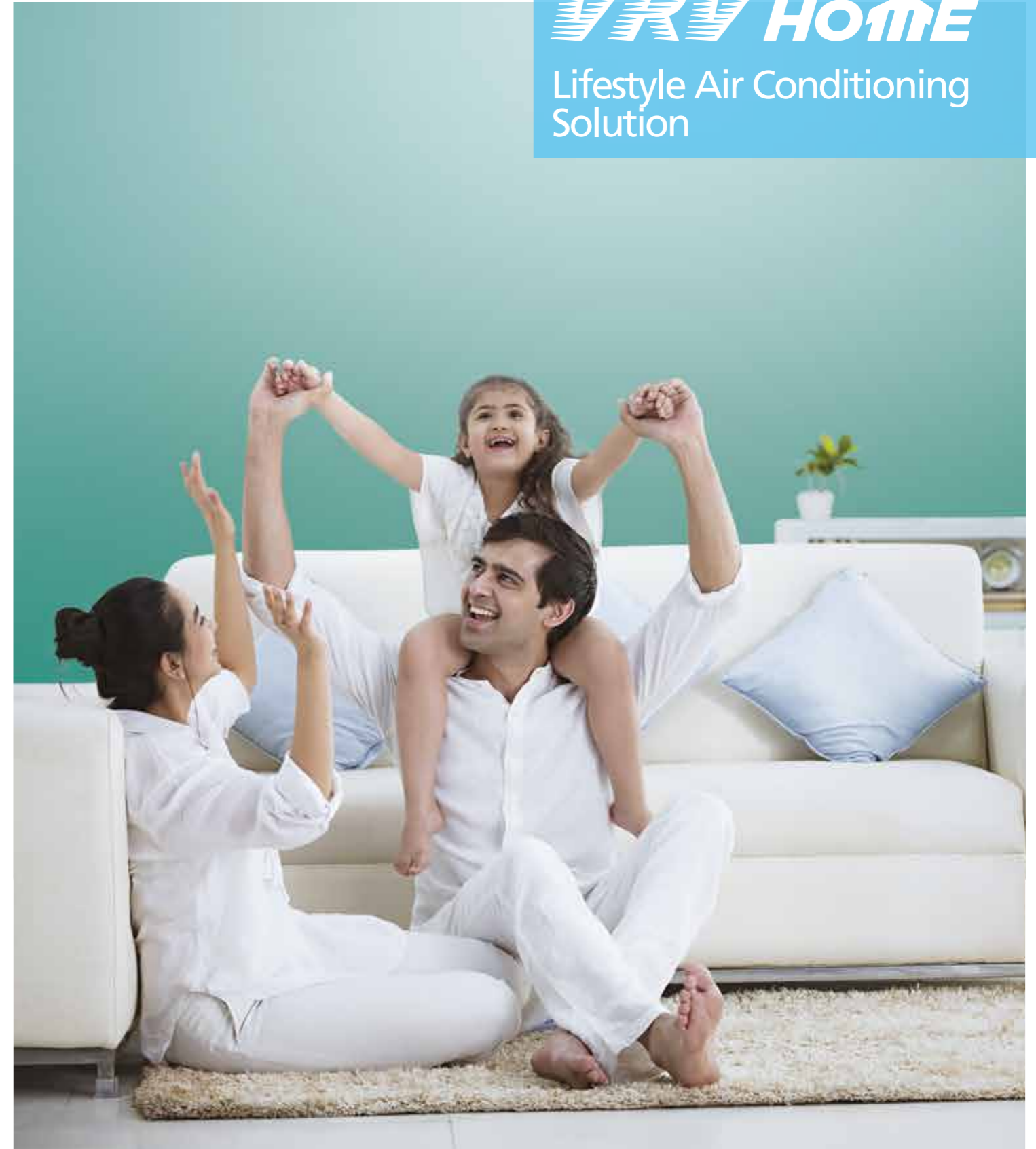


PRESENTING

**VRV HOME**

Lifestyle Air Conditioning  
Solution



**DAIKIN AIRCONDITIONING INDIA PVT. LTD.**

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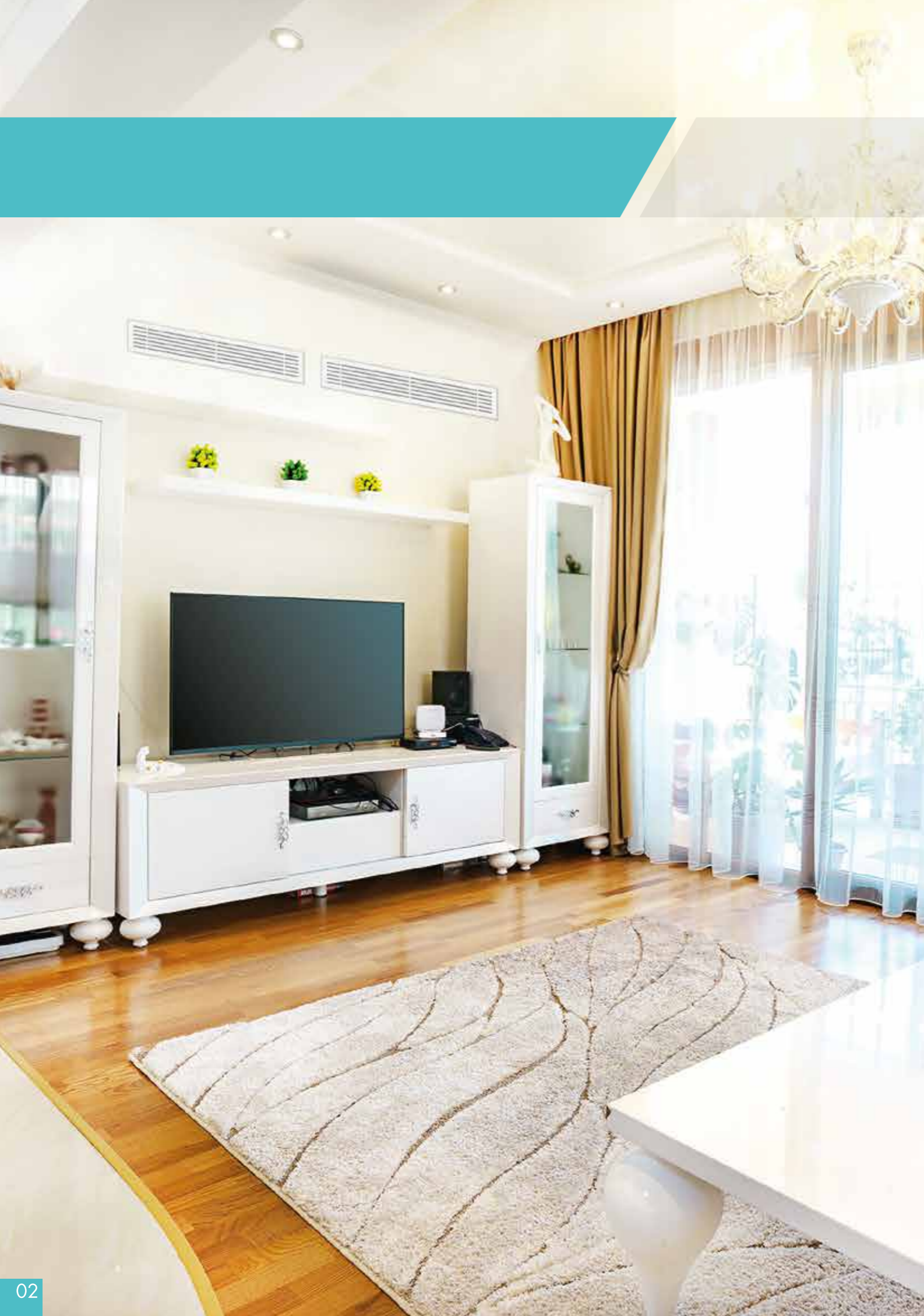
To know more, give a missed call or SMS: <DAIKIN> to 9210188999 | Visit us at: [www.daikinindia.com](http://www.daikinindia.com) | Buy at: [www.mydaikinstore.com](http://www.mydaikinstore.com)  
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Disclaimer As a continuing policy of product innovation 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, 2011 and 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](http://www.daikinindia.com) or contact our customer care centre at 011-40319300 / 1860 180 3900.



For More Information  
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DAIPL-2019/22-VRVHM-2D



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# 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 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 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

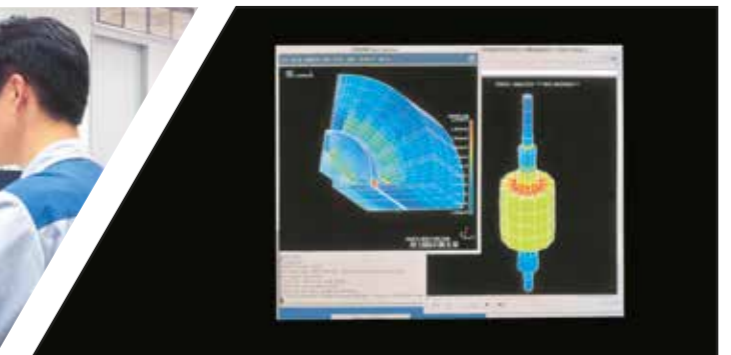


At Daikin, we are creating value through innovative technologies. As a global industry frontrunner, we are carrying out research and development on the world's most advanced air conditioning technology. Our strong R&D edge has helped us create futuristic products that enrich people's lives.

