DAIKIN

Dealer


**PT. DAIKIN AIRCONDITIONING INDONESIA**

**HEAD OFFICE :**
Wisma KEIAI 18th Floor
Jl. Jendral Sudirman Kav. 3, Jakarta Pusat 10220
Telp : +6221 5724 377
Fax : +6221 5724 366/55
Website : www.daikin.co.id


Management System ISO 9001:2015
TÜVRheinland CERTIFIED
www.tuv.com


• **SERVICE AND SPARE PARTS : Rempoa**, Telp. : 021-736 92899 | **Cirebon**, Telp. : 0231-880 2760
**Samarinda**, Telp. : 0541-252 2889 | **Banjarmasin**, Tlp. : 0511-326 8168
• **TRAINING CENTER : Sunter**, Telp. : 021-6505028 • **BRANCH : Bekasi**, Telp. :021-294 50585
**Tangerang**, Telp. : 021-531 41195 | **Bandung**, Telp. : 022-522 5150 | **Semarang**, Telp. : 024-841 2695
**Yogyakarta**, Telp. : 0274-551 321 | **Surabaya**, Telp. : 031-503 1138 | **Denpasar**, Telp. : 0361-900 5514
**Makassar**, Telp. : 0411-446 263 | **Palembang**, Telp. : 0711-573 2282 | **Pekanbaru**, Telp. : 0761-561 139
**Medan**, Telp. : 061-4200 8866

**Daikin Contact Center : 0800 1 081 081 (Toll Free)**


DAIKIN CONTACT CENTER
0800 1 081 081
BEBAS PULSA
365 hari/tahun
Jam Beroperasi :
Senin - Jumat : 07.00 – 19.00 WIB
Sabtu - Minggu & Libur Nasional : 08.00 – 17.00 WIB



DAIKIN

# NEW LIFE STYLE

Brings you a brand new **comfortable premium experience**

HOME CENTRAL
AIR CONDITIONING


DIDPS0920

DAIKIN Technology & Innovation Centre
at Osaka, Japan

# DAIKIN AC SPECIALIST

At Daikin, we are not only committed to delivering the highest quality of air conditioners, we also take into consideration the optimal comfort of our valued customers. Our passion in designing and producing smart technologies ensures that your comfort levels are maximized.

Daikin is widely recognized as an expert in air conditioning. As a specialist, air conditioning is the core of our business. In fact, we are the only company in the world that manufactures both air conditioners and refrigerants. This ultimately enables us to provide the world's leading solution in air conditioning with the integration of performance, quality, and reliability.

## CONTENT

# VRV HS

Premium choice for high end property




# Peace of mind

Refined Design for Modern Living Exclusive and Compact Design of DAIKIN's Home Central with various capacity is created to meet modern living which requires smaller space.

## Various capacity to match with different needs

Capacity of home central air conditioning ranging from 4HP to 12HP in order to meet different size of property and avoid any over & under size of cooling experience.

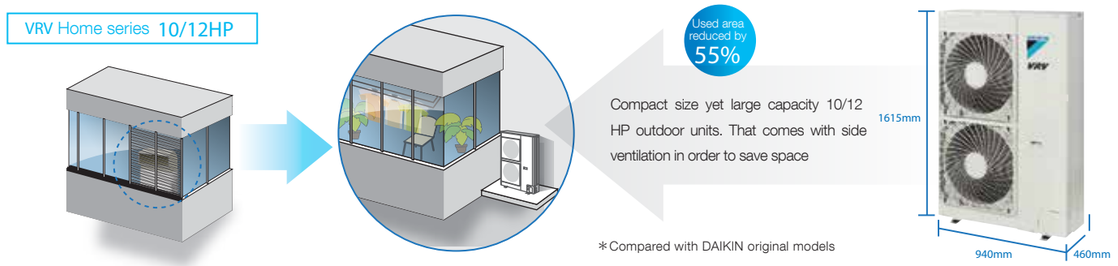
### VRV Home series outdoor selection

| VRV Home Series (HP) | 4 | 5 | 6 | 8 | 10 | 12 |
|---|---|---|---|---|---|---|
| Cooling Capacity (kW) | 11.2 | 14.0 | 15.5 | 22.4 | 28.0 | 33.5 |


Wide line-up of outdoor units
VRV HS

## Compact outdoor units, create neat and beautiful building

DAIKIN home central air conditioning outdoor comes in small size and it is easy to be placed under the bay window and aircond ledge, so the apperance of buildings can be neat and beautiful. Moreover, the new three pipes indoor machines can also be installed in landed house and apartment, providing you comfort.



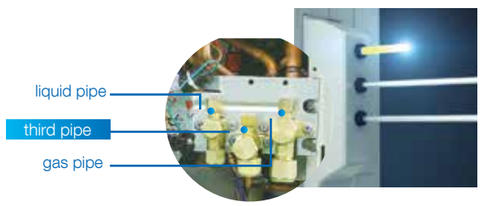

＊Compared with DAIKIN original models

# Advanced technology by DAIKIN

DAIKIN's Home Central adopts the new technological breakthrough.
With additional third pipe (a high and low pressure pipe) from the original system, DAIKIN's Home Central can control essential elements such as humidity to fulfill your modern lifestyle.

## Breakthrough temperature and moisture control technology

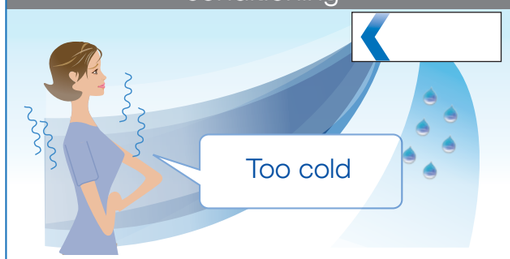
The connection of three piping is realized in outdoor unit, which means that a third copper tube, namely a high and low pressure pipe is added to the original gas pipe and liquid pipe to form two circuits and achieve the dual control of temperature and humidity.




### Dual heat exchanger of reheat dehumidification


- Reheating is conducted by recycling waste heat to reduce the operating costs
- Independent control of humidity and temperature.
- Humidity control is relatively accurate, so dehumidification is efficient and can be used in a wide range.
- Temperature and humidity are parallel to ensure relative stability of air temperature in the room,controlling humidity without decreasing temperature.

### Dehumidification by common air conditioning

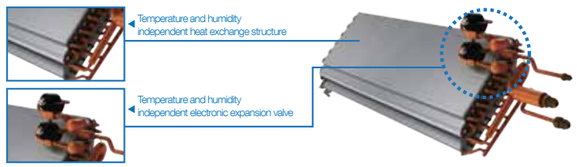



- The technology is not advanced and there is no function of heat recovery
- A humidity sensor probe to the ordinary indoor unit for auto moisture control only through the use of control procedures.
- Dehumidification range is narrow, making it easy to recover humidification in the environment is thus, resulting in low applicability .
  Priority is given to humidity control and full refrigeration is implemented for
- dehumidification, without considering the feelings of human body during dehumidification.



### Unique design of dual electronic expansion valve, for precise balance control of humidity and temperature

Both of the two heat exchangers of indoor unit have independent electronic expansion valve to control the refigerant flow, so as to achieve precise temperature control and up to third level of humidity adjustment.

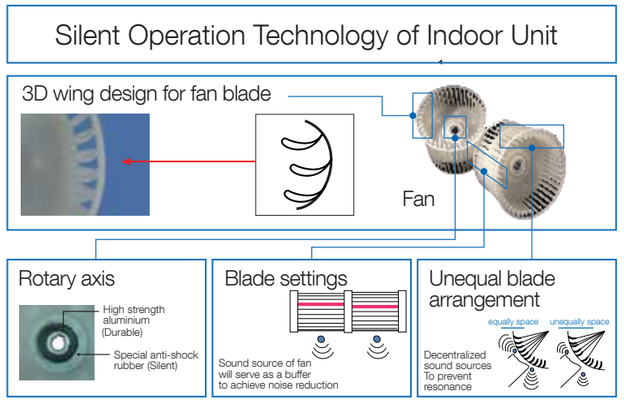


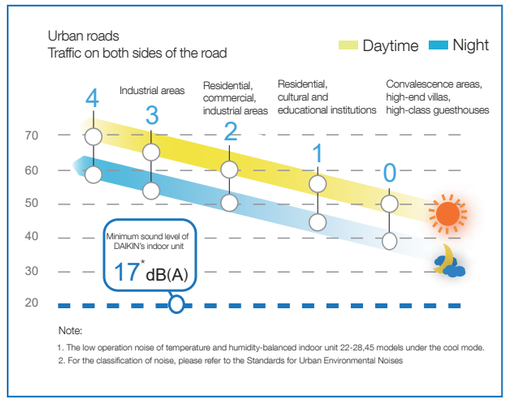

### Reheat and dehumidification technology bringing double enjoyment of comfort and energy saving

In the comfort cooling mode, the heat waste generated by refrigeration is used for the reheat cycle to achieve effective heat recovery. the dehumidification consumes only a small amount of electricity, the indoor unit dehumudification will no longer cause cold and bitter feeling to human body in the rainy season, so as to satisfy the requirements of comfort and energy saving.

## Quiet operation ensures tranquillity and comfort

### Silent Operation Technology of Indoor Unit

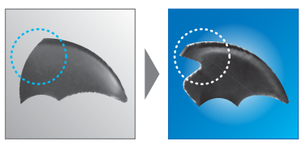



### ▶ V-cut fan design for outdoor unit

#### V-cut wing-shaped fan*1

Inspired by the bird wing, DAIKIN improved the shape of the fan blades to get better operating performance, and further reduce the operating sound of outdoor unit.



**V-cut wing-shaped design**
The design of wing-shaped blade allows the airflow to be even more uniform, while reducing airflow losses and reducing input power.


*1. Only for 10/12 HP
* 2. Compared with the original wind source

# Advanced technology by DAIKIN

## A suitable "heart" is a realiable guarantee for long-lasting and stable power supply

It is the reliable quality that really impresses the owners. Adhering to its consistent business philosophy. Daikin has established its own R&D or VRV HS, supplemented by advanced technologies enabling it to manufacture The DAIKIN Home Central products that deliver peace of mind to owners.

### Efficient, quit and durable swing compressor

Compressor is a vital part of the air conditioning system, because its performance is closely related to the overall performance of the air conditioning system. Having accumulated years of experience in the development and production of compressors, DAIKIN has been constantly looking for the technical balance between central air-conditioning systems and the compressors, aimed to select the right heart for each outdoor unit.

*Applicable to 4/5/6HP

#### Powerful DC inverter Swing Compressor

Swing compressor combines the rotor and the blade into one, solving the problems of wear and refrigerant leakage caused by friction between the rotor and the blade.


#### Swing compressor is efficient, quiet and durable

**Swing compressor**

It reduces refrigerant leakage and improves the volumetric efficiency and indication efficiency, facilitates energy saving, avoids the relative sliding of the rotor and blade, and reduces friction losses and power losses.

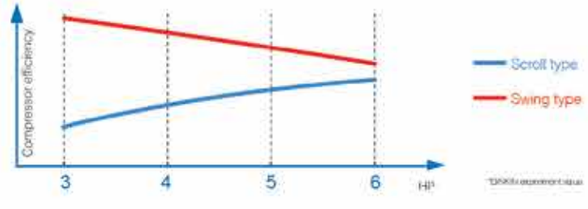

**Rotor compressor**

It has a long sealing line, resulting in poor sealing performance and great loss from leakage, and the leakage, friction and wear between the vane and the cylinder wall considerably restrict the improvement of its working life and efficiency.


#### Comparison of swing compressors and scroll compressors

Swing compressors and scroll compressors are different in structure. Therefore, in different operating conditions and capacity, their performances will be different. After years of testing and countless times of calculations, DAIKIN gained the expertise to choose the suitable compressor that match different capacities and fit the actual operation condition of air conditioning system, so as to ensure energy-saving and comfortable experience.

Comparison of Performance of Swing Compressor and Scroll Compressor under 50% Load






## New V-Powered High-Medium Pressure Chamber Compressor

Compressors are the most important core components of air conditioning systems, which directly determine the overall performance of the systems. The newly upgraded V-powered high-medium pressure scroll compressor is equipped with a number of independently developed technologies, and further enhances the efficiency of the use and operational stability of the compressors.

**1 High and medium pressure partition plate**

By setting the high and medium pressure partition plate, we effectively reduce the impact of high temperature refrigerant at the exhaust vent on the intake port low temperature refrigerant to avoid the ineffective thermal expansion of refrigerant before it comes into the compression chamber, therefore ensuring the compression efficiency.

**2 Housing with high rigidity**

The compressor's housing is rugged and can reduce the vibrations generated during compressor operation, better reducing noise and effectively increasing the compressor's usage life.

**3 High pressure cyclone guide baffle**

Through a special baffle structure, it injects refrigerant directly to the motor for cooling purpose. At the same time, a high pressure cyclone is formed in the middle of the compression chamber to achieve the effective cooling of the motor, therefore increasing the motor's life.
In that case, the refrigerant will form a high-speed flow in the shell, separating the refrigerator oil from the refrigerant, reducing the discharge of refrigeration oil, thereby enhancing the reliability of the compressor.

**4 Magnetoresistive brushless DC motor stator**

Suppression of rotational vibration
Stiffness of the stator
Reduced magnetic field loss

**5 High efficiency neodymium magnet brushless DC motor rotor**

The magnetism of neodymium magnet is 10 times of that of the common magnet, and the former has greater start torque and higher efficiency of motor in the same intensity electromagnetic field.

**6 Two-ends fixed bearing**

Bearings are used in the upper and lower parts of compressor's crankshaft for fixing purpose, so as to effectively ensure the high-speed stable operation of the crankshaft, enhance the stability of the compressor and reduce operating noise.


Applicable to10/11/12HP

**7 Mute shock-absorbing pressure reducing valve**

Striving to minimize the over-compression, while adopting the shock absorption process with a silencer structure with high precision, meanwhile using the spring fixing pieces, so that the compressor is more stable and has less noise during operation.

**8 High-precision whirlpool compression chamber**

To effectively improve the compressor's compression efficiency through a number of patents combinations:

- Asymmetric scroll structure / in advance opening technology
  The formation of two non-simultaneous exhaust suction chamber avoids the pressure loss caused by simultaneous exhaust.
- Non-equidistant tooth thickness technology
  By utilizing the changes in the thickness of the internal and external walls of scrolls, it can effectively enhance the compressor's refrigerant intake volume, and further enhance the compression efficiency.

**9 HIGH-MECHA anti-thrust structure**

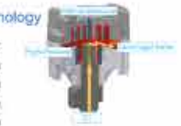
Through this structure, high-pressure oil will be diverted into the mirror plate between the moving and static scrolls, sealing the compression chamber while generating an anti-thrust force, therefore reducing the contact pressure and friction loss, improve the reliability of the machine.

**10 Back pressure control technology** New

When the compressor is under low-load operation, dynamic scroll buoyancy will be insufficient due to reduced pressure ratio, resulting in increases in axial gap static and dynamic scrolls, resulting in refrigerant leakage and reducing volumetric efficiency.
DAIKIN uses a special intermediate pressure structure featured with the back pressure control technology, which diverts the refrigerant with middle pressure into the outer side around the dorsal disc to improve the pressure on the back of the dynamic scroll, so that the scroll fit more closer, avoiding refrigerant leakage, achieving high volumetric efficiency during low-load operation, and improving the compressor energy efficiency under low load.

**11 Differential pressure film lubrication technology**

Through the pressure difference centrifugal force and other means, oil is supplied to the various rigid contact surfaces within the compressor, which effectively reduce the compressor's internal friction loss and operation noise, making the unit more stable in operation and leading to longer life of the compressor.



### High and medium pressure chamber scroll compressor

- By adopting the back pressure control technology, the scroll bits lighter under low-load operation, therefore enhancing the compression efficiency of the compressor.
- Compared to high pressure chamber compressors, high and medium pressure dividers are set in this kind of compressor to avoid ineffective heat loss and improve efficiency.
- Refrigerant directly flow into the compression chamber for compression, eliminating ineffective preheating and improving efficiency.
- The motor is cooled by exhaust with a higher temperature, therefore higher requirements for motor processing technology shall be met.

### High pressure chamber scroll compressor

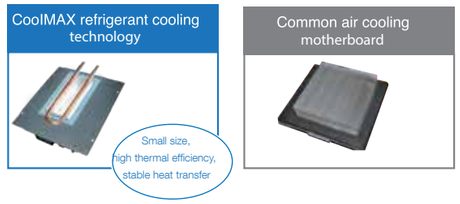
- The refrigerant gas flows into the compression chamber from the upper part of the compressor for compression purpose, so there will not produce invalid heat loss due to the heat of running motor at the lower part of the compressor.
- The lubricating oil is delivered oil by utilizing the difference in pressure, so there is no need to add other power devices. Oil supply is stable, and energy consumption is low.
- The motor is cooled by exhaust, with a higher temperature, therefore higher requirements for motor processing technology shall be met.
- Such compressor's internal spaces are interconnected, so when the high temperature refrigerant is discharged from the compression chamber, they must go through the area where the intake tube rests in. As heat exchange occurs between the tube wall and uncompressed low temperature refrigerant, inefficient heat loss may be generated.

