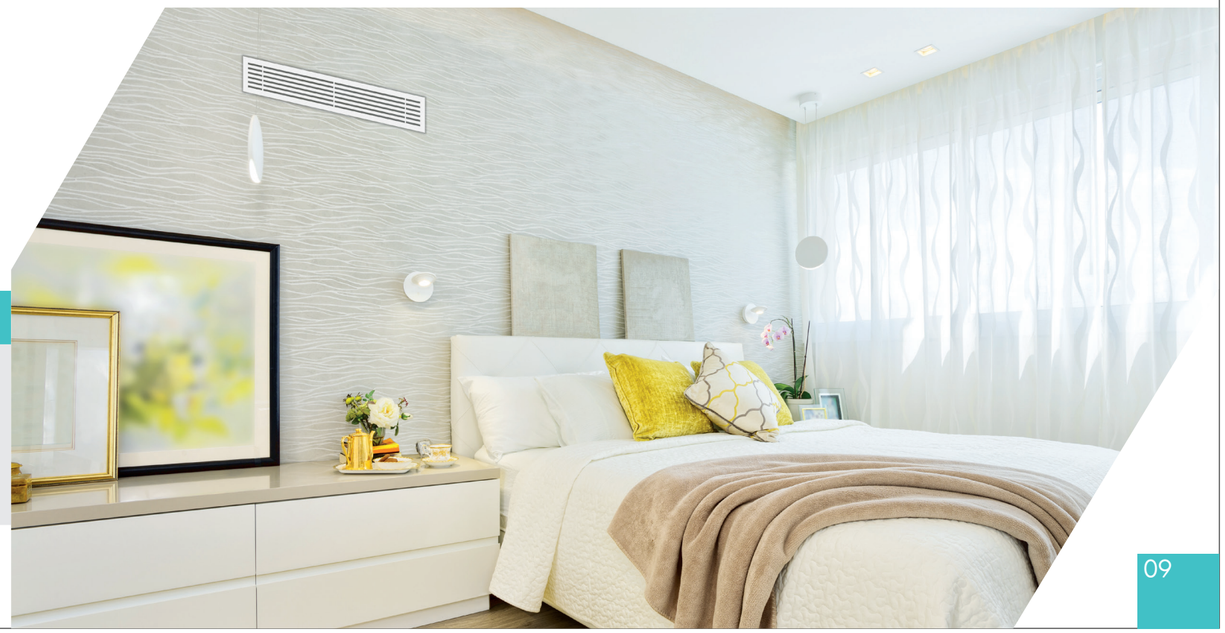


HEAT PUMP SERIES

MODEL NAME	RXYRQ4BRV16	RXYRQ5BRV16	RXYRQ6BRV16
CAPACITY RANGE	4 HP (11.2 kW)	5 HP (14.0 kW)	6 HP (16 kW)

COOLING ONLY SERIES

MODEL NAME	RXRQ4BRV16	RXRQ5BRV16	RXRQ6BRV16
CAPACITY RANGE	4 HP (11.2 kW)	5 HP (14.0 kW)	6 HP (16 kW)



ENERGY EFFICIENCY



SWING COMPRESSOR

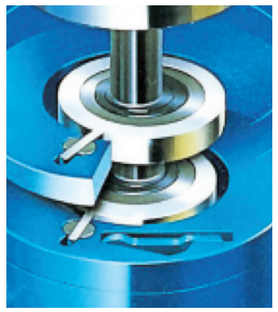
Thanks to its smooth rotation, the swing compressor decreases friction and vibration. It also prevents leakage of refrigerant gas during compression. These advantages provide quiet and efficient operation.

High COP during both cooling and heating operations

One of the top features of VRV Home is its energy efficiency. It achieves high COP during cooling and heating operations especially at part load.

Daikin was presented 32nd Chairman's award by the Japan society for the promotion of the machine industry for swing compressor.