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 specialised 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.

# 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 LIFE STYLE

### 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 hung 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
- USER COMFORT

- 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.



### HEAT PUMP SERIES

MODEL NAME	RXYRQ4ARV16	RXYRQ5ARV16	RXYRQ6ARV16
CAPACITY RANGE	4 HP (11.2 kW)	5 HP (14.0 kW)	6 HP (16 kW)

### COOLING ONLY SERIES

MODEL NAME	RXRQ4ARV16	RXRQ5ARV16	RXRQ6ARV16
CAPACITY RANGE	4 HP (11.2 kW)	5 HP (14.0 kW)	6 HP (16 kW)



# ENERGY EFFICIENCY



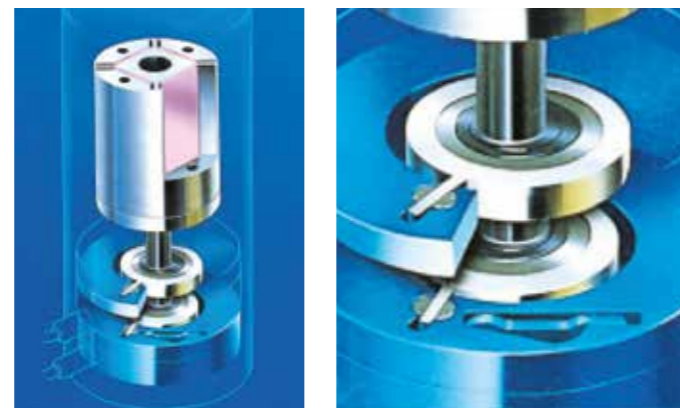
## SWING COMPRESSOR

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.

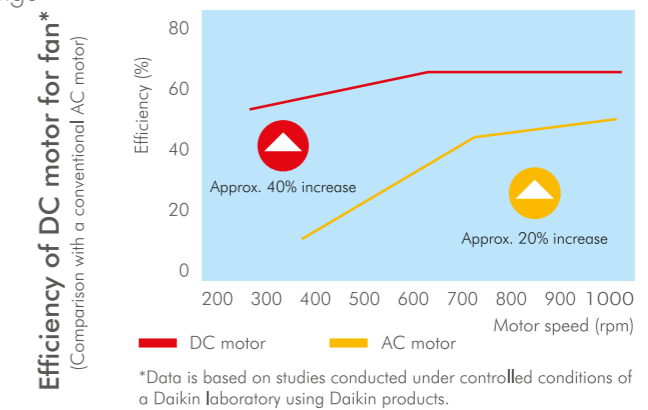
Daikin was presented 32nd Chairman's award by the Japan society for the promotion of the machine industry for swing compressor