### Low pressure chamber scroll compressor

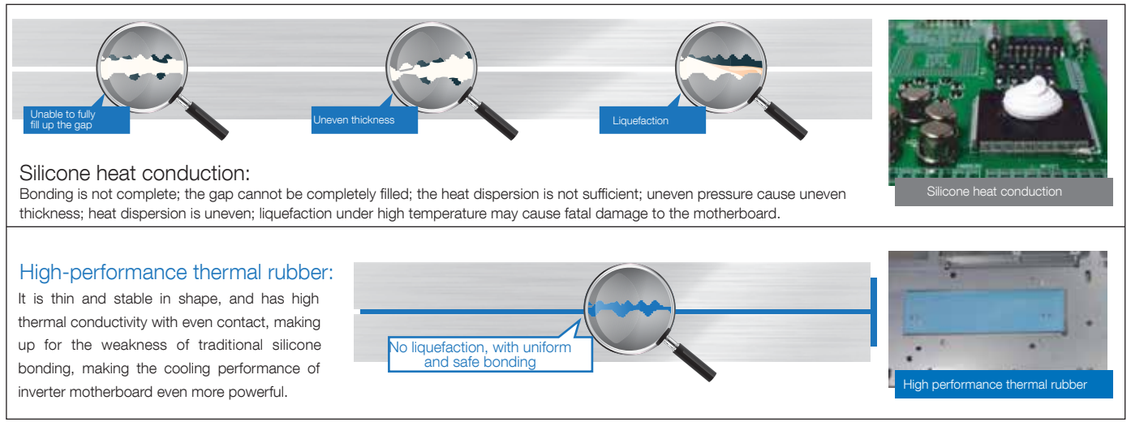
- The motor is cooled by exhaust with a lower temperature, therefore lower requirements for motor processing technology shall be met.
- After cooling the motor, the temperature increases, the refrigerant circulation is reduced and the efficiency is lowered down.

# Refrigerant cooling technology

When the outdoor unit is running, the inverter motherboard will generate a lot of heat. If the motherboard's temperature rises to an abnormally high level, it will lead to lower operating rates, and affect the overall stability of the system. In 2011, DAIKIN became the first to use Coolmax refrigerant cooling technology in the industry, further enhancing the cooling efficiency of the inverter board through in-depth optimization of thermal design. Similar cooling technology has also been used in a variety of high-tech electronic products, such as high-speed high-capacity computing computer.




The applications of high-performance thermal rubber, combined with DAIKIN's refrigerant cooling technology, further enhance the cooling efficiency of the inverter board

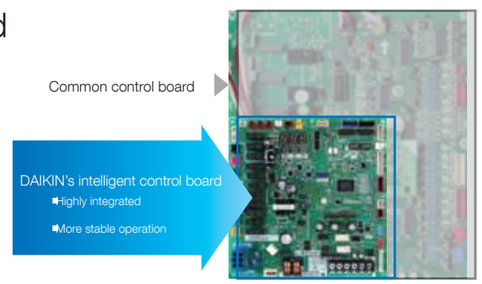



# Intelligent control board

As the core technology to realize the refrigerant flow Home Central system technology, the HIG intelligent control board is one of the successful example of DAIKIN's expertise in research and development of high-end technologies.

## A new generation of HIG intelligent control board

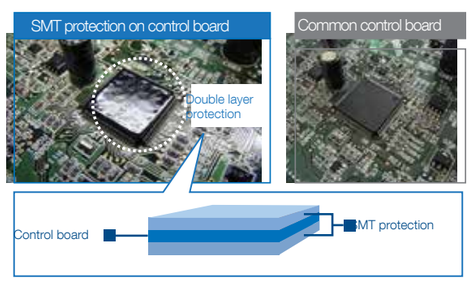
DAIKIN's latest HIG intelligent control board is highly integrated, with reduced area and reduced incidence of failures.




## SMT * mounted technology

SMT mounted technology is used in the entire computer control board to achieve high durability of the board, making it easy to deal with a variety of harsh environments.

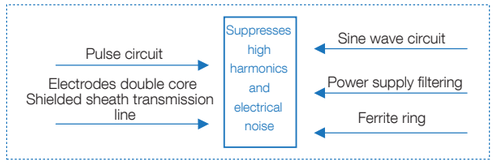
*SMT: Surface mounted technology






# Suppresses high harmonics and electrical noise

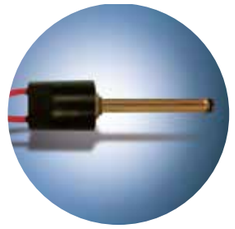
DAIKIN has been committed to the use of inverter technology in air conditioning systems, and it is especially experienced in the suppression of high harmonics and electrical noise. Through the motherboard filter and combining a variety of other components and measures, the generation of high harmonics and electrical noise can be effectively inhibited.




# Advanced refrigerant pressure detection technology, ensure stable and efficient system

## Low pressure protection

By measuring the pressure data of the suction pipe, it can protect the compressor from the impact of low-pressure transient changes. Compared to the ordinary way of using temperature sensors to carry out low-pressure protection, it can react more quickly, better reflecting the immediate operation conditions of equipment.



## High pressure protection

Protecting the compressor from the impact of high-pressure transient changes.

# Care for the Earth and your health

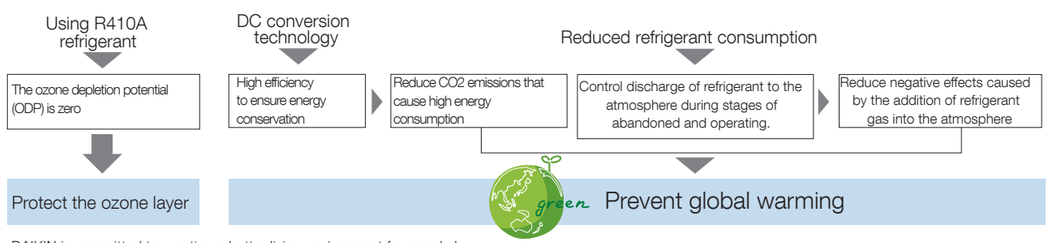
## Full response to the RoHS directive

ROHS is the acronym for the Directive on the Use of Specific Hazardous Substances in Electrical and Electronic Equipment. This Directive prohibits the use of the following six hazardous substances: lead, mercury, pickaxe, hexavalent chromium, polyvalent diphenyl ether (PBDE) or poly biphenyl (PBB) in electrical and electronic equipment. The purpose of the Directive is to protect human health and to ensure that the recycling and processing of waste electrical and electronic equipment meet the environmental requirements.

| Subject matter | Administration basis (weight ratio) | Representative analysis method |
|---|---|---|
| Lead | ＜1000ppm | Fluorescence X-ray or TCP |
| Pickaxe | ＜1000ppm | |
| Mercury | ＜1000ppm | |
| hexavalent chromium | ＜1000ppm | Diphenyl Carbazide Method |
| PBB, PBDE | ＜1000ppm | CC-MS |

2002/95 / EC EU RoHS Directive

# Protect the ozone layer and prevent global warming




DAIKIN is committed to creating a better living environment for people by producing and popularizing the R410A refrigerant without causing damage to the ozone layer. Combined with the DC inverter technology, it can achieve high efficiency, ensure energy saving effect and reduce energy consumption and CO2 emissions, therefore effectively protecting the Earth's environment.
DAIKIN Home Central system fully uses the new Daikin R410A refrigerant.


No damage to the ozone layer

## 3Di+ / 3D+ / Compact+ Moisture Control Mode

FPRSQ-APV1/VM FPRAQ-APV1/VM FPRQ-APV1/VM

The balance control over temperature and humidity allows the human body to feel more comfortable, and the intelligent model is even equipped with sensor to detect human activity and floor temperature.

## 3Di / 3D

FPDSQ-APV1/VM

The angle of the horizontal and vertical louvers at the air outlet can be adjusted freely, ensuring a wide air supply angle. The high end panel highlight the high-end identity and grade of users.

## Compact / Compact (big volume)

FXDQ-SPV14
standard model

FPDQ80APV1
FPDQ100APV1
big volume model

The indoor unit has compact body, with a thickness of only 200mm.
The depth of the standard model is only 450mm, and a variety of installation methods is available to offer high freedom of design

## Middle Static Duct

FXSQ-PAV

Compact appearance, with a height of only 250mm and high external static pressure, making it possible to be connected to long air duct. A variety of installation methods that fit various occasions, especially large area spaces.



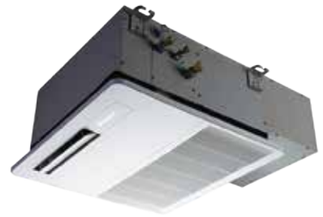
## Kitchen

FPEKQ20/28AV1/VM

The integrated design of decorative panel optimizes the kitchen's ceiling space, making installation more convenient; comprehensive oil proof structure creates cool and comfortable cooking environment in kitchen.

## Bathroom

FPEBQ20/28AV1/VM



With new bathroom's ceiling cassette, level up bathroom to a healthy life style space.

## Walk In Closet

FPECQ20/28AV1/VM

Protecting your private collection of bags and clothes from mould damage with precise humidity control for your walk in closet.

## DUAL CONTROL OF TEMPERATURE & MOISTURE

## 3Di+ / 3D+ INDOOR

Moisture Control Intelligent 3D Air Flow Ceiling Mounted Duct ( Type FPRSQ-APV1/VM )
Moisture Control 3D Air Flow Ceiling Mounted Duct ( Type FPRAQ-APV1/VM )
Compact Moisture Control Ceiling Mounted Duct ( Type FPRQ-APV1/VM )

Dimensions ( H x W x D )
**2.2 kW | 2.8 kW | 3.6 kW | 4.5 kW | 5.6 k.W | 7.1 kW**
200 x 700 x 620 mm

Wired Remote Function :




**3/4** HP
**to**
**2.5** HP

Brand new type of temperature and humidity balanced indoor air conditioner equipped with advanced dual fin and dual valve technology to achieve individual control of temperature and humidity.

## [ Auto Moisture Control ]

Maintain Room Humidity into the most comfort and balance condition at 45 - 60%



BRC1E642

## [ Comfort Cooling Mode ]

You don't have to lower the temperature while you can control the humidity level to have a better cooling comfort and better health.

## [ Sweet Dream Mode ]

With just a click of a button, the balanced temperature and humidity with 0.3 m/s*1 low velocity of air flow and the noise level as low as 17dB*2 create a more suitable environment for good night sleep.

*1 The value acquired upon internal test of the company
*2 The low operating noise which can be availbale in models of 22 - 28 and below 45 under comfort cooling moode

# 3Di AIRFLOW

## 3Di INDOOR

Intelligent 3D Airflow Celling Mounted Duct ( Type FPDSQ-APV1/VM )

Dimensions ( H x W x D )

**2.2 kW | 2.8 kW | 3.6 kW | 4.5 kW |**
**5.6 k.W | 7.1 kW**
200 x 700 x 620 mm

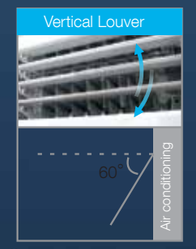
Wired Remote Function :



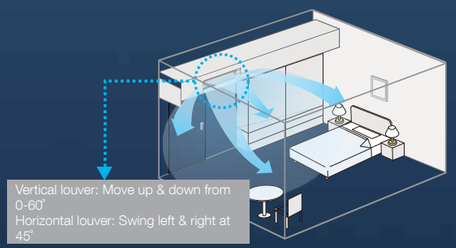

**3/4** HP
**to**
**2.5** HP

DAIKIN's intelligent 3D panel, evenly dispersed air flow, fashionable intelligent eye and personalised setting provide you a differentiated high-quality living environment


Automatically controlled at constant speed




Angle can be freely controlled



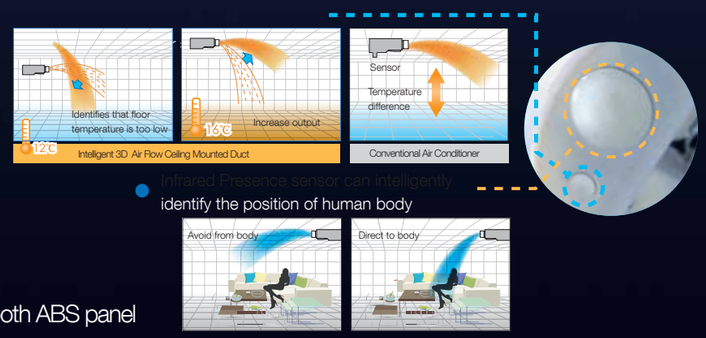

## [ Wide Air Distribution ]

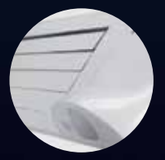
Four horizontal louvers and more than twenty vertical louvers. Such horizontal and vertical louvers are able to move freely, so that the air direction is more precise, the air flow is cut more evenly, contributing a more comfortable indoor environment.

## [ Dual Intelligent Eye Sensor ]

Specially equipped with 2 Intelligent Eyes to detect floor temperature and human activity as to perform intelligent sensing,creating best comfort to you.


BRC1E632



One-piece smooth ABS panel

# Kitchen Air Conditioning

Durability Moisture Control Kitchen Ceilling Mounted Cassette ( Type FPEKQ-AV1 )
Dimensions ( H x W x D )
**2.2 kW | 3.2 kW**
230 x 555 x 540 mm

Wired Remote Function :




**3/4** HP
**to**
**1.5** HP

## Your new cooking experience!

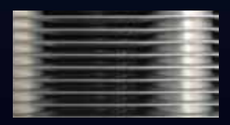
### [ Dry and Mold Proof ]

Heating process at indoor unit to clean up oil grease.

### [ Dry and Mold Proof ]

Easy to clean and maintain the panel and fliter from oil grease.


BRC63A622

- Wider fin gap to ensure heat exchange capability and resistance to oil.

- Smooth fin design to further enhance oil resistance and prolong life-span.

# Bathroom Airconditioning

Ventilating Moisture Control Bathroom Ceiling Mounted Cassete

Dimensions ( H x W x D )

**1.95 kW**

230 x 555 x 540 mm

Wired Remote Function :



**0.5** HP

## [ Oil Proof Panel and Filter ]

Dual control of temperature and humidity to create comfort air in your bathroom..

## [ Build in with ventilation Exhaust ]

New revolution for bathroom airconditioning to ensure clean and fresh bathroom experience by exhaust build in.


BRC63A622

### Cooling Mode

( Enjoy your bath and dressing up leisurely)

### Fan only Mode

( Circulation airflow to ensures that boothroom keeps dry)

### Dry Mode

( Solve your laundry problem during rainy season )

### Ventilation Mode

( Rapid discharge of moisture and odor to keep bathroom clean and fresh )

## Wallk in Closet Airconditioning

Moisture Control Closet Ceiling Mounted Cassete
Dimensions ( H x W x D )
**2.2 kW**
230 x 555 x 540mm

Wired Remote Function :



1 HP

# Feel the new experience of closet

## [ Auto moisture control ]

Auto moisture control mode will be turned on automatically when the relative humidity reaches 75% or above, turns off when relative humidity reaches 65% or below.

## [ 5 levels of fan speed with wide angle of air discharge ]

The indoor air conditioning is available in 5 levels of fan speed,  which can be adjusted according to actual use. The angle of air supply ranging from 25 degrees to 90 degrees can the dry and comfortable air flow to corner of the closet.


## [ Compact built-in cassette design ]

Unique and compact design to suit limited space of closet.

Convenient maintainence via easy dismatnle panel.