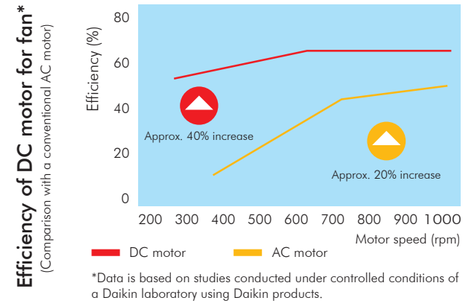




ENERGY EFFICIENCY

DC FAN MOTOR

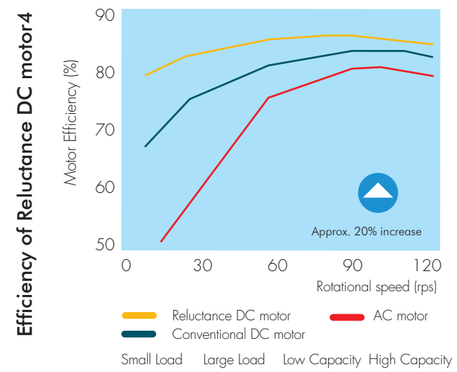
The DC motor allows fine rotation control, which reduces energy consumption. The motor also provides improvements in operational efficiency of up to 40%, compared to AC motor. These improvements are particularly noticeable in the low-speed range.

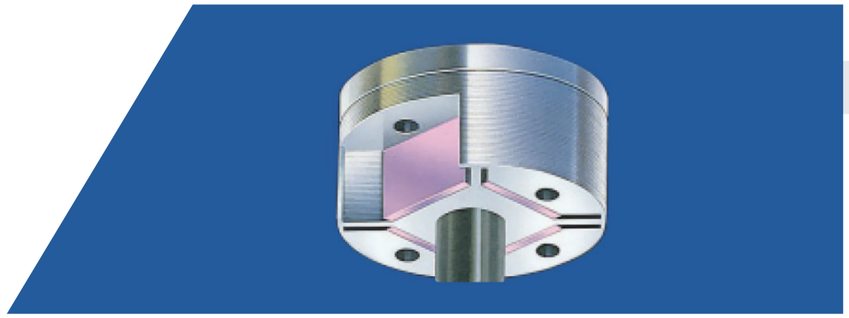


*Data is based on studies conducted under controlled conditions of a Daikin laboratory using Daikin products.

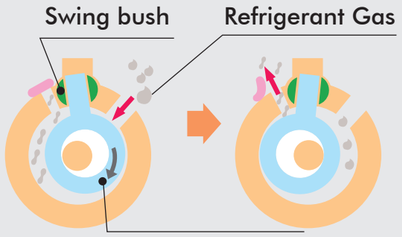
RELUCTANCE DC MOTOR FOR COMPRESSOR

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 saves energy by generating more power with a smaller electric current than AC or conventional DC motors. Daikin's internally embedded neodymium magnet generates strong magnetic field and high torque resulting in high operational efficiency with less electricity consumption. It is more efficient at low frequencies most commonly used by air-conditioners[3] improving efficiency by approximately 20%.



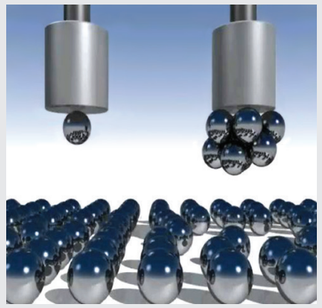


Neodymium magnets are used in the pink-coloured area.



INTEGRAL PISTON OF BLADE AND ROLLER

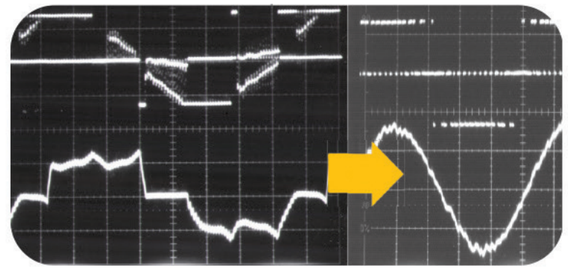
The swing compressor can reduce operational vibration and sound because its piston moves smoothly inside the compressor.