# ENERGY EFFICIENCY

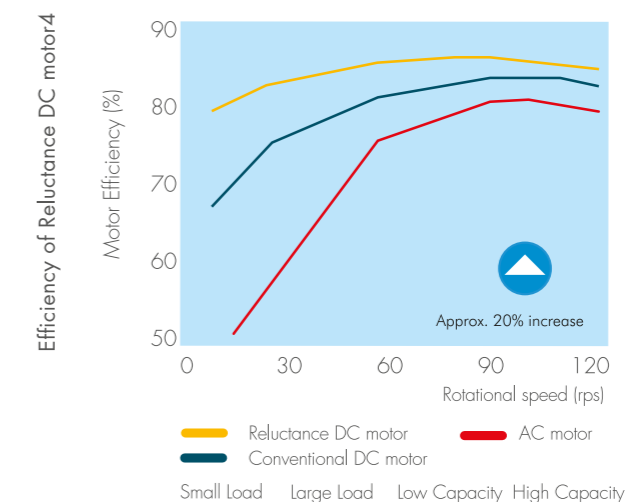
## DC FAN MOTOR

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

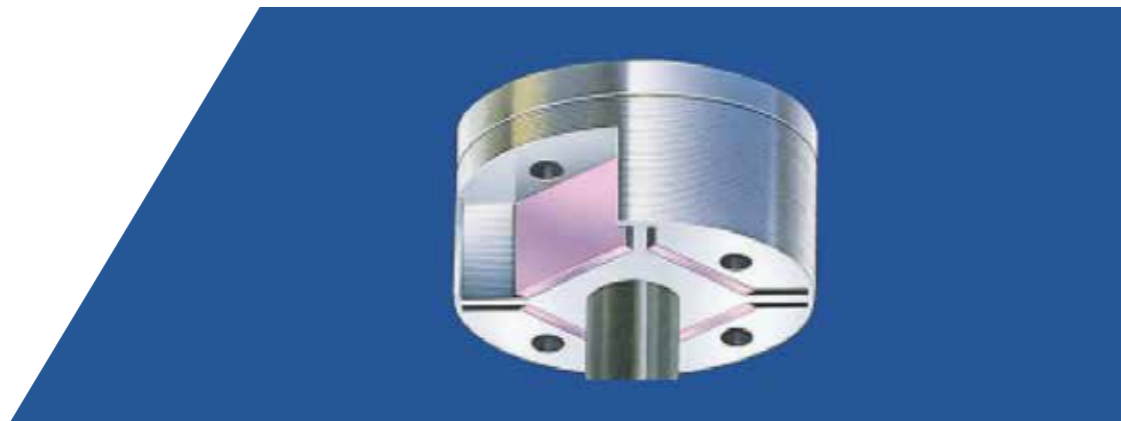


## RELUCTANCE DC MOTOR FOR COMPRESSOR

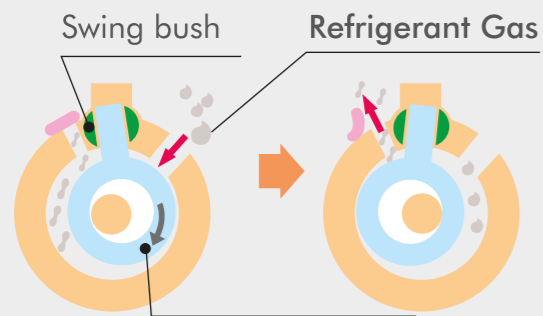
Daikin DC inverter models are equipped with the reluctance DC motor for compressor. The reluctance DC motor uses two different types of torque, neodymium magnet<sup>1</sup> and reluctance torque<sup>2</sup>. This motor saves energy by generating more power with a smaller electric current than AC or conventional 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<sup>3</sup> improving efficiency by approximately 20%.



# ENERGY EFFICIENCY



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.

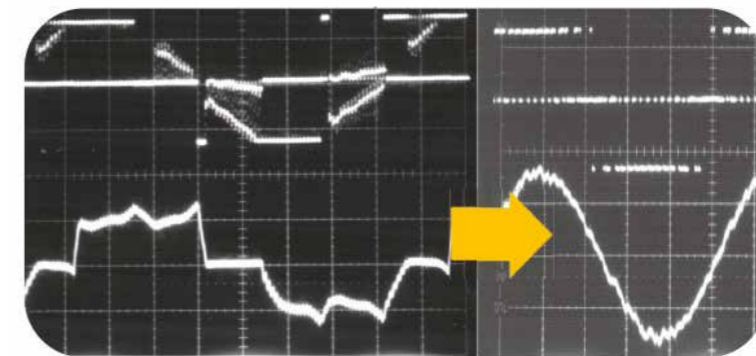


Neodymium magnets are approximately 10 times stronger than standard ferrite magnets. The use of neodymium magnets in Daikin compressors enhances their performance\*. Besides, it helps to improve the frequency range used by air-conditioners during periods of stable operation in which air-conditioners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

# ENERGY EFFICIENCY

## 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.

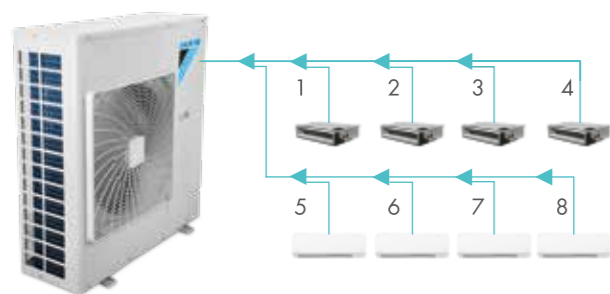
As many as 8 indoor units can be connected to a single outdoor unit

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.

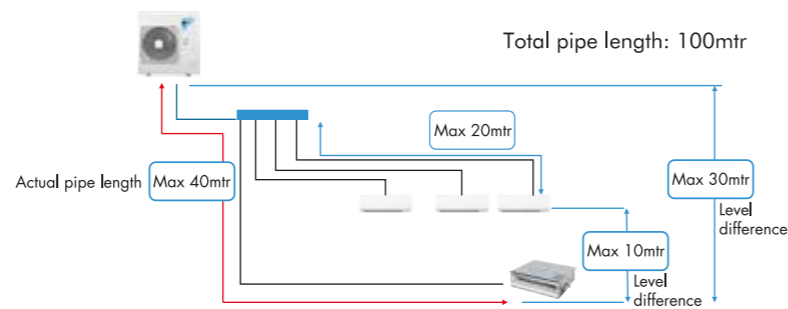
Long piping design possible

The VRV Home provides long piping length possibility of 40 m, 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 30 m. 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