## 3D+ 3D Air Flow Ceiling Mounted Duct

| Model Name | | | FPRAQ20APV1 | FPRAQ25APV1 | FPRAQ32APV1 |
|---|---|---|---|---|---|
| Power Supply | | V/Ph/Hz | 220-240V/1Phase/50Hz | | |
| Cooling Capacity | | Kw | 2.2 | 2.8 | 3.6 |
| Power Consumption | With Water Drain Pump | W | 33 | 33 | 36 |
| Fan Mode/Cooling Mode | Air Flow Rate (Hi/Med Hi/Med/Mid Lo/Lo) | m3/min | 7.2/6.8/6.3/5.8/5.4 | | 8.3/7.4/6.8/6.3/5.8 |
| | Sound Level (Hi/Med Hi/Med/Mid Lo/Lo) | dB(A) | 29/27/26/25/23 | | 32/31/29/27/25 |
| Moisture Control Mode | Air Flow Rate (Hi/Med Hi/Med/Mid Lo/Lo) | m3/min | 7.2/6.0/5.1/4.3/3.1 | | 8.3/6.9/5.8/4.6/3.4 |
| | Sound Level (Hi/Med Hi/Med/Mid Lo/Lo) | dB(A) | 29/24/20/18/17 | | 32/27/23/20/18 |
| ESP (Hi/Std) | | Pa | 10/0 | | |
| Unit Dimension (HxWxD) | | mm | 200 x 700 x 620 | | |
| Discharge Dimension (HxW) | | mm | 131 x 525 | | |
| Unit Weight | | kg | 24 | | |
| Piping Connections | Liquid Pipe/Gas Pipe | mm | ϕ6.4/ϕ12.7 | | |
| | High and Low Pressure Pipe | mm | | | |
| | Condensate Drain Pipe | mm | PVC26(0.Dϕ26/I.D.ϕ20) | | |
| Wired Remote Controller | | | BRC1E642 | | |

| Model Name | | | FPRAQ40APV1 | FPRAQ50APV1 | FPRAQ63APV1 |
|---|---|---|---|---|---|
| Power Supply | | V/Ph/Hz | 220-240V/1Phase/50Hz | | |
| Cooling Capacity | | Kw | 4.5 | 5.6 | 7.1 |
| Power Consumption | With Water Drain Pump | W | 50 | 55 | 72 |
| Fan Mode/Cooling Mode | Air Flow Rate (Hi/Med Hi/Med/Mid Lo/Lo) | m3/min | 10.0/9.2/8.5/8.0/7.2 | 13.5/12.0/11.5/11.0/10.0 | 17.5/14.0/11.5/10.6/9.5 |
| | Sound Level (Hi/Med Hi/Med/Mid Lo/Lo) | dB(A) | 36/34/32/30/28 | 36/35/33/31/30 | 37/35/33/32/31 |
| Moisture Control Mode | Air Flow Rate (Hi/Med Hi/Med/Mid Lo/Lo) | m3/min | 10/7.8/5.8/4.6/3.4 | 13.5/10/7.1/5.9/5 | 17.5/14/11.5/10.6/9.5 |
| | Sound Level (Hi/Med Hi/Med/Mid Lo/Lo) | dB(A) | 36/29/23/19/17 | 36/29/24/22/21 | 37/31/27/25/23 |
| ESP (Hi/Std) | | Pa | 10/0 | | |
| Unit Dimension (HxWxD) | | mm | 200 x 700 x 620 | 200 x 900 x 620 | 200 x 1100 x 450 |
| Discharge Dimension (HxW) | | mm | 131 x 525 | 131 x 725 | 131 x 925 |
| Unit Weight | | kg | 24 | 28 | 32 |
| Piping Connections | Liquid Pipe/Gas Pipe | mm | ϕ6.4/ϕ12.7 | | ϕ9.5/ϕ15.9 |
| | High and Low Pressure Pipe | mm | ϕ9.5 | | ϕ12.7 |
| | Condensate Drain Pipe | mm | PVC26(0.Dϕ26/I.D.ϕ20) | | |
| Wired Remote Controller | | | BRC1E642 | | |



## 3Di+ Moisture Control Intelligent 3D Air Flow Ceiling Mounted Duct

| Model Name | | | FPRSQ20APV1 | FPRSQ25APV1 | FPRSQ32APV1 |
|---|---|---|---|---|---|
| Power Supply | | V/Ph/Hz | 220-240V/1Phase/50Hz | | |
| Cooling Capacity | | Kw | 2.2 | 2.8 | 3.6 |
| Power Consumption | With Water Drain Pump | W | 33 | | 36 |
| Fan Mode/Cooling Mode | Air Flow Rate (Hi/Med Hi/Med/Mid Lo/Lo) | m3/min | 7.2/6.8/6.3/5.8/5.4 | | 8.3/7.4/6.8/6.3/5.8 |
| | Sound Level (Hi/Med Hi/Med/Mid Lo/Lo) | dB(A) | 29/27/26/25/23 | | 32/31/29/27/25 |
| Moisture Control Mode | Air Flow Rate (Hi/Med Hi/Med/Mid Lo/Lo) | m3/min | 7.2/6.0/5.1/4.3/3.1 | | 8.3/6.9/5.8/4.6/3.4 |
| | Sound Level (Hi/Med Hi/Med/Mid Lo/Lo) | dB(A) | 29/24/20/18/17 | | 32/27/23/20/18 |
| ESP (Hi/Std) | | mm | 10/0 | | |
| Unit Dimension (HxWxD) | | mm | 200 x 700 x 620 | | |
| Discharge Dimension (HxW) | | mm | 131 x 525 | | |
| Unit Weight | | kg | 24 | | |
| Piping Connections | Liquid Pipe/Gas Pipe | mm | ϕ6.4/ϕ12.7 | | |
| | High and Low Pressure Pipe | mm | ϕ9.5 | | |
| | Condensate Drain Pipe | mm | PVC26(0.Dϕ26/I.D.ϕ20) | | |
| Wired Remote Controller | | | BRC1E642 | | |

| Model Name | | | FPRSQ40APV1 | FPRSQ50APV1 | FPRSQ63APV1 |
|---|---|---|---|---|---|
| Power Supply | | V/Ph/Hz | 220-240V/1Phase/50Hz | | |
| Cooling Capacity | | Kw | 4.5 | 5.6 | 7.1 |
| Power Consumption | With Water Drain Pump | W | 50 | 55 | 72 |
| Fan Mode/Cooling Mode | Air Flow Rate (Hi/Med Hi/Med/Mid Lo/Lo) | m3/min | 10.0/9.2/8.5/8.0/7.2 | 13.5/12.0/11.5/11.0/10/0 | 17.5/16.0/15.0/14.0/13.0 |
| | Sound Level (Hi/Med Hi/Med/Mid Lo/Lo) | dB(A) | 36/34/32/30/28 | 36/35/33/31/30 | 37/35/33/32/31 |
| Moisture Control Mode | Air Flow Rate (Hi/Med Hi/Med/Mid Lo/Lo) | m3/min | 10.0/7.8/5.8/4.6/3.4 | 13.5/10.0/7.1/5.9/5.0 | 17.5/14.0/11.5/10.6/9.5 |
| | Sound Level (Hi/Med Hi/Med/Mid Lo/Lo) | dB(A) | 36/29/23/19/17 | 36/29/24/22/21 | 37/31/27/25/23 |
| ESP (Hi/Std) | | mm | 10/0 | | |
| Unit Dimension (HxWxD) | | mm | 200 x 700 x 620 | 200 x 900 x 620 | 200 x 1100 x 620 |
| Discharge Dimension (HxW) | | mm | 131 x 525 | 131 x 725 | 131 x 925 |
| Unit Weight | | kg | 24 | 28 | 32 |
| Piping Connections | Liquid Pipe/Gas Pipe | mm | ϕ6.4/ϕ12.7 | | ϕ9.5/ϕ15.9 |
| | High and Low Pressure Pipe | mm | ϕ9.5 | | ϕ12.7 |
| | Condensate Drain Pipe | mm | PVC26(0.Dϕ26/I.D.ϕ20) | | |
| Wired Remote Controller | | | BRC1E642 | | |

## 3Di Intelligent 3D Air Flow Ceiling Mounted Duct

| Model Name | | | FPDSQ20APV1 | FPDSQ25APV1 | FPDSQ32APV1 |
|---|---|---|---|---|---|
| Power Supply | | V/Ph/Hz | 220-240V/1Phase/50Hz | | |
| Cooling Capacity | | Kw | 2.2 | 2.8 | 3.6 |
| Power Consumption | With Water Drain Pump | W | 28 | 29 | 32 |
| Fan Mode/Cooling Mode | Air Flow Rate (Hi/Med Hi/Med/Mid Lo/Lo) | m3/min | 8.7/8.1/7.6/7/6.5 | 9/8.5/8/7.5/7 | 10/9.3/8.6/7.9/7.2 |
| | Sound Level (Hi/Med Hi/Med/Mid Lo/Lo) | dB(A) | 31/29/27/26/24 | 31/29/27/26/24 | 34/32/30/29/27 |
| ESP (Hi/Std) | | Pa | 10/0 | | |
| Unit Dimension (HxWxD) | | mm | 200 x 700 x 450 | | |
| | | mm | 131 x 525 | | |
| Unit Weight | | kg | 17 | | |
| Piping Connections | Liquid Pipe/Gas Pipe | mm | ϕ6.4/ϕ12.7 | | |
| | Condensate Drain Pipe | mm | PVC26(0.Dϕ26/I.D.ϕ20) | | |
| | | | BRC1E632 | | |

| Model Name | | | FPDSQ40APV1 | FPDSQ50APV1 | FPDSQ63APV1 |
|---|---|---|---|---|---|
| Power Supply | | V/Ph/Hz | 220-240V/1Phase/50Hz | | |
| Cooling Capacity | | Kw | 4.5 | 5.6 | 7.1 |
| Power Consumption | With Water Drain Pump | W | 49 | | 54 |
| Fan Mode/Cooling Mode | Air Flow Rate (Hi/Med Hi/Med/Mid Lo/Lo) | m3/min | 12/11.2/10.5/9.7/9 | 15/14/13/11.5/10.5 | 19/17/15/13/11.5 |
| | Sound Level (Hi/Med Hi/Med/Mid Lo/Lo) | dB(A) | 39/37/35/33/31 | | 39/37/35/33/30 |
| ESP (Hi/Std) | | Pa | 10/0 | | |
| Unit Dimension (HxWxD) | | mm | 200 x 700 x 450 | 200 x 900 x 450 | 200 x 1100 x 450 |
| Discharge Dimension (HxW) | | mm | 131 x 525 | 131 x 725 | 131 x 925 |
| Unit Weight | | kg | 17 | 20 | 23 |
| Piping Connections | Liquid Pipe/Gas Pipe | mm | ϕ6.4/ϕ12.7 | | ϕ9.5/ϕ15.9 |
| | Condensate Drain Pipe | mm | PVC26(0.Dϕ26/I.D.ϕ20) | | |
| Wired Remote Controller | | | BRC1E632 | | |

## LONG DUCT

Middle Static Ceiling Mounted Duct

| Model Name | | | FXSQ20PAV4 | FXSQ25PAV4 | FXSQ32PAV4 | FXSQ40PAV4 | FXSQ50PAV4 |
|---|---|---|---|---|---|---|---|
| Power Supply | | V/Ph/Hz | 220-240V/1Phase/50Hz,60Hz | | | | |
| Cooling Capacity | | Kw | 2.2 | 2.8 | 3.6 | 4.5 | 5.6 |
| Power Consumption | | W | 58 | | 66 | 101 | 75 |
| Fan Mode/Cooling Mode | Air Flow Rate (Hi/Med/Lo) | m3/min | 9/7.5/6.5 | | 9.5/8/7 | 15/12.5/10.5 | 17/14.5/11.5 |
| | Sound Level (Hi/Med/Lo) | dB(A) | 33/30/28 | | 34/32/30 | 36/33/30 | 34/32/29 |
| ESP (Hi/Std) | | Pa | 30-150 (50) | | | | 50-150 (50) |
| Unit Dimension (HxWxD) | | mm | 245x550x800 | | | 245x700x800 | 245x1000x800 |
| Unit Weight | | kg | 25 | | | 27 | 35 |
| Piping Connections | Liquid Pipe/Gas Pipe | mm | ϕ6.4/ϕ12.7 | | | | |
| | Condensate Drain Pipe | mm | PVC26(0.Dϕ26/I.D.ϕ20) | | | | |
| Wired Remote Controller | | | BRC1E63 | | | | |
| Wireless Remote Controller | | | BRC4C66 | | | | |

| Model Name | | | FXSQ63PAV4 | FXSQ80PAV4 | FXSQ100PAV4 | FXSQ125PAV4 | FXSQ140PAV4 |
|---|---|---|---|---|---|---|---|
| Power Supply | | V/Ph/Hz | 220-240V/1Phase/50Hz,60Hz | | | | |
| Cooling Capacity | | Kw | 7.1 | 9 | 11.2 | 14 | 16 |
| Power Consumption | | W | 106 | 126 | 151 | 206 | 222 |
| Fan Mode/Cooling Mode | Air Flow Rate (Hi/Med/Lo) | m3/min | 21/17.5/14.5 | 23/19.5/16 | 32/27/22.5 | 37/31.5/26 | 39/33.5/28 |
| | Sound Level (Hi/Med/Lo) | dB(A) | 36/32/29 | 37.5/34/30 | 39/35/32 | 42/38.5/35 | 43/40/36 |
| ESP (Hi/Std) | | Pa | 50-150 (50) | | | | 50-140 (50) |
| Unit Dimension (HxWxD) | | mm | 245x1,000x800 | | 245x1,400x800 | | 245x1,550x800 |
| Unit Weight | | kg | 35 | 37 | 46 | 47 | 52 |
| Piping Connections | Liquid Pipe/Gas Pipe | mm | ϕ9.5/ϕ15.9 | | | | |
| | Condensate Drain Pipe | mm | PVC26(0.Dϕ26/I.D.ϕ20) | | | | |
| Wired Remote Controller | | | BRC1E63 | | | | |
| Wireless Remote Controller | | | BRC4C66 | | | | |



## COMPACT

Ceiling Mounted Duct

| Model Name | | | FXDQ20SPV14 | FXDQ25SPV14 | FXDQ32SPV14 | FXDQ40SPV14 | FXDQ50SPV14 | FXDQ63SPV14 |
|---|---|---|---|---|---|---|---|---|
| Power Supply | | V/Ph/Hz | 220-240V/1Phase/50Hz | | | | | |
| Cooling Capacity | | Kw | 2.2 | 2.8 | 3.6 | 4.5 | 5.6 | 7.1 |
| Power Consumption | | W | 72 | 75 | 78 | 180 | | 196 |
| Fan Mode/Cooling Mode | Air Flow Rate (Hi/Med Hi/Med/Mid Lo/Lo) | m3/min | 8.7/7.6/6.5 | 9/8/7 | 10/9/8 | 15/13/10.5 | | 20/16/12.5 |
| | Sound Level (Hi/Med Hi/Med/Mid Lo/Lo) | dB(A) | 33/31/29 | | 34/32/30 | 35/33/31 | | 37/35/33 |
| ESP (Hi/Std) | | Pa | 30-10 | | | 50-20 | | 40-20 |
| Unit Dimension (HxWxD) | | mm | 200x700x450 | | | 200x900x450 | | 200x1,100x450 |
| Unit Weight | | kg | 17 | | | 20 | | 23 |
| Piping Connections | Liquid Pipe/Gas Pipe | mm | ϕ6.4/ϕ12.7 | | | | | ϕ9.5/ϕ15.9 |
| | Condensate Drain Pipe | mm | PVC26(0.Dϕ26/I.D.ϕ20) | | | | | |
| Wired Remote Controller | | | BRC1E63 | | | | | |