Neodymium magnet are approximately 10 times stronger than standard ferrite magnets. The use of neodymium magnets in Daikin compressors enhances their performance*. Besides, it helps to improve the frequency range used by air conditioners during periods of stable operation in which air conditioners operate for the longest periods.

SINE WAVE

Smooth sine wave of the inverter's electric current eliminates pulsation and high harmonic noise. Highly effective inverter, that can generate the control signal which is closer to the sine wave, thus helping in better efficiency.



EFFICIENT HEAT EXCHANGER

The VRV Home features bigger centralized outdoor unit compared to individual unitary products. This provides for much bigger heat exchanger in case partial number of indoor units are operational.



DESIGN FLEXIBILITY



PIPING LENGTH

VRV Home series offer 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 8 indoor units can be connected to a single outdoor unit

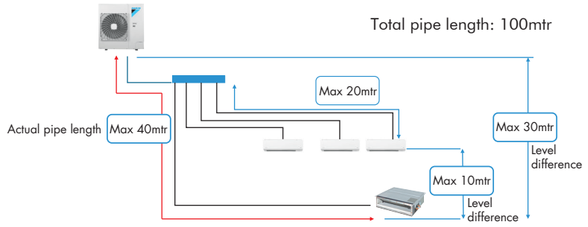
Multiple indoor unit combinations are possible. As many as 8 indoor units can be connected to a single outdoor unit, making the VRV Home a remarkably versatile system.

- Total capacity index of connectable indoor units must be 50% to 140% of the capacity index of the outdoor unit.

Long piping design possible

The VRV Home provides long piping length possibility of 40m, with a total piping length of 100 m. If the outdoor unit is installed above indoor units the level difference can be up to a maximum of 30m. These generous allowances facilitate an extensive variety of system designs.





Max. 8 units

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

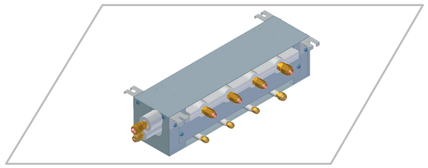
Total piping length Max.100m

- Level difference between outdoor and indoor unit is 30m
- Maximum piping length between the indoor unit and the first branch is 20m.

DESIGN FLEXIBILITY

BRAZING FREE INSTALLATION

Daikin innovated next generation of quality and efficiency for VRV installation. Flare connection based header pack eliminates need of brazing resulting in quick, safe & quality installation.



HEADER PACK

CONNECTION RATIO

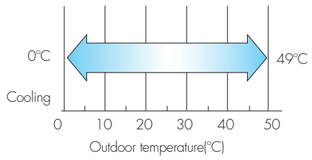
With VRV Home, one has flexibility to connect upto 140% capacity of indoor units over outdoor units, in order to take advantage of redundancy of usage (Connection capacity from 50% to140%).

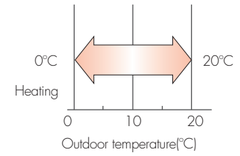
WIDE OPERATION RANGE

WIDE OPERATION TEMPERATURE RANGE

The versatile operation range of the VRV Home system works to reduce limitations on installation locations. The operation temperature range for heating goes all the way down to 0°C, while cooling can be performed with outdoor temperatures as high as 49°C.

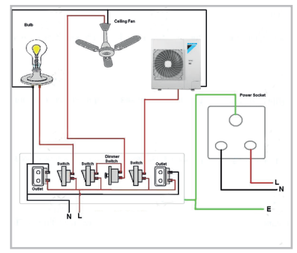
Certified operation temperature range





SINGLE PHASE POWER SUPPLY

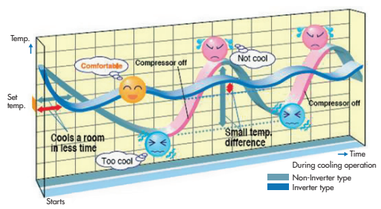
The indoor units as well as outdoor units operate on single phase power supply. This enables VRV Home adaptation at residences where 3 phase power supply is not available.