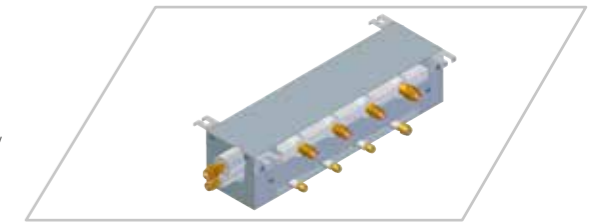
Total piping length  
Max. 100m

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

# 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

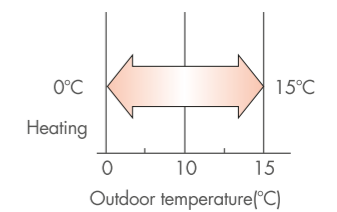
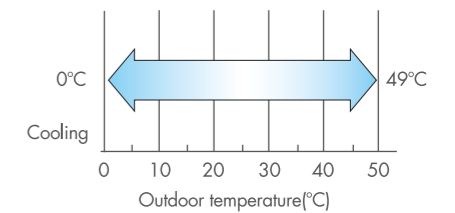
With VRV Home, one has flexibility to connect upto 140% capacity of indoor units over outdoor units, in order to take advantage of redundancy of usage (Connection capacity from 50% to 140%).

## WIDE OPERATION RANGE

### WIDE OPERATION TEMPERATURE RANGE

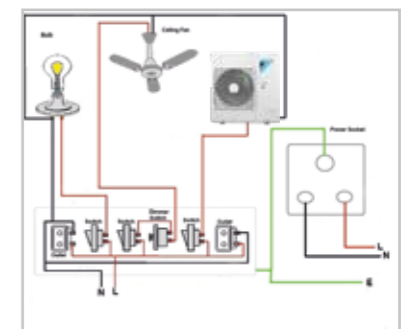
The versatile operation range of the VRV Home system works to reduce limitations on installation locations. The operation temperature range for heating goes all the way down to 0°C, while cooling can be performed with outdoor temperatures as high as 49°C.

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.

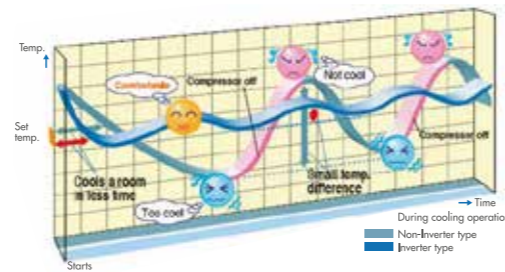


# USER COMFORT



## PRECISE TEMPERATURE CONTROL

The inverter technology provides very close tolerance of room temperature in the range of  $\pm 0.5$  degree celcius compared to conventional system where in it is as high as  $\pm 2$  degree celcius. 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 unit.

# USER COMFORT

## 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 dB(A) (Step 1), 44 dB(A) (Step 2) and 41 dB(A) (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)



# CONTEMPORARY

## 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 connecting 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 LIFE STYLE

Technology meets Design



# CONTEMPORARY

## 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.



# VRV INDOOR UNIT



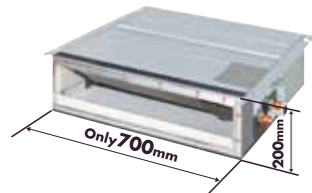
## Slim Ceiling Mounted Duct Type

Slim design, quietness and static pressure switching

SUITED TO USE IN DROP-CEILING

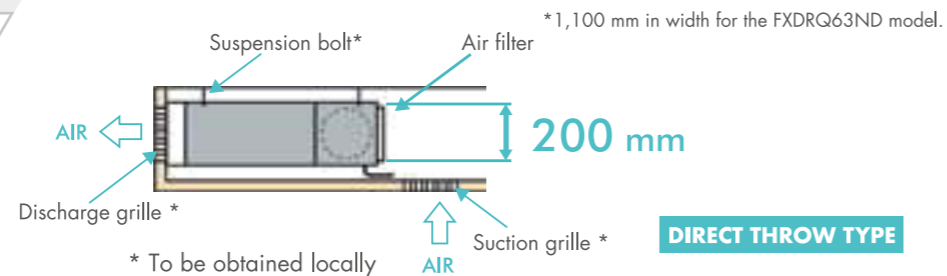
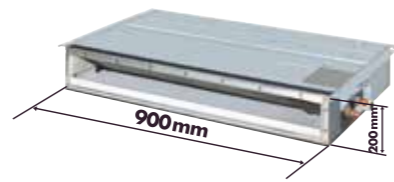
FXDRQ20PD / FXDRQ25PD / FXDRQ32PD

- 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.