## COMPACT+ Ceiling Mounted Duct

| Model Name | | | FPRQ20APVM | FPRQ25APVM | FPRQ32APVM |
|---|---|---|---|---|---|
| Power Supply | | V/Ph/Hz | 220-240V/1Phase/50Hz | | |
| Cooling Capacity | | Kw | 2.2 | 2.8 | 3.6 |
| Power Consumption | With Water Drain Pump | W | 33 | | 36 |
| Fan Mode/Cooling Mode | Air Flow Rate (Hi/Med Hi/Med/Mid Lo/Lo) | m3/min | 7.2/6.8/6.3/5.8/5.4 | | 8.3/7.4/6.8/6.3/5.8 |
| | Sound Level (Hi/Med Hi/Med/Mid Lo/Lo) | dB(A) | 29/27/26/25/23 | | 32/31/29/27/25 |
| Moisture Control Mode | Air Flow Rate (Hi/Med Hi/Med/Mid Lo/Lo) | m3/min | 7.2/6.0/5.1/4.3/3.1 | | 8.3/6.9/5.8/4.6/3.4 |
| | Sound Level (Hi/Med Hi/Med/Mid Lo/Lo) | dB(A) | 29/24/20/18/17 | | 32/27/23/20/18 |
| ESP (Hi/Std) | | Pa | 30/10 | | |
| Unit Dimension (HxWxD) | | mm | 200X700X620 | | |
| Discharge Dimension (HxW) | | mm | 153X660 | | |
| Unit Weight | | kg | 24 | | |
| Piping Connections | Liquid Pipe/Gas Pipe | mm | ϕ6.4/ϕ12.7 | | |
| | High and Low Presssure Pipe | mm | ϕ9.5 | | |
| Wired Remote Controller | | | BRC1E642 | | |

| Model Name | | | FPRQ40APVM | FPRQ50APVM | FPRQ63APVM |
|---|---|---|---|---|---|
| Power Supply | | V/Ph/Hz | 220-240V/1Phase/50Hz | | |
| Cooling Capacity | | Kw | 4.5 | 5.6 | 7.1 |
| Power Consumption | | W | 50 | 55 | 72 |
| Fan Mode/Cooling Mode | Air Flow Rate (Hi/Med Hi/Med/Mid Lo/Lo) | m3/min | 10/9.2/8.5/80/7.2 | 13.5/12/11.5/11/10 | 17.5/14/11.5/10.6/9.5 |
| | Sound Level (Hi/Med Hi/Med/Mid Lo/Lo) | dB(A) | 36/34/32/30/28 | 36/35/33/31/30 | 37/35/33/32/31 |
| Moisture Control Mode | Air Flow Rate (Hi/Med Hi/Med/Mid Lo/Lo) | m3/min | 10/7.8/5.8/4.6/3.4 | 13.5/10/7.1/5.9/5 | 17.5/14/11.5/10.6/9.5 |
| | Sound Level (Hi/Med Hi/Med/Mid Lo/Lo) | dB(A) | 36/29/23/19/17 | 36/29/24/22/21 | 37/31/27/25/23 |
| ESP (Hi/Std) | | Pa | 30/10 | 50/20 | |
| Unit Dimension (HxWxD) | | mm | 200X700X620 | 200X900X620 | 200X1100X620 |
| Discharge Dimension (HxW) | | mm | 153X660 | 153X860 | 153X1060 |
| Unit Weight | | kg | 24 | 28 | 32 |
| Piping Connections | Liquid Pipe/Gas Pipe | mm | ϕ6.4/ϕ12.7 | | ϕ9.5/ϕ15.9 |
| | High and Low Presssure Pipe | mm | ϕ9.5 | | ϕ12.7 |
| Wired Remote Controller | | | BRC1E642 | | |

## COMPACT Ceiling Mounted Duct Big Volume

| Model Name | | | FPDQ80APV1 | FPDQ100APV1 |
|---|---|---|---|---|
| Power Supply | | V/Ph/Hz | 220-240V/1Phase/50Hz | |
| Cooling Capacity | | Kw | 9 | 11.2 |
| Power Consumption | With Water Drain Pump | W | 70 | 100 |
| Fan Mode/Cooling Mode | Air Flow Rate (Hi/Med Hi/Med/Mid Lo/Lo) | m3/min | 24.0/20.0/16.0 | 26.0/22.0/18.0 |
| | Sound Level (Hi/Med Hi/Med/Mid Lo/Lo) | dB(A) | 36/34/32 | 37/35/33 |
| ESP (Hi/Std) | | Pa | 40-20 | |
| Unit Dimension (HxWxD) | | mm | 200 × 1610 × 560 | |
| Unit Weight | | kg | 37 | 40 |
| Piping Connections | Liquid Pipe/Gas Pipe | mm | ϕ9.5/ϕ15.9 | |
| | Condensate Drain Pipe | mm | PVC26(0.Dϕ26/I.D.ϕ20) | |
| Wired Remote Controller | | | BRC1E632 | |

## BATHROOM

### Ventilating Moisture Control
### Bathroom Ceiling Mounted Cassette

| Model Name | | | FPEBQ20AV1 |
|---|---|---|---|
| Power Supply | | V/Ph/Hz | 220-240V/1Phase/50Hz |
| Cooling Capacity | | Kw | 1.95 |
| Standard Mode | Power Consumption (With Water Drain Pump) | W | 54 |
| | Air Flow Rate (Hi/Lo) | m3/min | 7/3 |
| | Sound Level (Hi/Lo) | dB(A) | 43/26 |
| Dry Mode | Power Consumption (With Water Drain Pump) | W | 85 |
| | Air Flow Rate (Hi/Lo) | m3/min | 7 |
| | Sound Level (Hi/Lo) | dB(A) | 43 |
| Fan Only Mode | Power Consumption (With Water Drain Pump) | W | 35 |
| | Air Flow Rate (Hi/Lo) | m3/min | 07/03 |
| | Sound Level (Hi/Lo) | dB(A) | 45/28 |
| Ventilation Mode | Air Flow Rate (Hi/Lo) | m3/min | 5/2.1 |
| | Sound Level (Hi/Lo) | dB(A) | 40/24 |
| Dimension | Unit Dimention (HxWxD) | mm | 230 x 555 x 540 |
| | Panel Dimension (HxWxD) | mm | 60 x 625 x 640 |
| | Discharge Dimension (WxD) | mm | 320 x 60 |
| Unit Weight (Body/Panel) | | kg | 22/2.5 |
| Piping Connections | Liquid Pipe/Gas Pipe | mm | ϕ6.4/ϕ12.7 |
| | High and Low Pressure Pipe | mm | ϕ9.5 |
| | Condensate Drain Pipe | mm | PVC26(0.Dϕ26/I.D.ϕ20) |
| Decorative Panel | | | BYEBP20W1E |
| Wired Remote Controller | | | BRC62A612 |



## KITCHEN

### Durability Moisture Control
### Kitchen Ceiling Mounted Cassette

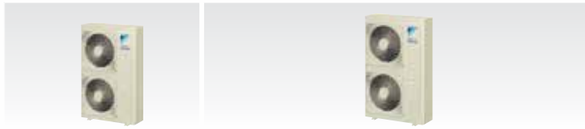
| Model Name | | | FPEKQ20AV1 | FPEKQ28AV1 |
|---|---|---|---|---|
| Power Supply | | V/Ph/Hz | 220-240V/1Phase/50Hz | |
| Cooling Capacity | | Kw | 2.2 | 3.2 |
| Power Consumption | With Water Drain Pump | W | 54 | |
| Air Flow Rate (Hi/Med/Lo) | | m3/min | 7/3 | 8/6/3.5 |
| Dimension | Unit Dimention (HxWxD) | mm | 230 x 555 x 540 | 280 x 555 x 540 |
| | Panel Dimension (HxWxD) | mm | 60 x 625 x 640 | |
| | Discharge Dimension (WxD) | mm | 320 x 60 | |
| Unit Weight (Body/Panel) | | kg | 17/2.5 | 19/2.5 |
| Sound Level (Hi/Med/Low) | | dB(A) | 42/25 | 43/35/25 |
| Piping Connections | Liquid Pipe/Gas Pipe | mm | ϕ6.4/ϕ12.7 | |
| | High and Low Pressure Pipe | mm | ϕ9.5 | |
| | Condensate Drain Pipe | mm | PVC26(0.Dϕ26/I.D.ϕ20) | |
| Decorative Panel | | | BYEKP20AY1E | BYEKP28AY1E |
| Wired Remote Controller | | | BRC63A622 | |

## CLOSET Moisture Control Closet Ceiling Mounted Cassette

| Model Name | | | FPECQ20AV1 |
|---|---|---|---|
| Power Supply | | V/Ph/Hz | 220-240V/1Phase/50Hz |
| Cooling Capacity | | Kw | 2.2 |
| Power Consumption | With Water Drain Pump | W | 54 |
| Air Flow Rate (Hi/Med Hi/Med/Mid Lo/Lo) | | m3/min | 7/6/5/4/3 |
| Dimension | Unit Dimention (HxWxD) | mm | 230 x 555 x 540 |
| | Panel Dimension (HxWxD) | mm | 60 x 625 x 640 |
| | Discharge Dimension (WxD) | mm | 320 x 60 |
| Unit Weight (Body/Panel) | | kg | 18/2.5 |
| Sound Level (Hi/Med Hi/Med/Mid Lo/Low) | | dB(A) | 42/38/34/29/25 |
| Piping Connections | Liquid Pipe/Gas Pipe | mm | ϕ6.4/ϕ12.7 |
| | High and Low Pressure Pipe | mm | ϕ9.5 |
| | Condensate Drain Pipe | mm | PVC26(0.Dϕ26/I.D.ϕ20) |
| Decorative Panel | | | BYEBP20W1F |
| Wired Remote Controller | | | BRC1E642 |

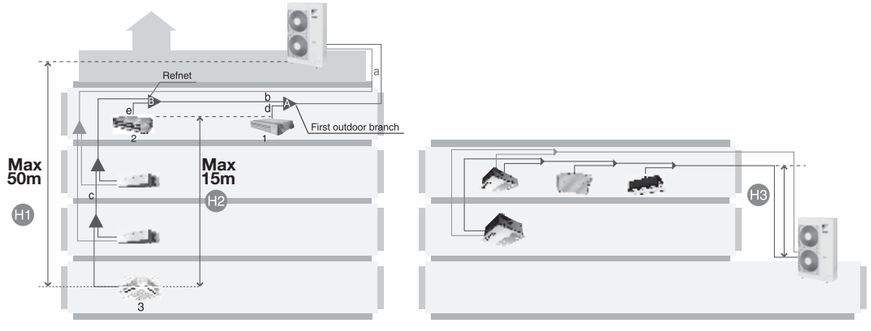


| Model Name | | | RPZQ4AVM | RPZQ5AVM | RPZQ6AVM |
|---|---|---|---|---|---|
| Power Supply | | V/Ph/Hz | 220-240V/1Phase/50Hz | | |
| Cooling Capacity | | kW | 11.2 | 14 | 15.5 |
| Power Consumption | | kW | 2.87 | 3.62 | 4.19 |
| Air Flow Rate (Hi/Med//Lo) | | m3/min | 76 | | 106 |
| Unit Dimension (HxWxD) | | mm | 990 x 940 x 320 | | 1345 x 900 x 320 |
| Unit Weight | | kg | 80 | | 104 |
| Sound Level | | dB(A) | 53 | | 51 |
| Operating Range | | | -5 - 50°C DB | | |
| Piping Connections | Liquid Pipe/Gas Pipe | mm | ϕ9.5/ϕ15.9 | | ϕ9.5/ϕ19.1 |
| | High-Low Pressure Pipe | | ϕ12.7 | | |
| | Condensate Drain Pipe | mm | ϕ12.7 | | |
| Max. Amount connection ofIndoor Unit | | | 6 | 8 | 9 |
| Connection Capacity | | kW | 5.6-14.5 | 7.0-20.1 | 7.7-20.1 |
| | | % | 50-130 | | |



| Model Name | | | RPZQ8AVM | RPZQ10AVM | RPZQ12AVM |
|---|---|---|---|---|---|
| Power Supply | | V/Ph/Hz | 380-415V/3Phase/50Hz | | |
| Cooling Capacity | | kW | 22.4 | 28 | 33.5 |
| Power Consumption | | kW | 6 | 7.2 | 9.1 |
| Air Flow Rate (Hi/Med//Lo) | | m3/min | 140 | 182 | |
| Unit Dimension (HxWxD) | | mm | 1430 x 940 x 320 | 1615 x 940 x 460 | |
| Unit Weight | | kg | 140 | 174 | 180 |
| Sound Level | | dB(A) | 56 | 55 | |
| Operating Range | | | -5 - 50°C DB | | |
| Piping Connections | Liquid Pipe/Gas Pipe | mm | ϕ9.5/ϕ19.1 | ϕ9.5/ϕ22.2 | ϕ12.7/ϕ25.4 |
| | High-Low Pressure Pipe | | ϕ12.7 | | ϕ15.9 |
| | Condensate Drain Pipe | mm | ϕ12.7 | | ϕ15.9 |
| Max. Amount connection ofIndoor Unit | | | 13 | 16 | 19 |
| Connection Capacity | | kW | 11.2-29.1 | 14.0-36.4 | 16.75-43.55 |
| | | % | 50-130 | | |

### Refrigerant Piping Lenght

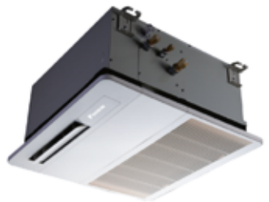



Note: Gas Pipe, Liquid Pipe, High and Low Pressure Pipe

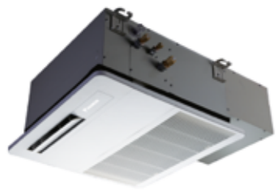
| Model | *VRV* Home Series | | | | | |
|---|---|---|---|---|---|---|
| | RPZQ4AVM | RPZQ5AVM | RPZQ6AVM | RPZQ8AVM | RPZQ10BYM | RPZQ12BYM |
| Max. allowable level difference (if the outdoor unit is above) : H1 | Max. 30m | | Max. 50m | | | |
| Max. allowable level difference (if the outdoor unit is below) : H3 | Max. 30m | | Max. 40m | | | |
| Between the indoor units : H2 | Max. 10m | Max. 15m | | | | |
| Max. total piping length : a+b+c+d+e | Max. 250m | | Max. 300m | | | |
| Max. actual piping length : a+b+c | Max. 50m | | Max. 70m | Max. 80m | | |
| Between the indoor branch and the farthest indoor unit : b+c | Max. 40m | | | | | |

Moisture Control Intelligent
3D Air Flow Celing Mouted

intelligent 3D Air Flow Celing Mouted



Kitchen Ceiling Mounted Cassette



Ventilating Moisture Control
Bathroom Ceiling Mounted Cassete

Moisture Control Closet Ceiling Mounted Cassete

COMFORTABLE AIRFLOW

REMOTE CONTROL / TIMERS

COMFORT CONTROL

**AUTO-SWING (UP AND DOWN)**
This function automatically moves the flaps up and down to distribute air across the room.

**MOLD PROOF MODE**
Heating process at indoor unit to clean up oil grease

**COMFORT AIRFLOW MODE**
This function prevents uncomfortable drafts from blowing directly on the body. To prevent drafts, the flap move upward during cooling operation

**3D AIRFLOW**
This function combines Vertical and Horizontal Auoto-swing to circulate a cloud of cool air right to the corners of even large space. The flaps and lovers swin in turn.

**NIGHT SET MODE**
Adjusts the temperature to prevent excessive cooling or heating for a pleasant sleep.

**24-HOUR ON/OFF TIMER**
Sets the on/off timer 24 hours in advance to start/stop the operation.

**SET FAN SPEED**
Fan speed can be set to correspond to your preferred comfort level.

**AUTO FAN SPEED**
This function uses its infrared sensor to direct airflow either away from people.

**MOISTURE CONTROL MODE**
a feature that can adjust the humidity in the room

**DRY CLOTHES MODE**
Fiture to dry clothes by absorbing moisture in the room.

**VENTILATION MODE**
Fiture to activate the exhause fan on the air conditioner

# VRV IV S SERIES

For Residential and Lite Commercial use

# Main Features

## Compact & lightweight design

The new design has been optimised for the VRV IV S series, with the height of 4 HP to 5 HP models reduced to only 990 mm. This design gives the building a sleek look externally and provides the occupants with a clear, unobstructed view of the scenery. The VRV IV S series is now slim and compact, with outdoor units that require minimal installation space.



## Enhanced lineup

To suit a variety of room sizes, VRV IV S series expands our range to include 8 HP and 9 HP.

VRV IV S SERIES


*Mo/C represents Model Change

### Lineup

5 models

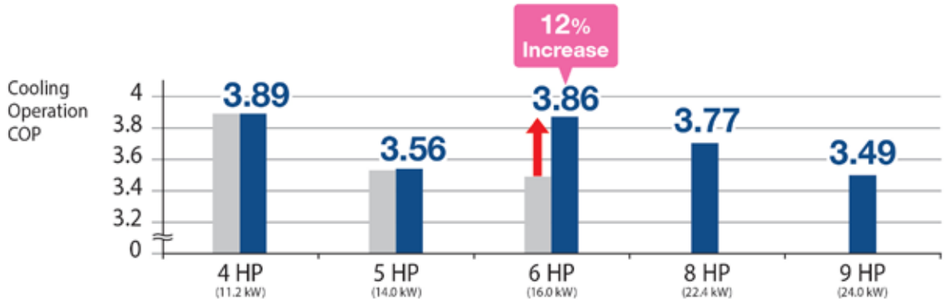
| Model Name | RXMQ4AVE | RXMQ5AVE | RXMQ6AVE | RXMQ8AY1 | RXMQ9AY1 |
|---|---|---|---|---|---|
| Power Supply | 1-phase, 220-230 V/220 V, 50/60 Hz | | | 3-phase, 380 – 415 V, 50 Hz | |
| Capacity Range | 4 HP (11.2 kW) | 5 HP (14.0 kW) | 6 HP (16.0 kW) | 8 HP (22.4 kW) | 9 HP (24.0 kW) |
| Capacity Index | 100 | 125 | 150 | 200 | 215 |

# Main Features

## Energy saving

### Higher Coefficient of Performance (COP)

VRV IV S series provides greater energy saving as compared to VRV III S series, especially for 6 HP.