PRECISE TEMPERATURE CONTROL

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



NIGHT TIME QUIET OPERATION

Quietness is important feature of VRV Home system as it provides luxurious comfort. To reduce noise and realise comfortable operation, latest technologies and features are applied to the indoor units as well as outdoor units.

Operation sound level selectable from **3 steps for the night mode**

MODE 1 AUTOMATIC

Set on the outdoor PCB. Time of maximum temperature is memorised. 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 dBA (Step 1), 44 dBA (Step 2) and 41 dBA (Step 3).

- This function is available in setting at site.
- The capacity reduction rate differs depending on the operation sound level step selected.

MODE 2 MANUAL

Starting time and ending time can be input.

MODE 3 COMBINED

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.



YEAR ROUND AIR CONDITIONING

VRV Home is available with heat pump variant also. Heat pump works all round the year maintaining comfortable room temperature during summer and winter season (during heating operation power consumption is only fraction of conventional electric heater).



CENTRALIZED AIR CONDITIONING

VRV Home offers centralized 'lifestyle air conditioning solutions' wherein one outdoor unit can be connected with multiple indoor units. This system has flexibility of connceting different types of Indoor units in the same circuit. The suitable indoor unit that blends with interiors and fulfill cooling requirement can be selected.

CONCEALED & SLEEK IDU DESIGN

■ NEW LIFESTYLE

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.



SPACE SAVING

Building exterior reflects on interior beauty as well. With its centralized outdoor unit, VRV Home series provides neat and clean look and saves space to make room for other essentials.





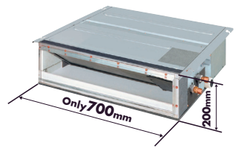
Slim Ceiling Mounted Duct Type

Slim design, quietness and static pressure switching

SUITED TO USE IN DROP-CEILINGS

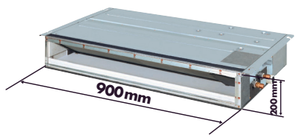
FXDRQ20PD / FXDRQ25PD / FXDRQ32PD

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

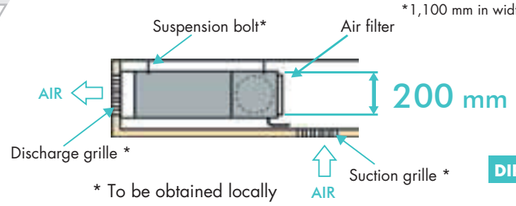


FXDRQ40ND / FXDRQ50ND / FXDRQ63ND

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



*1,100 mm in width for the FXDRQ63ND model.



* To be obtained locally

DIRECT THROW TYPE

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

Low operation sound level (dBA)

FXDRQ-PD/ND	20/25/32	40	50	63
Sound level (HH/H/L)	33/31/29	34/32/30	35/33/31	36/34/32

Mid Static Pressure Ceiling Mounted Duct Type

FXMRQ40A / FXMRQ50A / FXMRQ63A
FXMRQ80A / FXMRQ100A



High airflow rate

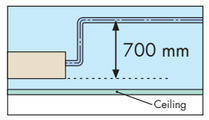
Mid static pressure allows for flexible duct design

All models are only 300 mm in height, an improvement over the 390 mm height of conventional models. The weight of the FXMRQ40A has been reduced from 44 kg to 28 kg.



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.