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

Low operation sound level	(dB(A))			
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

# VRV INDOOR UNIT

## Mid Static Pressure Ceiling Mounted Duct Type

FXMRQ40A / FXMRQ50A / FXMRQ63A  
FXMRQ80A / FXMRQ100A

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.

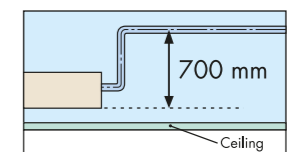


High airflow rate



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.



# VRV INDOOR UNIT

# MOBILE CONNECTIVITY

## Wall Mounted Type

FXARQ20A / FXARQ25A  
FXARQ32A / FXARQ40A  
FXARQ50A / FXARQ63A

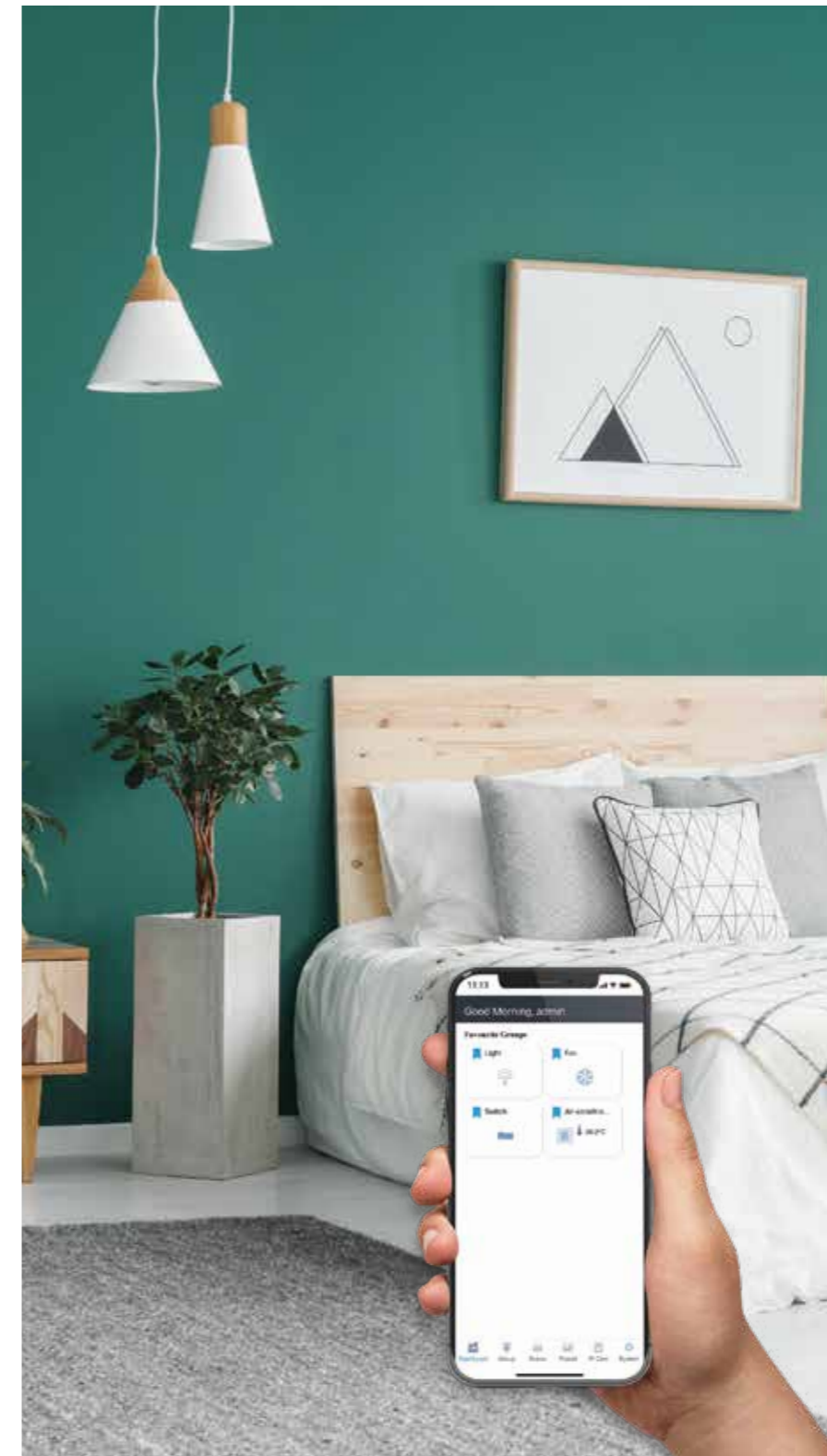


Stylish flat panel design harmonised  
with your interior décor



- 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  
Lite Version  
DCPH02

# SMART CONTROL FOR RESIDENTIAL OVERVIEW

## Reiri for Home

### Lite Version

The best smart air-conditioner controller for homeowners to achieve maximum comfort and energy savings.