*Cooling operation conditions: Indoor temp. of 27°CDB,19°CWB, and outdoor temp. of 35°CDB.

VRV III S

VRV IV S SERIES

## Quiet operation

### Nighttime quiet operation function

Operation sound level selectable from 3 steps for the night mode

**Mode 1. Automatic mode**

Set on the outdoor PCB. Time of maximum temperature is memorised. The low operating mode will initiate 8 hours*1 after the peak temperature in the daytime, and normal operation will resume 10 hours*2 after that. The operation sound level for the night mode can be selected from 49 dB(A) (Step 1), 46 dB(A) (Step 2) and 43 dB(A) (Step 3).*3

**Mode 2. Manual mode**

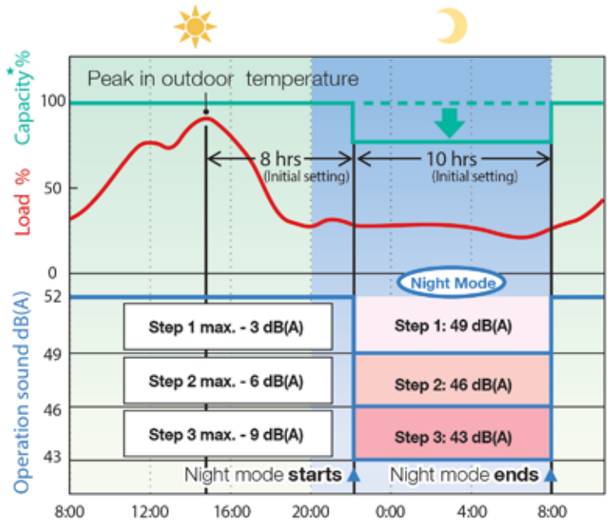
Starting time and ending time can be input. (An external control adaptor for outdoor unit, DTA104A53/61/62, and a locally obtained timer are necessary.)

**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.
*3. In case of 4 HP outdoor unit during cooling operation

**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.

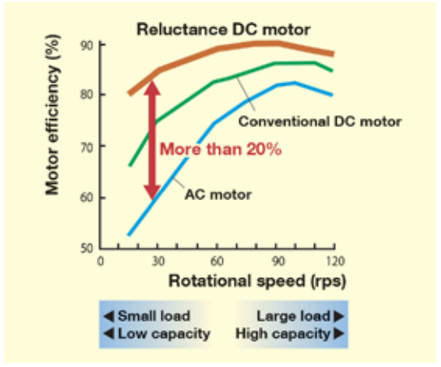


## Collection of cutting-edge technologies realises efficient and quiet operation

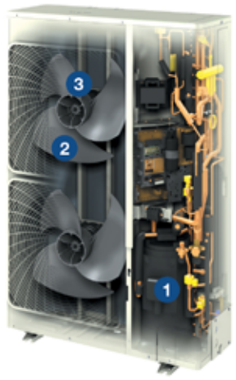
The high efficiency compressor to achieve a higher COP

### 1 Compressor equipped with Reluctance DC motor

Daikin DC inverter models are equipped with the Reluctance DC motor for 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.








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

Sine wave DC inverter

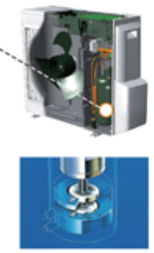
#### >> Smooth sine wave DC inverter

Use of an optimised sine wave smoothes motor rotation, further improving operating efficiency.

RXMQ4, 5, 6AVE

#### >> Swing compressor

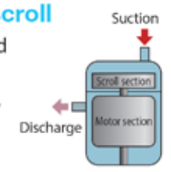
Daikin swing compressor has integrated the rotor with the blade, completely solving the refrigerant leakage and the wear problem caused by the mechanical friction between the rotor and the blade, which enhances the compressor efficiency and makes the compressor more quiet and durable.



RXMQ8, 9AY1

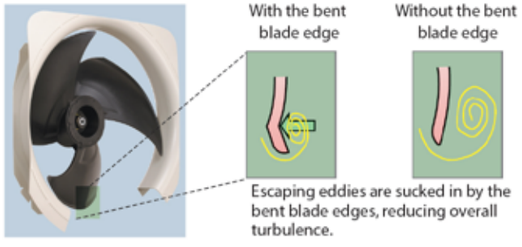
#### >> The structural scroll

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




### 2 Smooth Air Inlet Bell Mouth and Aero Spiral Fan

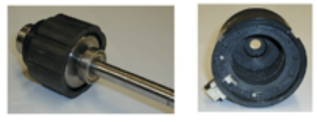
These two features work to reduce sound. Guides are added to the bell mouth intake to reduce turbulence in the airflow generated by fan suction. The Aero Spiral Fan features fan blades with the bent blade edges, further reducing turbulence.




### 3 DC fan motor

Efficiency improved in all areas compared to conventional AC motors, especially at low speeds.

DC fan motor structure



# Indoor Unit Lineup

Daikin offers a wide range of indoor units includes both VRV and residential models responding to variety of needs of our customers that require air-conditioning solutions.

## VRV indoor units

### Ceiling Mounted Cassette (Round Flow with Sensing) Type

**FXFSQ-AV4**

Presence of people and floor temperature can be detected to provide comfort and energy savings.

### Ceiling Mounted Cassette (Round Flow) Type

**FXFQ-AV4**

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

### Ceiling Mounted Cassette (Compact Multi Flow) Type

**FXZQ-MVE4**

Quiet, compact, and designed for user comfort

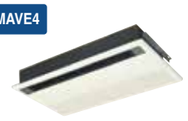
### Ceiling Mounted Cassette (Double Flow) Type

**FXCQ-AVM4**

Thin, lightweight, and easy to install in narrow ceiling spaces

### Ceiling Mounted Cassette Corner Type

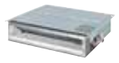
**FXKQ-MAVE4**



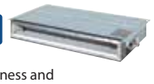
Slim design for flexible installation

### Slim Ceiling Mounted Duct Type (Standard Series)

**FXDQ-PDVE(T)4**



**FXDQ-NDVE(T)4**



Slim design, quietness and static pressure switching

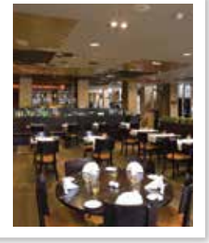
### Slim Ceiling Mounted Duct Type (Compact Series)

**FXDQ-SPV14**

Slim and compact design for easy and flexible installation

### Middle Static Pressure Ceiling Mounted Duct Type

**FXSQ-PAV4**



**Middle external static pressure and slim design allow flexible installations**

### Ceiling Mounted Duct Type

**FXMQ-PAV4**

**FXMQ-MVE4**

New **FXMQ-PVM**

High external static pressure allows flexible installations

### Outdoor-Air Processing Unit

**FXMQ-MFV7**

Combine fresh air treatment and air conditioning, supplied from a single system.

### Ceiling Suspended Type

**FXHQ-MAV7**

**FXHQ-AVM4** New

Slim body with quiet and wide airflow

### Wall Mounted Type

**FXAQ-AVM**

New

Stylish flat panel design harmonised with your interior décor

### Floor Standing Type

**FXLQ-MAVE4**

### Concealed Floor Standing Type

**FXNQ-MAVE4**

Suitable for perimeter zone air conditioning

### Floor Standing Duct Type

**FXVQ-NY14**

Large airflow type for large spaces. Flexible interior design for each tenant.

## Air treatment equipment

### Heat Reclaim Ventilator

**VAM-GJ**

### PM2.5 filtration unit

**BAF**

### Heat Reclaim Ventilator

**VKM-GAM**

# Indoor Unit Lineup



## Ceiling Mounted Cassette (Round Flow with Sensing) Type

New FXFSQ-A

Round flow **with sensing**

## Ceiling Mounted Cassette (Round Flow) Type

New FXFQ-A

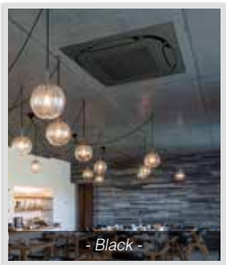
ROUND FLOW

### New Wide variety of decoration panels (Option)

- Designer choice has been given a boost with the increase in number of new types of decoration panels.








### Decoration Panel Lineup (Option)

FXFSQ series only

Standard panel with sensing*1
BYCQ125EEF (Fresh White)

Standard panel*2
BYCQ125EAF (Fresh White)

Designer panel*2
BYCQ125EAPF (Fresh White)

Auto grille panel*2
BYCQ125EASF (Fresh White)

FXFSQ series only

Standard panel with sensing*1
BYCQ125EEK (Black)

Standard panel*2
BYCQ125EAK (Black)

*1.Sensing function is applicable when sensing panel is installed.
*2.These panels do not contain the sensing function.

## Specifications

### Ceiling Mounted Cassette (Round Flow with Sensing) Type

| MODEL | | FXFSQ25AV4 | FXFSQ32AV4 | FXFSQ40AV4 | FXFSQ50AV4 | FXFSQ63AV4 | FXFSQ80AV4 | FXFSQ100AV4 | FXFSQ125AV4 | FXFSQ140AV4 |
|---|---|---|---|---|---|---|---|---|---|---|
| Power supply | | 1-phase, 220-240 V/220-230 V, 50/60 Hz | | | | | | | | |
| Cooling capacity | Btu/h | 9,600 | 12,300 | 15,400 | 19,100 | 24,200 | 30,700 | 38,200 | 47,800 | 54,600 |
| Power consumption | kW | 0.028 | | 0.035 | 0.038 | 0.061 | 0.092 | 0.144 | 0.170 | 0.194 |
| Casing | | Galvanised steel plate | | | | | | | | |
| Sound level (H/HM/M/ML/L) | dB(A) | 30/29.5/28.5/28/27 | | 35/29.5/29/28/27 | 38/35/34.5/29.5/27 | 38/36/35.5/31.5/28 | 39/37/36/35.5/31 | 44/41/38/35/33 | 45/42.5/39.5/37/35 | 46/43.5/40.5/38/35 |
| Dimensions (H×W×D) | mm | 256×840×840 | | | | | | 298×840×840 | | |
| Machine weight | kg | 19 | | | 24 | 22 | | 25 | | 26 |

### Ceiling Mounted Cassette (Round Flow) Type

| MODEL | | FXFQ25AV4 | FXFQ32AV4 | FXFQ40AV4 | FXFQ50AV4 | FXFQ63AV4 | FXFQ80AV4 | FXFQ100AV4 | FXFQ125AV4 | FXFQ140AV4 |
|---|---|---|---|---|---|---|---|---|---|---|
| Power supply | | 1-phase, 220-240 V/220-230 V, 50/60 Hz | | | | | | | | |
| Cooling capacity | Btu/h | 9,600 | 12,300 | 15,400 | 19,100 | 24,200 | 30,700 | 38,200 | 47,800 | 54,600 |
| Power consumption | kW | 0.029 | | 0.036 | 0.040 | 0.063 | 0.096 | 0.158 | 0.178 | 0.203 |
| Casing | | Galvanised steel plate | | | | | | | | |
| Sound level (H/HM/M/ML/L) | dB(A) | 30/29.5/28.5/28/27 | | 35/29.5/29/28/27 | 35/33.5/29.5/28.5/27 | 36/35.5/31.5/31/28 | 37/36.5/36/35.5/29.5 | 43/40.5/37.5/35/33 | 44/41.5/39/36.5/33 | 46/43.5/40.5/38/35 |
| Dimensions (H×W×D) | mm | 256×840×840 | | | | | | 298×840×840 | | |
| Machine weight | kg | 19 | | | | 22 | | 25 | | 26 |

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.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- 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.



## Ceiling Mounted Cassette (Compact Multi Flow) Type FXZQ-M

**Quiet, compact, and designed for user comfort**

### Specifications

| MODEL | | FXZQ20MVE4 | FXZQ25MVE4 | FXZQ32MVE4 | FXZQ40MVE4 | FXZQ50MVE4 |
|---|---|---|---|---|---|---|
| Power supply | | 1-phase, 220-240 V/220 V, 50/60 Hz | | | | |
| Cooling capacity | Btu/h | 7,500 | 9,600 | 12,300 | 15,400 | 19,100 |
| | kW | 2.2 | 2.8 | 3.6 | 4.5 | 5.6 |
| Power consumption | kW | 0.073 | | 0.076 | 0.089 | 0.115 |
| Casing | | Galvanised steel plate | | | | |
| Sound level (H/L) | 230 V, 50 Hz-240 V, 50 Hz dB(A) | 30/25-32/26 | | 32/26-34/28 | 36/28-37/29 | 41/33-42/35 |
| Dimensions (H×W×D) | mm | 286×575×575 | | | | |
| Machine weight | kg | 18 | | | | |

## Ceiling Mounted Cassette (Double Flow) Type New FXCQ-AVM4

**Thin, lightweight, and easy to install in narrow ceiling spaces**

### Specifications

| MODEL | | FXCQ20AVM4 | FXCQ25AVM4 | FXCQ32AVM4 | FXCQ40AVM4 | FXCQ50AVM4 | FXCQ63AVM4 | FXCQ80AVM4 | FXCQ125AVM4 |
|---|---|---|---|---|---|---|---|---|---|
| Power supply | | 1-phase, 220-240 V/220 V, 50/60 Hz | | | | | | | |
| Cooling capacity | Btu/h | 7,500 | 9,600 | 12,300 | 15,400 | 19,100 | 24,200 | 30,700 | 47,800 |
| | kW | 2.2 | 2.8 | 3.6 | 4.5 | 5.6 | 7.1 | 9.0 | 14.0 |
| Power consumption | kW | 0.031 | 0.039 | 0.039 | 0.041 | 0.059 | 0.063 | 0.090 | 0.149 |
| Casing | | Galvanised steel plate | | | | | | | |
| Sound level (H/L) | 220 V dB(A) | 32/28 | 34/29 | 34/30 | 36/31 | 37/31 | 39/32 | 42/33 | 46/38 |
| Dimensions (H×W×D) | mm | 305×775×620 | 305×775×620 | 305×775×620 | 305×990×620 | 305×990×620 | 305×1,175×620 | 305×1,445×620 | 305×1,445×620 |
| Machine weight | kg | 19.0 | 19.0 | 19.0 | 19.0 | 22.0 | 25.0 | 33.0 | 38.0 |

## Ceiling Mounted Cassette Corner Type FXKQ-MA

**Slim design for flexible installation**

### Specifications

| MODEL | | FXKQ25MAVE4 | FXKQ32MAVE4 | FXKQ40MAVE4 | FXKQ63MAVE4 |
|---|---|---|---|---|---|
| Power supply | | 1-phase, 220-240 V/220 V, 50/60 Hz | | | |
| Cooling capacity | Btu/h | 9,600 | 12,300 | 15,400 | 24,200 |
| Power consumption | kW | 0.066 | | 0.076 | 0.105 |
| Sound level (H/L) | 220 V dB(A) | 38/33 | | 40/34 | 42/37 |
| | 240 V | 40/35 | | 42/36 | 44/39 |
| Dimensions (H×W×D) | mm | 215X1,110X710 | | | 215X1,310X710 |
| Machine weight | kg | 31 | | | 34 |

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.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. During actual operation, these values are normally somewhat higher as a result of ambient conditions.

# Indoor Unit Lineup



## Slim Ceiling Mounted Duct Type (Standard Series) — New — FXDQ-PD / ND

**Slim design, quietness and static pressure switching**

### Specifications

| MODEL | with drain pump | FXDQ20PDVE4 | FXDQ25PDVE4 | FXDQ32PDVE4 | FXDQ40NDVE4 | FXDQ50NDVE4 | FXDQ63NDVE4 |
|---|---|---|---|---|---|---|---|
| | without drain pump | FXDQ20PDVET4 | FXDQ25PDVET4 | FXDQ32PDVET4 | FXDQ40NDVET4 | FXDQ50NDVET4 | FXDQ63NDVET4 |
| Power supply | | 1-phase, 220-240 V/220 V, 50/60 Hz | | | | | |
| Cooling capacity | Btu/h | 7,500 | 9,600 | 12,300 | 15,400 | 19,100 | 24,200 |
| Power consumption (FXDQ-PDVE) ★1 | kW | 0.086 | 0.086 | 0.089 | 0.160 | 0.165 | 0.181 |
| Power consumption (FXDQ-PDVET) ★1 | kW | 0.067 | 0.067 | 0.070 | 0.147 | 0.152 | 0.168 |
| External static pressure | Pa | 30-10 ★2 | | | 44-15 ★2 | | |
| Sound level (HH/H/L) ★1★3 | dB(A) | 28/26/23 | | 28/26/24 | 30/28/26 | 33/30/27 | 33/31/29 |
| 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 | 23 | 23 | 27 | 28 | 31 |

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.
- •Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index.(See Engineering Data Book for details.)
- •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: FXDQ-PD: external static pressure of 10 Pa; FXDQ-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 FXDQ-PD models and 15 Pa for FXDQ-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).