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



Wall Mounted Type

FXARQ20A / FXARQ25A
FXARQ32A / FXARQ40A
FXARQ50A / FXARQ63A

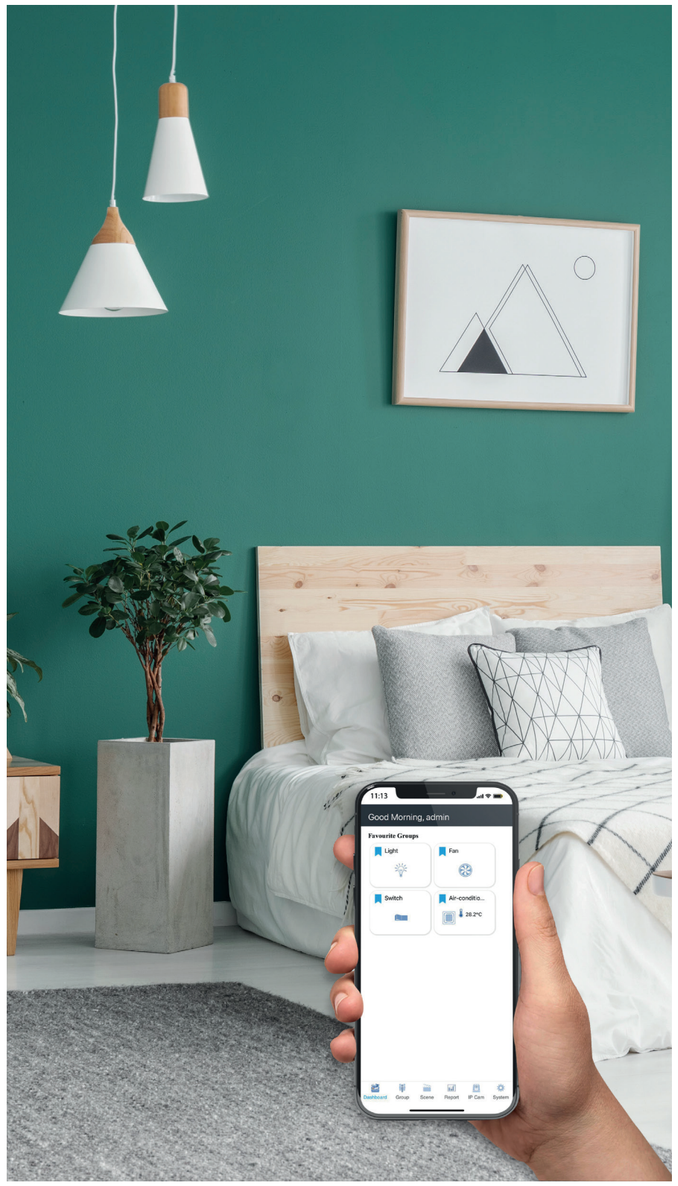


Stylish flat panel design harmonised with your interior décor



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

Reiri for Home



Reiri for Home is the complete smart home solution with seamless integration capabilities, allowing users to control and monitor all smart home devices conveniently from just a single mobile app. From security and safety enhancements to indoor air quality and energy management, Reiri for Home is the ideal home automation system for every homeowner.

PRODUCT LINE-UP



Reiri for Home
DCPH01



Reiri for Home
Lite Version
DCPH02

Your Daikin Smart Assistant

Control In Your Way



Keeping Environment Comfortable

Reiri for Home

Multiple Integration

Able to connect with all aircons in the house and smart devices.

Convenience & Control

Control and manage devices conveniently.

Real-time Monitoring

Easily view all aircons and devices status on one screen.

Group Setting & Control

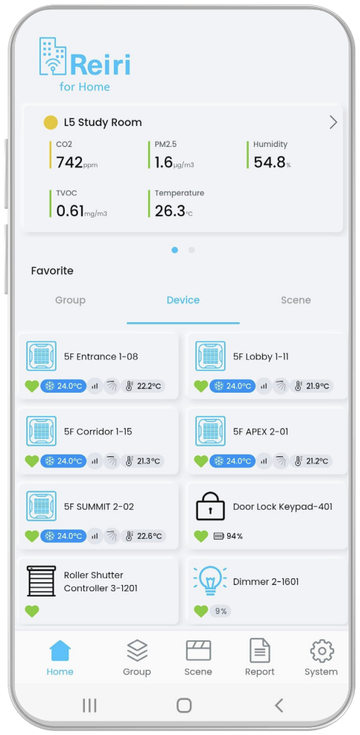
Duplicate same settings for multiple devices.