#### FEATURES

- User-friendly App Interface
- Complete control of all air-conditioners
- Easy installation and configuration
- Push Notification
- Compliant with Cyber-security standard (EN303645)



#### SPECIFICATIONS (SOFTWARE)

Category	Functions	Description
Monitoring and Control Functions	Management points	Maximum number of management point: 30
	Groups	Maximum number of groups: 5
	Monitoring Screens	Icons show the operation status of equipment
	Remote Control Prohibition	Individually prohibit operation of each local remote-control function
	Setpoint Range Limitation	To limit setpoint range for each indoor unit management point
Automation Control Functions	Automatic changeover	Number of changeover groups: 5
	Off Timer	Off timer duration can set from 5min to 120min with every 5min interval
	Setback	Setback setpoint can be selected within 24-35°C in cooling mode and 5-20°C in heating mode.
	Schedule	Number of programmes: 10 Up to 20 actions can be registered per pattern. Weekly Schedule Up to 10 patterns (including yearly calendar) can be set. Yearly Calendar A pattern set as calendar has high priority than a pattern which is set as day of a week.
Data Management	History	Management point operation, management point status change, management point error/alert message, function execution and system information are recorded for one year.
	Report*	Operation data (latest information and operation report) and error report on daily/monthly basis.
System Setting	Account Management	Access through mobile application/ Web browser. Up to 10 accounts (Admin and User account) can be registered. Screens and operation accessible to general users can be restricted by admin account.
	Security	LAN communication: AES-128-CBC with RSA 2048 Internet communication: TLS 1.2 Account password storage: SHA256 hashing and AES-128-CBC together with other account information Device login password storage: AES-128-CBC
	Supported languages	English, Spanish, Portuguese, Simplified Chinese, Traditional Chinese, Vietnamese, Bahasa (Indonesia), Thai
	Notification	Push notification in cases: 1) Error/alert detected 2) Specified management point started 3) Version update messages
	Email Alert	Malfunction Alert will be sent to preset email account

#### OPTIONAL ACCESSORIES

##### A/C CONNECTION HARDWARE

Type	Model	Item	Remarks
A/C Connection Interface Adaptor	DCPA01	Adaptor for Reiri	Up to 30 indoor units can be managed
	BRP072B42	Daikin Mobile Controller Adaptor (for RA units)	For individual RA Indoor Unit
	BRP072C42	Daikin Mobile Controller Adaptor (for RA units)	For individual RA Indoor Unit
	BRP072C42-1	Daikin Mobile Controller Adaptor (for SA units)	For individual SA Indoor unit
	-	DAMA Interface Adaptor (NetPro Dual)	For individual DAMA AC unit
SkyAir Connection Interface Adaptor	DTA102A52	Interface adaptor for SkyAir	For individual SkyAir Indoor Unit
	DTA112BA51	Interface adaptor for SkyAir	For individual SkyAir Indoor Unit
Residential Unit Connection Interface Adaptor	KRP928BB2S	Interface Adaptor for residential indoor unit	For individual Indoor Unit
Packaged Air Unit Connection Interface Adaptor	DTA107A55	Central control adaptor unit	For UAT(Y)-K(A), FD-K

##### OPTIONAL SOFTWARE

Type	Model	Item	Remarks
Controller Software	DCPN006	Residential Automatic Control	Setback, Setpoint Range, Remote Control Prohibition, Automatic Changeover functions for individual controller
	DCPN007	Residential System Report	Operation Report, Error Report functions for individual controller

## Individual Control Systems for VRV Indoor Units

### Navigation remote controller (Wired remote controller) (Optional)



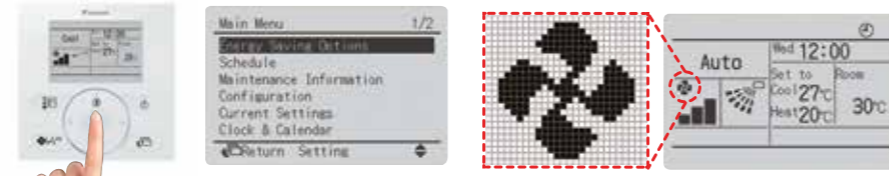
BRC1E63

#### Clear display

- Dot matrix display  
A combination of fine dots enables various icons. 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 (separate 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