## Slim Ceiling Mounted Duct Type (Compact Series) — FXDQ-SP

**Slim and compact design for easy and flexible installation**

### Specifications

| MODEL | | FXDQ20SPV14 | FXDQ25SPV14 | FXDQ32SPV14 | FXDQ40SPV14 | FXDQ50SPV14 | FXDQ63SPV14 |
|---|---|---|---|---|---|---|---|
| Power supply | | 1-phase, 220-240 V, 50 Hz | | | | | |
| Cooling capacity | Btu/h | 7,500 | 9,600 | 12,300 | 15,400 | 19,100 | 24,200 |
| Power consumption ★1 | kW | 0.072 | 0.075 | 0.078 | 0.180 | 0.180 | 0.196 |
| Airflow rate (HH/H/L) | $m^3$/min | 8.7/7.6/6.5 | 9.0/8.0/7.0 | 10.0/9.0/8.0 | 15.0/13.0/10.5 | | 20.0/16.0/12.5 |
| | cfm | 307/268/229 | 318/282/247 | 353/318/282 | 530/459/371 | | 706/565/441 |
| External static pressure | Pa | | 30-10 ★2 | | 50-20 ★2 | | 40-20 ★2 |
| Sound level (HH/H/L) ★1★3 | dB(A) | 33/31/29 | | 34/32/30 | 35/33/31 | | 37/35/33 |
| Dimensions (H×W×D) | mm | 200×700×450 | | | 200×900×450 | | 200×1,100×450 |
| Machine weight | kg | 17 | | | 20 | | 23 |

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.
- •Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- •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: FXDQ20-32SP: external static pressure of 10 Pa; FXDQ40-63SP: external static pressure of 20 Pa.
- ★2 : External static pressure is changeable to set by the remote controller. This pressure means "High static pressure - Standard". (Factorysetting is 10 Pa for FXDQ20-32SP models and 20 Pa for FXDQ40-63SP 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).
- ★



## Ceiling Mounted Duct Type — FXMQ-PA / MA / P

**Middle and high static pressure allows for flexible duct design**

### Specifications

| MODEL | | FXMQ20PAV4 | FXMQ25PAV4 | FXMQ32PAV4 | FXMQ40PAV4 | FXMQ50PAV4 |
|---|---|---|---|---|---|---|
| Power supply | | 1-phase, 220-240 V/220 V, 50/60 Hz | | | | |
| Cooling capacity | Btu/h | 7,500 | 9,600 | 12,300 | 15,400 | 19,100 |
| Power consumption | kW | 0.056 ★1 | 0.056 ★1 | 0.060 ★1 | 0.151 ★1 | 0.128 ★1 |
| Airflow rate (HH/H/L) | $m^3$/min | 9/7.5/6.5 | 9/7.5/6.5 | 9.5/8/7 | 16/13/11 | 18/16.5/15 |
| | cfm | 318/265/230 | 318/265/230 | 335/282/247 | 565/459/388 | 635/582/530 |
| External static pressure | Pa | 30-100 (50) ★2 | 30-100 (50) ★2 | 30-100 (50) ★2 | 30-160 (100) ★2 | 50-200 (100) ★2 |
| Sound level (HH/H/L) | dB(A) | 33/31/29 | 33/31/29 | 34/32/30 | 39/37/35 | 41/39/37 |
| Dimensions (H×W×D) | mm | 300x550x700 | 300x550x700 | 300x550x700 | 300x700x700 | 300x1,000x700 |
| Machine weight | kg | 25 | 25 | 25 | 27 | 35 |

| MODEL | | FXMQ63PAV4 | FXMQ80PAV4 | FXMQ100PAV4 | FXMQ125PAV4 | FXMQ140PAV4 |
|---|---|---|---|---|---|---|
| Power supply | | 1-phase, 220-240 V/220 V, 50/60 Hz | | | | |
| Cooling capacity | Btu/h | 24,200 | 30,700 | 38,200 | 47,800 | 54,600 |
| Power consumption | kW | 0.138 ★1 | 0.185 ★1 | 0.215 ★1 | 0.284 ★1 | 0.405 ★1 |
| Airflow rate (HH/H/L) | $m^3$/min | 19.5/17.5/16 | 25/22.5/20 | 32/27/23 | 39/33/28 | 46/39/32 |
| | cfm | 688/618/565 | 883/794/706 | 1,130/953/812 | 1,377/1,165/988 | 1,624/1,377/1,130 |
| External static pressure | Pa | 50-200 (100) ★2 | 50-200 (100) ★2 | 50-200 (100) ★2 | 50-200 (100) ★2 | 50-140 (100) ★2 |
| Sound level (HH/H/L) | dB(A) | 42/40/38 | 43/41/39 | 43/41/39 | 44/42/40 | 46/45/43 |
| Dimensions (H×W×D) | mm | 300×1,000×700 | 300×1,000×700 | 300×1,400×700 | 300×1,400×700 | 300×1,400×700 |
| Machine weight | kg | 35 | 35 | 45 | 45 | 46 |

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.
- •Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- •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: 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 seven (FXMQ20-32PA), thirteen (FXMQ40PA), fourteen (FXMQ50-125PA) or ten (FXMQ140PA) levels of control. These values indicate the lowest and highest possible static pressures. The standard static pressure is 50 Pa for FXMQ20-32PA and 100 Pa for FXMQ40-140PA.

**High static pressure allows for flexible duct design**

New

FXMQ200-250PVM4

### Specifications

| MODEL | | FXMQ200MAV4 | FXMQ250MAV4 | FXMQ200PVM | FXMQ250PVM |
|---|---|---|---|---|---|
| Power supply | | 1-phase, 220-240 V/220 V, 50/60 Hz | | | |
| Cooling capacity | Btu/h | 76,400 | 95,500 | 76,400 | 95,500 |
| Power consumption | kW | 1.294 ★1 | 1.465 ★1 | 0.55 ★1 | 0.67 ★1 |
| Airflow rate (H/L) | $m^3$/min | 58/50 | 72/62 | 61/50 | 71/58 |
| | cfm | 2,047/1,765 | 2,542/2,189 | 2,153/1,765 | 2,506/2,047 |
| External static pressure | Pa | 132-221 ★2 | 191-270 ★2 | 50-250 (150) ★2 | 50-250 (150) ★2 |
| ★ Sound level (H/L) 220 V | dB(A) | 48/45 | 48/45 | 38/35 | 40/37 |
| ★ Sound level (H/L) 240 V | dB(A) | 49/46 | 49/46 | - | - |
| Dimensions (H×W×D) | mm | 470×1,380×1,100 | 470×1,380×1,100 | 470×1,490×1,100 | 470×1,490×1,100 |
| Machine weight | kg | 137 | 137 | 95 | 105 |

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.
- • Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- • Sound level: (FXMQ-MA) 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: Power consumption values are based on conditions of standard external static pressure.
- 2: External static pressure is changeable to change over the connectors inside electrical box, this pressure means "Standard-High static pressure".

# Indoor Unit Lineup



## Middle Static Pressure Ceiling Mounted Duct Type — New FXSQ-PA

**Middle external static pressure and slim design allow flexible installations**

### Specifications

| MODEL | | FXSQ20PAV4 | FXSQ25PAV4 | FXSQ32PAV4 | FXSQ40PAV4 | FXSQ50PAV4 |
|---|---|---|---|---|---|---|
| Power supply | | 1-phase, 220-240 V/220 V, 50/60 Hz | | | | |
| Cooling capacity | Btu/h | 7,500 | 9,600 | 12,300 | 15,400 | 19,100 |
| Power consumption | kW | 0.058 *1 | 0.058 *1 | 0.066 *1 | 0.101 *1 | 0.075 *1 |
| Airflow rate (H/M/L) | $m^3$/min | 9/7.5/6.5 | 9/7.5/6.5 | 9.5/8/7 | 15/12.5/10.5 | 17/14.5/11.5 |
| | cfm | 318/265/230 | 318/265/230 | 335/282/247 | 530/441/371 | 600/512/406 |
| External static pressure | Pa | 30-150 (50) *2 | | | | 50-150 (50) *2 |
| Sound level (H/M/L) | dB(A) | 33/30/28 | | 34/32/30 | 36/33/30 | 34/32/29 |
| Dimensions (H×W×D) | mm | 245×550×800 | | | 245×700×800 | 245×1,000×800 |
| Machine weight | kg | 25 | | | 27 | 35 |

| MODEL | | FXSQ63PAV4 | FXSQ80PAV4 | FXSQ100PAV4 | FXSQ125PAV4 | FXSQ140PAV4 |
|---|---|---|---|---|---|---|
| Power supply | | 1-phase, 220-240 V/220 V, 50/60 Hz | | | | |
| Cooling capacity | Btu/h | 24,200 | 30,700 | 38,200 | 47,800 | 54,600 |
| Power consumption | kW | 0.106 *1 | 0.126 *1 | 0.151 *1 | 0.206 *1 | 0.222 *1 |
| Airflow rate (H/M/L) | $m^3$/min | 21/17.5/14.5 | 23/19.5/16 | 32/27/22.5 | 37/31.5/26 | 39/33.5/28 |
| | cfm | 741/618/512 | 812/688/565 | 1,130/953/794 | 1,306/1,112/918 | 1,377/1,183/988 |
| External static pressure | Pa | 50-150 (50) *2 | | | | 50-140 (50) *2 |
| Sound level (H/M/L) | dB(A) | 36/32/29 | 37.5/34/30 | 39/35/32 | 42/38.5/35 | 43/40/36 |
| Dimensions (H×W×D) | mm | 245×1,000×800 | | 245×1,400×800 | | 245×1,550×800 |
| Machine weight | kg | 35 | 37 | 46 | 47 | 52 |

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.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- 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: 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 (FXSQ20-40PA), eleven (FXSQ50-125PA) or ten (FXSQ140PA) levels of control. These values indicate the lowest and highest possible static pressures. The rated static pressure is 50 Pa.

## Wall Mounted Type — New FXAQ-AVM

**Stylish flat panel design harmonised with your interior décor**

### Specifications

| MODEL | | FXAQ20AVM(4)(S) | FXAQ25AVM(4)(S) | FXAQ32AVM(4)(S) | FXAQ40AVM(4)(S) | FXAQ50AVM(4)(S) | FXAQ63AVM(4)(S) |
|---|---|---|---|---|---|---|---|
| Power supply | | VM: 1-phase, 220-240 V/220-230 V, 50/60 Hz<br>VM4, VMS: 1-phase, 220 V, 50 Hz | | | | | |
| Cooling capacity | Btu/h | 7,500 | 9,600 | 12,300 | 15,400 | 19,100 | 24,200 |
| Power consumption | kW | 0.040 | | | 0.050 | 0.060 | 0.100 |
| Airflow rate (H/L) | $m^3$/min | 9.1/7.0 | 9.4/7.0 | 9.8/7.0 | 12.2/9.7 | 15.0/12.0 | 19.0/14.0 |
| | cfm | 321/247 | 332/247 | 346/247 | 431/342 | 530/424 | 671/494 |
| Sound level (H/L) | dB(A) | 33.0/28.5 | 35.0/28.5 | 37.5/28.5 | 37.0/33.5 | 41.0/35.5 | 46.5/38.5 |
| Dimensions (H×W×D) | mm | 290×795×266 | | | 290×1,050×269 | | |
| Machine weight | kg | 12.0 | | | 15.0 | | |

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°CWB, 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. (See Engineering Data Book for details.)
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. During actual operation, these values are normally somewhat higher as a result of ambient conditions.



## Ceiling Suspended Type — FXHQ-MA / A

**Slim body with quiet and wide airflow**

### Specifications

| MODEL | | FXHQ32MAV7 | FXHQ63MAV7 | FXHQ100MAV7 | FXHQ125AVM4 | FXHQ140AVM4 |
|---|---|---|---|---|---|---|
| Power supply | | 1-phase, 220-240 V/220 V, 50/60 Hz | | | | |
| Cooling capacity | Btu/h | 12,300 | 24,200 | 38,200 | 48,000 | 52,900 |
| Power consumption | kW | 0.111 | 0.115 | 0.135 | 0.168 | 0.181 |
| Airflow rate (H/L) | $m^3$/min | 12/10 | 17.5/14 | 25/19.5 | 34/20 | 36/20 |
| | cfm | 424/353 | 618/494 | 883/688 | 1,200/706 | 1,271/706 |
| Sound level (H/L) | dB(A) | 36/31 | 39/34 | 45/37 | 46/37 | 48/37 |
| Dimensions (H×W×D) | mm | 195×960×680 | 195×1,160×680 | 195×1,400×680 | 235×1,590×690 | 235×1,590×690 |
| Machine weight | kg | 24.0 | 28.0 | 33.0 | 39.0 | |

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.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. During actual operation, these values are normally somewhat higher as a result of ambient conditions.

## Floor Standing Type — FXLQ-MA

**Suitable for perimeter zone air conditioning**

### Specifications

| MODEL | | | FXLQ20MAVE4 | FXLQ25MAVE4 | FXLQ32MAVE4 | FXLQ40MAVE4 | FXLQ50MAVE4 | FXLQ63MAVE4 |
|---|---|---|---|---|---|---|---|---|
| Power supply | | | 1-phase, 220-240 V/220 V, 50/60 Hz | | | | | |
| Cooling capacity | | Btu/h | 7,500 | 9,600 | 12,300 | 15,400 | 19,100 | 24,200 |
| Power consumption | | kW | 0.049 | 0.049 | 0.090 | 0.090 | 0.110 | 0.110 |
| Airflow rate (H/L) | | $m^3$/min | 7/6 | 7/6 | 8/6 | 11/8.5 | 14/11 | 16/12 |
| | | cfm | 247/212 | 247/212 | 282/212 | 388/300 | 494/388 | 565/424 |
| Sound level (H/L) | 220 V | dB(A) | 35/32 | 35/32 | 35/32 | 38/33 | 39/34 | 40/35 |
| | 240 V | | 37/34 | 37/34 | 37/34 | 40/35 | 41/36 | 42/37 |
| Dimensions (H×W×D) | | mm | 600×1,000×222 | 600×1,000×222 | 600×1,140×222 | 600×1,140×222 | 600×1,420×222 | 600×1,420×222 |
| Machine weight | | kg | 25.0 | 25.0 | 30.0 | 30.0 | 36.0 | 36.0 |

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.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- Sound level: Anechoic chamber conversion value, measured at a point 1.5 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.

# Indoor Unit Lineup

## FXVQ-N

**Large airflow type for large spaces.**
**Flexible interior design for each tenant.**

### Specifications

| MODEL | | | FXVQ125NY14 | FXVQ200NY14 | FXVQ250NY14 |
|---|---|---|---|---|---|
| Power supply | | | 3-phase 4-wire system, 380–415 V, 50 Hz | | |
| Cooling capacity | | Btu/h | 47,800 | 76,400 | 95,500 |
| | | | 0.53 | 1.33 | 1.61 |
| Dimensions (H×W×D) | | mm | 1,670×750×510 | 1,670×950×510 | 1,670×1,170×510 |
| Machine weight | | kg | 118 | 144 | 169 |
| Sound level *1 | | dB(A) | 52 | 56 | 60 |
| Air filter | Type | | Long-life filter (anti-mould resin net) | | |
| Fan | Motor output | kW | 0.75 | 1.5 | |
| | Airflow rate | $m^3$/min | 43 | 69 | 86 |
| | | cfm | 1,518 | 2,436 | 3,036 |
| | External static pressure *2 | Pa | 152 | 217 | 281 |

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.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)

*1: Sound level : measured when the air discharge outlet duct (2 m) is attached (anechoic chamber conversion value). It increases by approximately 5 dB(A) when the plenum chamber is installed to deliver direct airflow.
*2: The value is the external static pressure with standard pulley.