Scene Control

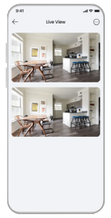
Enable various operation control patterns at once.

Notification

Real-time push notification & information.



Download on the App Store GET IT ON Google Play



24/7 Home Security & A Peace of Mind

Turn the mobile phone into a liveview camera with 24/7 monitoring functions, including multi-view option of up to 8 cameras.



History & Logging

Monitor the usage of smart home with the dedicated view of operation & error history, affected count within a period.



Better Air With IAQ Monitoring

Comprehensive indoor air monitoring in real-time, with different colours to show the indoor air quality.

Healthy Caution Warning



Energy Management For Effective Cost Saving

Generate user-friendly graphs and easily identify which energy consumption area needs to be improved.

Please refer to the Reiri catalogue for the full list of features.

CONTROL SYSTEMS

Individual Control Systems for VRV Indoor Units

Navigation remote controller (Wired remote controller) (Optional)



BRC1E63

Clear display

- Dot matrix display

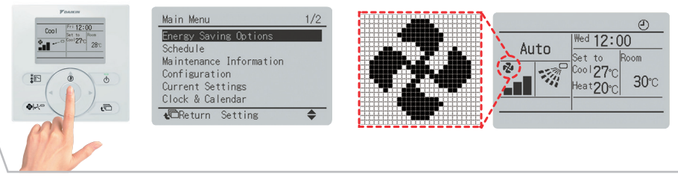
A combination of fine dots enables various icons. Large text display is easy to see.

- Backlight display

Backlight display helps operating in dark rooms.

Simple operation

- Large buttons and arrow keys
- Guide on display



Wireless remote control (optional)

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



Simplified remote controller (Option)



BRC2E61

Easy operation with new intuitive design

Simple operation

Using only six buttons, users have direct access to basic functions. This enables them to easily set comfort to their preference.

- ON/OFF
- Operation mode
- Temperature setting
- Airflow rate (5-step & Auto)*
- Up and down airflow direction (5-step & Swing)*
- ON/OFF timer

*The number of airflow steps and availability of auto airflow rate and swing mode depend on the type of indoor unit.

Stylish remote controller (Option) - Madoka



BRC1H61W (White)



BRC1H61K (Black)

reddot design award

Product Features

- Combines refinement and simplicity.
- Echoes the distinct blue circle and simplicity of design.
- Two attractive colours to match any interior.
- Compact, measures only 85 x 85 mm.

For More information 'Scan Me'

User-friendly interface

- Just three buttons and a large-figure display.
- Customisable display.
- Direct access to basic functions (ON/OFF, Operation mode, temperature setting, Airflow rate, Airflow direction).

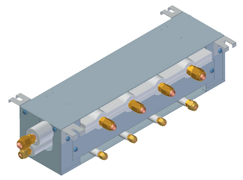
HEADER PACK

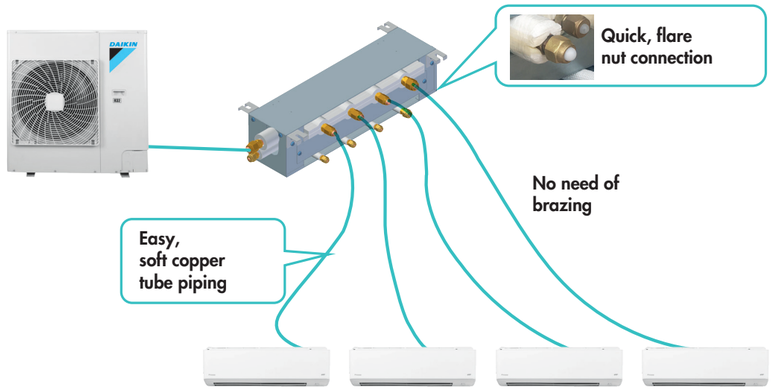
The Innovative Refrigerant Piping of Next Generation

Daikin innovated 'next generation of quality and efficiency' for VRV installation. It offers differentaited soulutions in installation. It ensures quality installation with reduction of site work.