#### 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)



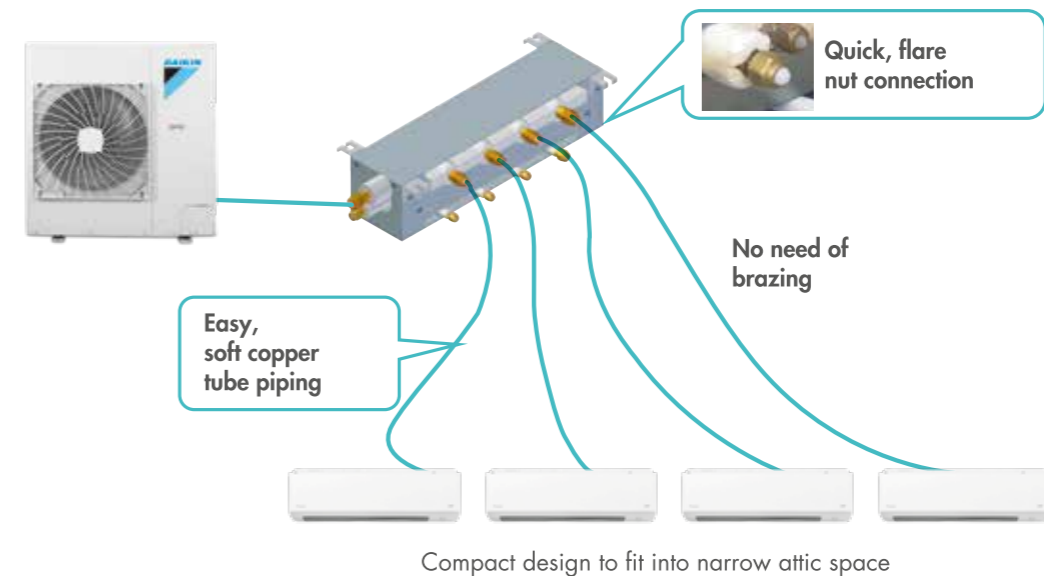
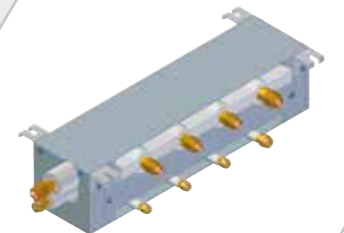
For More information 'Scan Me'

## The Innovative Refrigerant Piping of next generation

Daikin innovated Next Generation of Quality and Efficiency for VRV Installation. It offers differentiated solutions 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



### 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		
	RXRQ4ARV16	RXRQ5ARV16	RXRQ6ARV16	RXYRQ4ARV16	RXYRQ5ARV16	RXYRQ6ARV16
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(multi slit)			Cross Fin Coil(multi slit)		
<b>Fan</b>						
Type	Propeller Fan X 1			Propeller Fan X 1		
Motor Output(W)	200			200		
Air Flow Rate(m <sup>3</sup> /min)	76			76		
Drive	Direct Drive			Direct Drive		
<b>Connecting Pipes</b>						
Liquid Pipe(Flare Connection)	φ9.5			φ9.5		
Gas Pipe (Flare Connection)	φ15.9			φ15.9		
Max actual pipe length (m)	40			40		
Total Pipe length (m)	100			100		
Weight (kg)	72	72	79	73	73	82
Sound pressure level dB(A)	52	54	55	52	54	55
Capacity Control(%)	24-100		16-100	24-100		16-100
Combination ratio(%)	50-140%			50-140%		
Temp range Cooling(CDB)	0 to 49			0 to 49		
Temp range Heating(CDB)	NA			0 to 15		
Refrigerant Type	R410A	R410A	R410A	R410A	R410A	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 <sup>3</sup> /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	Ø 6.4	Ø 6.4	Ø 6.4	Ø 6.4	Ø 9.5
	Gas (Flare)		Ø 12.7	Ø 12.7	Ø 12.7	Ø 12.7	Ø 15.9
	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 <sup>3</sup> /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)	dB(A)		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: 7.5 m, Level difference: 0 m.
- Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°CDB Equivalent piping length: 7.5 m, Level difference: 0 m.
- 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 1.5 m 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 <sup>3</sup> /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	dB(A)	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)	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	FXDRQ63 NDV36
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 <sup>3</sup> /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	dB(A)	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)	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: 7.5 m, Level difference: 0 m.
- 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: 7.5 m, Level difference: 0 m.
- Sound level: Anechoic chamber conversion value, measured at a point 1.5 m 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 10 Pa; FXDRQ-ND: 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 FXDRQ-PD models and 15 Pa 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 dB(A).