# Concealed Floor Standing Type

## FXNQ-MA

**Designed to be concealed**
**in the perimeter skirting-wall**

### Specifications

| MODEL | | | FXNQ20MAVE4 | FXNQ25MAVE4 | FXNQ32MAVE4 | FXNQ40MAVE4 | FXNQ50MAVE4 | FXNQ63MAVE4 |
|---|---|---|---|---|---|---|---|---|
| Power supply | | | 1-phase, 220-240 V/220 V, 50/60 Hz | | | | | |
| Cooling capacity | | Btu/h | 7,500 | 9,600 | 12,300 | 15,400 | 19,100 | 24,200 |
| Power consumption | | kW | 0.049 | 0.049 | 0.090 | 0.090 | 0.110 | 0.110 |
| Airflow rate (H/L) | | $m^3$/min | 7/6 | 7/6 | 8/6 | 11/8.5 | 14/11 | 16/12 |
| | | cfm | 247/212 | 247/212 | 282/212 | 388/300 | 494/388 | 565/424 |
| Sound level (H/L) | 220 V | dB(A) | 35/32 | 35/32 | 35/32 | 38/33 | 39/34 | 40/35 |
| | 240 V | | 37/34 | 37/34 | 37/34 | 40/35 | 41/36 | 42/37 |
| Dimensions (H×W×D) | | mm | 610×930×220 | 610×930×220 | 610×1,070×220 | 610×1,070×220 | 610×1,350×220 | 610×1,350×220 |
| Machine weight | | kg | 19.0 | 19.0 | 23.0 | 23.0 | 27.0 | 27.0 |

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.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- Sound level: Anechoic chamber conversion value, measured at a point 1.5 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.



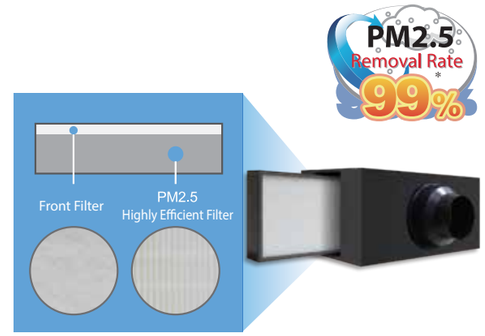
# Air Treatment Equipment

## PM2.5 filtration unit

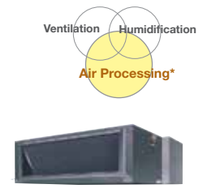
### Double-layered efficient filtration

PM2.5 filters are double-layered.
1. The front filter effectively removes large particles.
2. The PM2.5 filter layer contains a large amount of static electricity to capture particulate matter efficiently.

Optional :
Active Carbon FItration Unit




## Air Treatment Equipment

| | | Outdoor-Air Processing Unit | Heat Reclaim Ventilator | | |
|---|---|---|---|---|---|
| | | | VKM-GAM Type | VKM-GA Type | VAM-GJ Type |
| | |   |   | |   |
| Connections with VRV systems | Refrigerant Piping | Connectable | Connectable | | Not connectable |
| | Wiring | Connectable | Connectable | | Connectable |
| | After-cool & After-heat Control | Available | Available | | Not available |
| Heat Exchange Element | | — | Energy savings obtained | | Energy savings obtained |
| Humidifier | | — | Fitted | — | — |
| High Efficiency Filter | | Option | Option | | Option |
| Ventilation System | | Air supply only | Air supply & air exhaust | | Air supply & air exhaust |
| Power Supply | | 220-240 V, 50 Hz | 220-240 V, 50 Hz | | 220-240 V/220 V, 50 Hz/60 Hz |
| Airflow Rate | | 1080 $m^3$/h<br>1680 $m^3$/h<br>2100 $m^3$/h | 500 $m^3$/h<br>800 $m^3$/h<br>1000 $m^3$/h | | 150 $m^3$/h<br>250 $m^3$/h<br>350 $m^3$/h<br>500 $m^3$/h<br>650 $m^3$/h<br>800 $m^3$/h<br>1000 $m^3$/h<br>1500 $m^3$/h<br>2000 $m^3$/h |

*Refers to bringing outdoor air to near indoor temperature and delivering to a room.

# Control System

## Individual Control Systems For Vrv Systems

### Navigation Remote Controller (Wired remote controller) (Option)

This simple, modern designed remote controller with fresh white colour matches your interior design.
Operation is much easier and smoother, just follow the indications on the navigation remote controller.

New BRC1E63

BRC1C62

Displays current airflow, swing, temperature, operating mode and timer settings design.
Operation is much easier and smoother, just follow the indications on the navigation remote controller.

* Individual airflow direction, auto airflow rate and sensing sensor control can be set only via wired remote controller BRC1E63. Cannot be set via other remote controllers.

### Wireless remote controller (Option)

New BRC7M635F
(For FXF(S)Q series)

Signal receiver unit
(Installed type)

- The wireless remote controller is supplied in a set with a signal receiver.
- Signal receiver unit of installed type is contained inside decoration panel or indoor unit.

* Note: The signal receiver unit shown in the photograph is for mounting inside the decoration panel of FXF(S)Q series.

New • Backlight LCD of new wireless remote controller

Pressing the backlight button helps operating in dark rooms.

Wireless remote controller

Signal receiver unit
(Separate type)

- A compact signal receiver unit (separate type) to be mounted into a wall or ceiling is included.

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

### Simplified remote controller (Option)

Exposed type
**(BRC2C51)**

Concealed type
(For hotel use)
**(BRC3A61)**

- The remote controller has centralised its frequently used operation selectors and switches (on/off, operation mode, temperature setting and airflow volume), making itself suitable for use in hotel rooms or conference rooms.

### Wide variation of remote controllers for VRV indoor units

| | FXF(S)Q | FXZQ | FXCQ | FXKQ | FXDQ | FXSQ | FXMQ | FXHQ | FXAQ | FXL(N)Q | FXVQ | FXB(P)Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Navigation remote controller (Wired remote controller) (BRC1E63) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Wired remote controller (BRC1C62) | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Wireless remote controller* (Installed type signal receiver unit) | ● | ● | ● | | | | | ● | ● | | | |
| Wireless remote controller* (Separate type signal receiver unit) | | | | ● | ● | ● | ● | | | ● | | ● |
| Simplified remote controller (Exposed type) (BRC2C51) | | | | | ● | ● | ● | | | ● | | ● |
| Simplified remote controller (Concealed type: for Hotel use) (BRC3A61) | | | | | ● | ● | ● | | | ● | | ● |

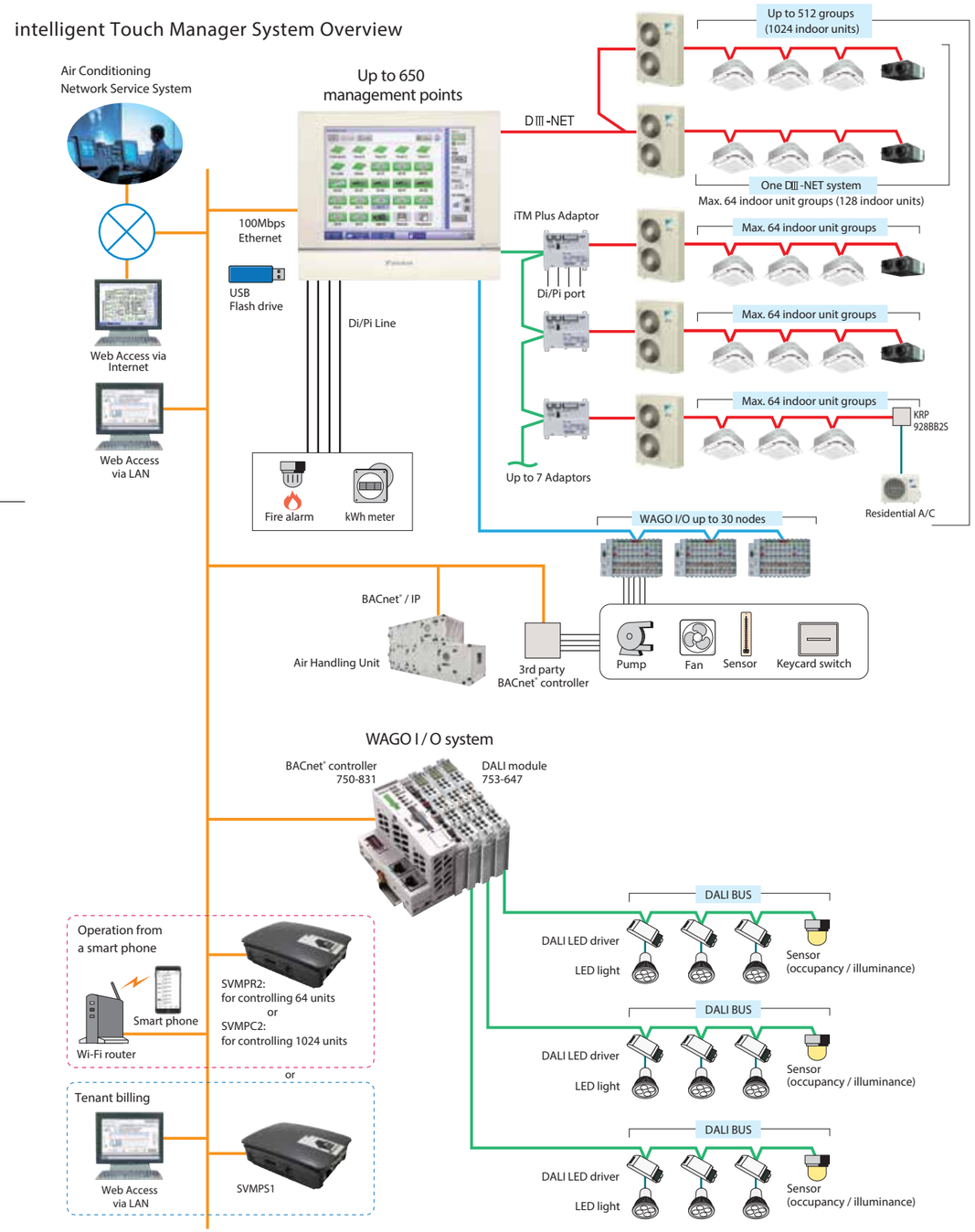




## Advanced Control Systems for VRV System

### System structure

intelligent Touch Manager System Overview



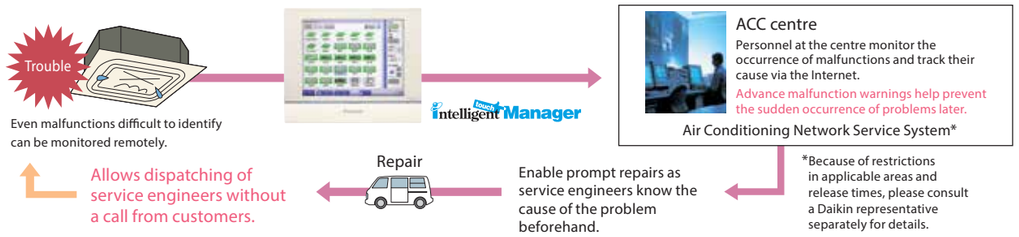
## Air Conditioning Network Service System

### Preventive Maintenance

The intelligent Touch Manager can be connected to Daikin's own Air Conditioning Network Service System for remote monitoring and verification of operation status for VRV system. By its ability to predict malfunctions, this service provides customers with additional peace of mind.

### Enhanced convenience with link to the Air Conditioning Network Service System

The intelligent Touch Manager connects seamlessly to Daikin's 24-hour Air Conditioning Network Service System.




## Daikin Offers a Variety of Control Systems

### Convenient controllers that offer more freedom to administrators

DCS601C51

intelligent Touch Controller

Ease of use and expanded control functions

The user-friendly controller features colours, multilingual function, and icons in the display for ease of understanding. A wide variety of control methods can be accommodated, permitting administrators to monitor and operate the system even when they are away from the controller.

### Connect VRV system to your BMS via BACnet® or LONWORKS®

Compatible with BACnet® and LONWORKS®, the two leading open network comunication protocols, Daikin offers interfaces that provide a seamless connection between VRV system and your BMS.

Dedicated interfaces make Daikin air conditioners freely compatible with open networks

DMS502B51
(Interface for use in BACnet®)

**BACnet®**

Seamless connection between VRV system and BACnet® open network protocol.

DMS504B51
(Interface for use in LONWORKS®)

**LONWORKS®**

Facilitating the network integration of VRV system and LONWORKS®

Notes: 1. BACnet® is a registered trademark of American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).
2. LONWORKS® is a trademark of Echelon Corporation registered in the United States and other countries.



SUPER MULTI NX
HEMAT TEMPAT BERTENAGA

# PIONEER OF MULTI-SPLIT SYSTEM

In 1973, Daikin developed the first multi-split air conditioning system in Japan. With over 45 years since this milestone, we have built an international reputation based on quality, reliability, and advanced technology – all of which are incorporated into our products.

Daikin's multi-split air conditioners require only a single outdoor unit to maintain the optimum comfort in up to five rooms. The countless benefits offered by a multi-split system are further enhanced by Daikin's DC inverter control and the next-generation R-32 refrigerant.



# ONE OUTDOOR UNIT, INFINITE POSSIBILITIES.

If you are looking for an air conditioner for the whole-house comfort, Daikin's Super Multi NX is your ideal choice. It takes only one Super Multi NX outdoor unit to maintain comforts in up to five rooms.

## SPACE SAVING

Meticulously designed with your needs in mind to solve the space constraint, as well as to complement the interior layout.

## PLEASANT INTERIOR

With a wide variety of indoor units available, it is easy to select a model that matches and blends with your home decor seamlessly.

## ENERGY SAVING

Running costs are reduced since air conditioners in selected rooms can be switched on independently.

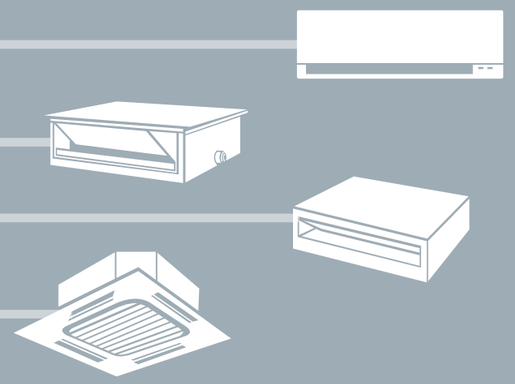
## COMFORT FOR ALL

Each indoor unit can be individually controlled, scheduled, and set to a desired room temperature, ensuring the optimal comfort for all occupants.

## SMART CONTROL

A perfect choice for anyone with a modern lifestyle. No matter where you are, you can remotely control Daikin's air conditioners with a few simple clicks from your device.



# INDOOR UNITS

## LOW STATIC PRESSURE DUCT

**Slim Duct**
2.5 kW (1HP)
3.5 kW (1.5 HP)

Cooling only
CDXP25RVM4
CDXP35RVM4

**Standard Duct**
2.5 kW (1HP)
3.5 kW (1.5 HP)
5.0 kW ( 2HP )
6.0 kW (2.5 HP)
7.1 kW (3 HP)

Cooling only
CDXM25RVM4
CDXM35RVM4
CDXM50RVM4
CDXM60RVM4
CDXM71RVM4

## MIDDLE STATIC PRESSURE DUCT

**MSP Duct**
5.0 kW (2 HP)
6.0 kW (2.5 HP)
7.1 kW (3 HP)

Cooling only
FMA50RVM4
FMA60RVM4
FMA70RVM4

## CASSETTE

**2x2 cassette**
2.5 kW (1 HP)
3.5 kW (1.5 HP)
5.0 kW (2 HP)
6.0 kW (2.5 HP)

Cooling only
FFA25RV14
FFA35RV14
FFA50RV14
FFA60RV14

## WALL MOUNTED TYPE

**CTKM**
2.5 kW (1 HP)
3.5 kW (1.5 HP)

Cooling only
CTKM25RVM4
CTKM35RVM4



**CTKM**
5.0 kW (2 HP)
6.0 kW (2.5 HP)
7.1 kW (3 HP)

Cooling only
CTKM50RVM
CTKM60RVM



# OUTDOOR UNITS

Cooling only
4MKM68RVM4

CONNECTABLE 4 ROOMS
2.7 HP
(0.5 - 9.4 HP)
6.8 kW (1.6 - 9.4 kW)

Cooling only
4MKM80RVM4

CONNECTABLE 4 ROOMS
3.2 HP
(0.5 - 3.8 HP)
6.8 kW (1.6 - 10.2 kW)

Cooling only
5MKM100RVM4

CONNECTABLE 5 ROOMS
4 HP
(0.5 - 4.9 HP)
10.0 kW (1.6 - 9.4 kW)

# MORE SPACE, BETTER LIFESTYLE

- **Multiple kinds of indoor unit**
- **Pleasant interior**
- **More usable space**

With only one single outdoor unit, you can effectively control the temperature in your entire house, while having more usable space for your outdoor area, such as a balcony or terrace.

Enhance your interior fitting with Daikin's state-of-the-art technology, more choices are available to refine your interior for a more elegant demeanor.




During the day, we generally spend our time in the living room or working room. However, during the night, we hardly spend time in those areas. Hence, this Multi-Split system is undoubtedly perfect for individuals with this mode of lifestyle.

Always save energy: maximum capacity of 5MKM100RVMV is 13.0 kW, during the day, it's use only 10.5 kW so it is always save energy.