Advantage

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





Compact design to fit into narrow attic space

HEADER PACK LINE-UP

Model Name	HP	Piping connections (Liquid/Gas mm)	
		Outdoor unit side	Indoor unit side
BHF6RHP6	4/5/6	Φ9.5/Φ15.9	(Φ9.5/Φ15.9)×1 (Φ6.4/Φ12.7)×3

SPECIFICATIONS

VRV Home Series



MODEL	Cooling only			Heat Pump		
	RXRQ4BRV16	RXRQ5BRV16	RXRQ6BRV16	RXYRQ4BRV16	RXYRQ5BRV16	RXYRQ6BRV16
Power supply	220~240V & 50 Hz,1 PHASE			220~240V & 50 Hz,1 PHASE		
Cooling capacity(kW)	11.2	14.0	16.0	11.2	14.0	16.0
Heating capacity(kW)	–	–	–	11.2	14.0	16.0
Casing color	Ivory White			Ivory White		
Dimensions(H*W*D)	990*940*320			990*940*320		
Heat exchanger	Cross Fin Coil (waffle)			Cross Fin Coil (waffle)		
Fan						
Type	Propeller Fan X 1			Propeller Fan X 1		
Motor output(W)	200			200		
Air flow rate(m^3/min)	80			80		
Drive	Direct Drive			Direct Drive		
Connecting Pipes						
Liquid pipe(flare connection)	φ9.5			φ9.5		
Gas pipe	φ15.9		φ19.1 (Braze)	φ15.9		φ19.1 (Braze)
Max actual pipe length (m)	40			40		
Total pipe length (m)	100			100		
Weight (kg)	72	72	79	73	73	82
Sound pressure level dBA	52	54	55	52	54	55
Capacity control(%)	24-100		16-100	24-100		16-100
Combination ratio(%)	50-140%					
Temp range cooling(CDB)	0 to 49			0 to 49		
Temp range heating(CWB)	NA			-20 to 15.5		
Refrigerant type	R410A					
Compressor type	Hermetically Sealed Swing Type					



Wall Mounted Type



MODEL			FXARQ20ARVE6	FXARQ25ARVE6	FXARQ32ARVE6	FXARQ40ARVE6	FXARQ50ARVE6	FXARQ63ARVE6
Power supply			1-phase, 220V / 240V 50 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			White (N9.5)					
Airflow rate (H/L)		m^3/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)		dBA	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	Ø6.4	Ø6.4	Ø6.4	Ø6.4	Ø6.4	Ø9.5
	Gas (Flare)		Ø12.7	Ø12.7	Ø12.7	Ø12.7	Ø12.7	Ø15.9
	Drain		VP13 (External Dia, 18/Internal Dia, 13)					

Mid Static Pressure Ceiling Mounted Duct Type



MODEL	WITH DRAIN PUMP		FXMRQ40ARV16	FXMRQ50ARV16	FXMRQ63ARV16	FXMRQ80ARV16	FXMRQ100ARV16
Power supply			1-phase, 220V / 240V, 50 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)		m^3/min	15/12	19/16	24/20	30/25	34/29
		cfm	530/425	671/565	848/706	1060/883	1200/1024
External static pressure		Pa	30-50	30-50	30-50	30-50	30-60
Sound level (H/L)		dBA	39/37	41/39	42/40	43/41	33/44/42
Dimensions (H×W×D)		mm	300x700x700	300x700x700	300x1000x700	300x1000x700	300x1000x700
Machine weight		kg	27	28	35	35	36
Piping connections	Liquid (Flare)	mm	Ø 6.4	Ø 6.4	Ø 9.5	Ø 9.5	Ø 9.5
	Gas (Flare)		Ø 12.7	Ø 12.7	Ø 15.9	Ø 15.9	Ø 15.9
	Drain		VP25 (External Dia, 32/Internal Dia, 25)				

Note: Specifications are based on the following conditions:

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5m, Level difference: 0m.
- Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°CDB Equivalent piping length: 7.5m, Level difference: 0m.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index.
- Sound level: Anechoic chamber conversion value, measured at a point 1.5m downward from the unit centre.

Slim Ceiling Mounted Duct Type (700 mm width type)



MODEL	WITH DRAIN PUMP		FXDRQ20PDV36	FXDRQ25PDV36	FXDRQ32PDV36
Power supply			1-phase, 220V / 240V, 50 Hz		
Cooling capacity		Btu/h	7500	9600	12300
		kW	2.2	2.8	3.6
Heating capacity		Btu/h	8500	10900	13600
		kW	2.5	3.2	4
Casing			Galvanised steel plate		
Airflow rate (HH/H/L)		m^3/min	8.0/7.2/6.4	8.0/7.2/6.4	8.0/7.2/6.4
		cfm	282/254/226	282/254/226	282/254/226
External static pressure		Pa		30-10 *2	
Sound level (HH/H/L)*1*3		dBA	33/31/29	33/31/29	33/31/29
Dimensions (H×W×D)		mm	200×700×620	200×700×620	200×700×620
Machine weight		kg	23	23	23
Piping connections	Liquid (Flare)	mm	Ø 6.4	Ø 6.4	Ø 6.4
	Gas (Flare)		Ø 12.7	Ø 12.7	Ø 12.7
	Drain		VP20 (External Dia, 26/Internal Dia, 20)		



Slim Ceiling Mounted Duct Type (900/1,100 mm width type)

MODEL	WITH DRAIN PUMP		FXDRQ40NDV36	FXDRQ50NDV36	FXDRQ63NDV36
Power supply			1-phase, 220V / 240V, 50 Hz		
Cooling capacity		Btu/h	15400	19100	24200
		kW	4.5	5.6	7.1
Heating capacity		Btu/h	17100	21500	27300
		kW	5	6.3	8
Casing			Galvanised steel plate		
Airflow rate (HH/H/L)		m^3/min	10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5.13.0
		cfm	371/335/300	441/388/353	583/512/459
External static pressure		Pa		40-15*2	
Sound level (HH/H/L)*1*3		dBA	34/32/30	35/33/31	36/34/32
Dimensions (H×W×D)		mm	200×900×620	200×900×620	200×1,100×620
Machine weight		kg	27	28	31
Piping connections	Liquid (Flare)	mm	Ø 6.4	Ø 6.4	Ø 9.5
	Gas (Flare)		Ø 12.7	Ø 12.7	Ø 15.9
	Drain		VP20 (External Dia, 26/Internal Dia, 20)		

- Cooling: Indoor temp.: 27 DB, 19 WB, Outdoor temp.: 35 DB, Equivalent piping length: 7.5m, Level difference: 0m.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index.
- Heating: Indoor temp.: 20 DB, Outdoor temp.: 7 DB, 6 WB, Equivalent piping length: 7.5m, Level difference: 0m.
- Sound level: Anechoic chamber conversion value, measured at a point 1.5m downward from the unit centre.

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

1. Values are based on the following conditions: FXDRQ-PD: external static pressure of 10Pa; FXDRQ-ND: external static pressure of 15Pa.
2. External static pressure is changeable to set by the remote controller. This pressure means "High static pressure - Standard" (Factory setting is 10Pa for FXDRQ-PD models and 15Pa for FXDRQ-ND models).
3. 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 dBA.