# INNOVATIVE TECHNOLOGIES FOR A BETTER LIFE

## THE OZONE LAYER

is our nature shield against all harmful sun rays i.e. UV radiation in the stratosphere. Indeed, human has been the cause of ozone layer depletion for over decades.

## NEXT GENERATION R32 REFRIGERANT

- Zero ozone layer depletion
- Less impact on global warming
- Increased energy efficiency

COOLER EARTH

LOWER ELECTRICITY BILL

R32

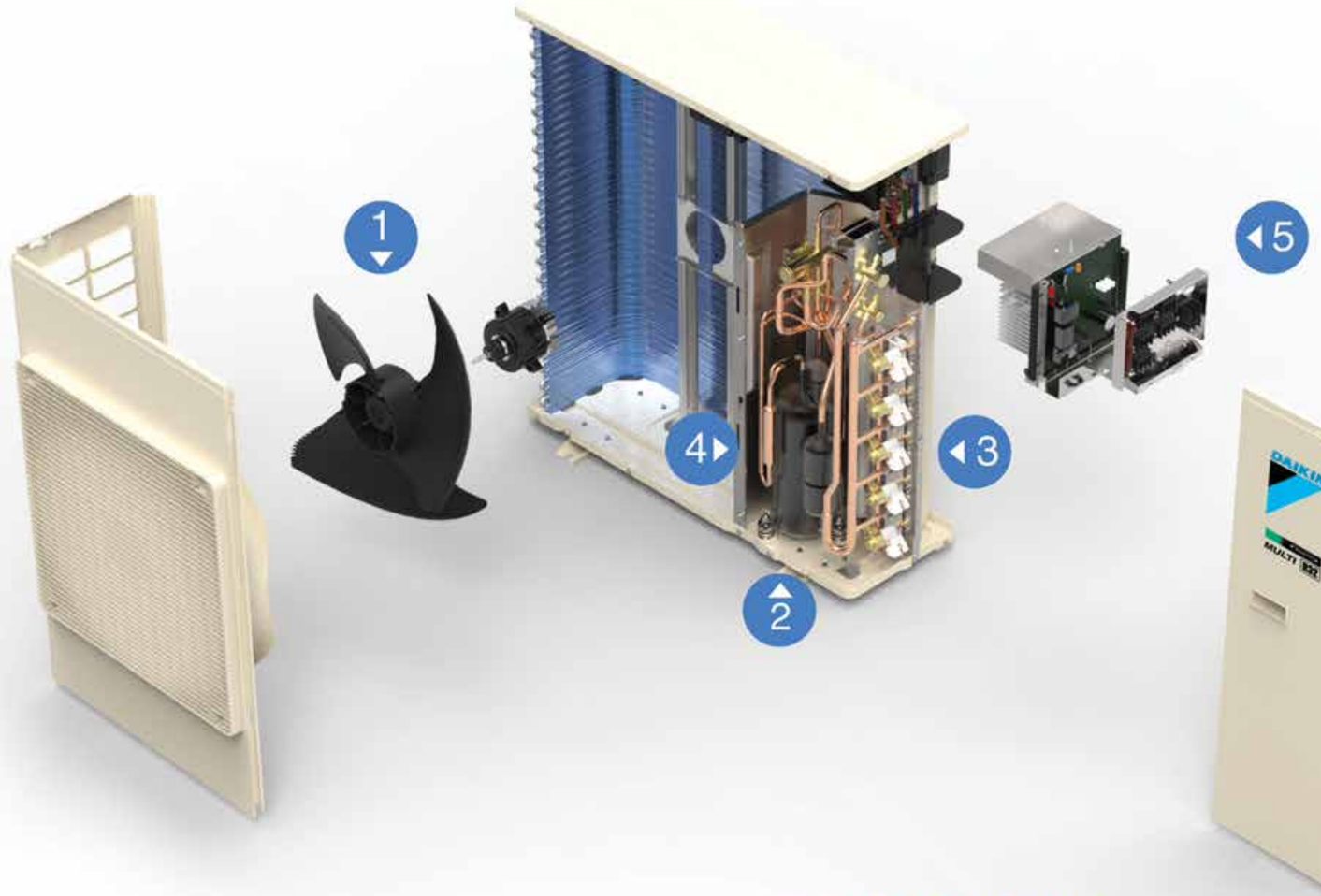
LESS HARMFUL UV RADIATION

SLOW DOWN SHORE RETREAT PROCESS

## 100 YEARS GLOBAL WARMING POTENTIAL OF DIFFERENT REFRIGERANTS


HFC = hydrofluorocarbons CFC = chorofluorocarbons HCFC = hydrochlorofluorocarbons
* For residential-use wall-mounted type air conditioners as of November 2012, when Daikin launched Urusara 7 in the japanese market.






# SUPER MULTI NX TECHNOLOGIES

## 1. SMOOTH AIRFLOW

**Saw edge fan blade** - Experience the true tranquility from the advanced blade design. The additional saw-tooth edge at the rear of the blade smoothens airflow over the blade's surface and reduces turbulence, resulting in a peaceful environment for your living space.

## 2. QUIET AND COMFORTABLE

**Swing compressor** - Noise disturbance is no longer your concern. Daikin has developed powerful swing compressors with a high-pressure dome and lubricant oil, enabling the engine to run smoothly, quietly, and efficiently.

## 3. ENERGY SAVING

**Reluctance DC motor** - With the latest technology, all super multi NX compressors are equipped with reluctance DC motors that incorporate the use of magnetic torques or neodymium magnets with reluctance torques, resulting in a maximum energy efficiency.

## 4. BETTER PERFORMANCE

**Inverter technology** - The inverter PCB operates in a similar way to the accelerator of a car, which can gently increase or decrease power. It ensures that your desired temperature can be reached faster and can be maintained constantly without any fluctuations.

## 5. ENHANCE EFFICIENCY

**Expansion valve** – Daikin's smart refrigerant control technology presents a newly designed EV valve that is more powerful yet cost-saving. It enhances the inverter's performance and controls the refrigerant usage more effectively by up to 80%.

# WHY DAIKIN INVERTER?

## SUPER MULTI NX: SMART, COMFORTABLE, BEST CHOICE FOR YOUR LIFESTYLE

Daikin Inverter Technology is one of the most energy-efficient solutions to heat and cool your home. It gently adjusts the power to reach your desired temperature faster, while maintains the temperature without any fluctuations.

It is considerably more effective than a non-inverter system. It can save more power consumption, while stabilizes the room temperature at a comfortable level throughout the day and night.


### INVERTER OPERATION

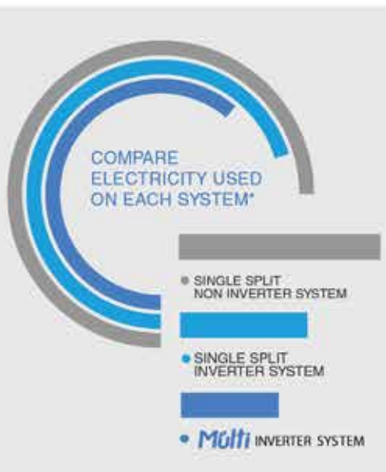
- Less energy consumption
- Quieter
- Stable temperture

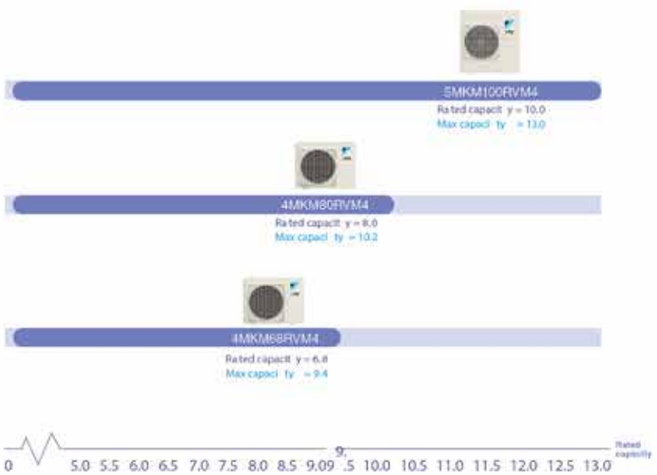

### NON-INVERTER OPERATION

- More energy consumption
- Noisier
- Unstable temperture

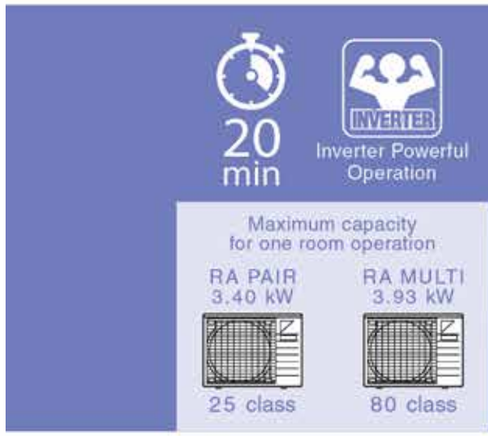
## STRONG COOLING & SUPERIOR PERFORMANCE OF DAIKIN INVERTER COMPRESSOR*

With its advanced inverter technology, Daikin's Multi R32 air conditioners have a cooling capacity higher than the rated capacity by up to **144%**. Likewise, its cooling capacity is also higher than that of the split air conditioners when compared side-by-side, due to the larger condensing unit.





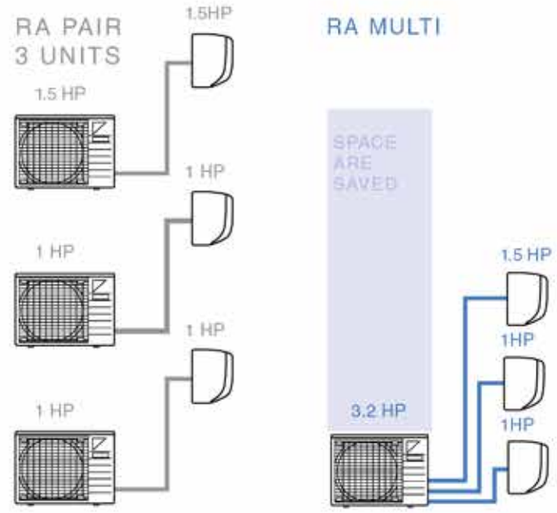

### SUPER POWERFUL

Be worry-free when you suddenly have a guest or need an immediate cool air. This 'Super powerful mode' boosts up the capacity of your air conditioners for 20 minutes, ensuring that everyone will have a positive impression of your open-house party!

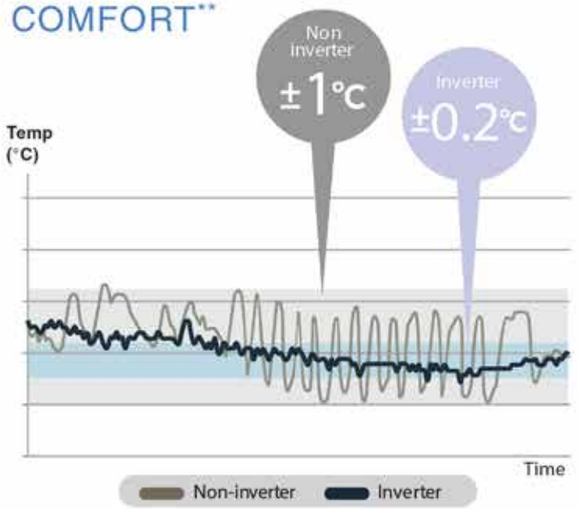
With the advantage of the multi system that has a condensing unit with higher cooling capacity than single split system, its total capacity can be concentrated on one room, enabling the 'Super Powerful' function to provide an efficient and fast cooling.

## LOOK ALL SAME , ONLY DIFFERENT IS PERFORMANCE!

EFFECTIVELY CONTROL THE TEMPERATURE IN YOUR ENTIRE HOUSE WITH ONLY ONE SINGLE OUTDOOR UNIT.




## BETTER COMFORT**




**The graph above illustrates a set of controlled temperatures measured in a field test.

# SUPER CLEAN FILTER

## AIR CONDITIONERS THAT CARE FOR YOUR HEALTH

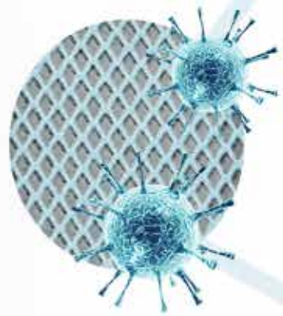
While the filter's micron-level fibers trap dust, the titanium apatite effectively adsorbs odours and allergens and acts as a deodoriser. This filter delivers a consistent performance for approximately three years if it is washed with water every six months.

*This filter is not a medical device & applicable to selected model only.



### 1.AIR FILTER

Air filter catches dust.



### 2.SUPER CLEAN FILTER*

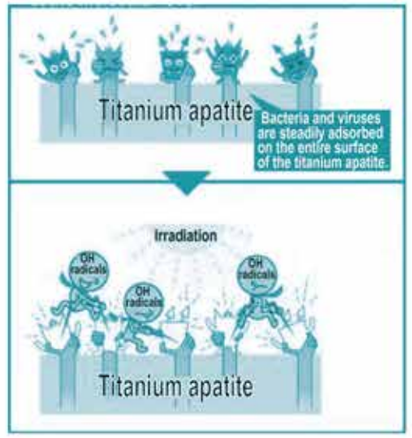
1.The filter's micron level fibers trap dust.
2.Titanium apatite effectively absorbs odours and allergens.

Guaranteed that Odours & Allergens Will be ADSORBED

HOW

## Super clean filter

ADSOBED ODOURS & ALLERGENS?

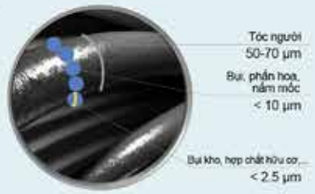



NEW!

### DUST COLLECTION FILTER (PM2.5)**

The filter collects particles as small as 2.5 microns passing through the filter. The effectiveness of this filter depends on room conditions and the use of an air conditioner.

BAFP046A41




** **Available with CTKM indoor unit only (As Optional).**
This filter is not a medical device and doesn't have certification.
This filter cannot be cleaned and recommended to be replaced every 6 months.

# LOW STATIC PRESSURE DUCT

Cooling only

**SLIM DUCT**
Dimensions (HxWxD)
2.5 kW(1HP) I 3.5 kW(1.5HP)
200 x 700 x 620 mm

**STANDARD DUCT**
Dimensions (HxWxD)
2.5 kW(1HP) I 3.5 kW(1.5HP)
5.0 kW(2HP)
200 x 900 x 620 mm

6.0 kW(2.5HP) I 7.1 kW(3HP)
200 x 1,100 x 620 mm

Wireless remote function

Optional



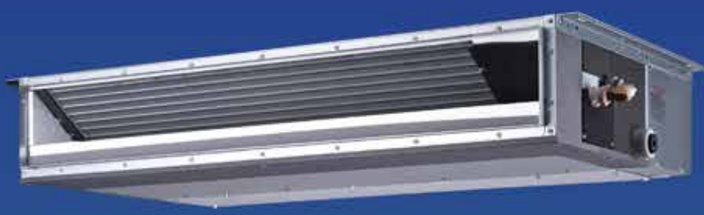
Engineered to deliver a compact and efficient design with a wide capacity range, these units are best suited to heating and cooling larger homes or even the tight roof space of any modern home.

## CDXP

**SLIM DUCT**
1 HP to 1.5 HP

## CDXM

**STANDARD DUCT**
1 HP to 3 HP



BRC086A12

Optional
BRC073A4

- Beautiful interior
- Super powerful operation*
- 0.5 °C temperature control*
- Back light remote controller
- Fan speed can be set to correspond to your comfort level

*Available with wireless remote control

NEW!

# MIDDLE STATIC PRESSURE DUCT

Cooling only

Dimensions (HxWxD)
5.0 kW(2 HP) I 6.0 kW(2.5HP) I 7.1 kW(3 HP)
245x1000x800 mm

Wireless remote function

Opticnal

**Silver ion anti-bacterial drain pan**

A built-in antibacterial treatment that incorporates the use of silver ion in the drain pan to prevent the growth of bacteria and molds that may cause unfavorable odors and clogging.

(Recommended to be changed once every two to three years.)



A new MSP duct has been designed to meet the construction challenges of modern or medium-density apartments, adding more smart functions for better comfort and convenience.

# FMA


BRC086A22


Optional
BRC1E62

2 HP to 3 HP

- Beautiful interior
- More flexible installation
- 72 hours on - off timer*
- Silver Ion anti bacterial drain pan
- Backlight remote controller
- Highly durable & easy to maintenance with drain pump mechanism.

*Available with wireless remote control

The four-way airflow distribute air evenly in four directions with low noise and customizable comfort. With their discreet design, the central location of a cassette is barely noticeable in sitting flat with the ceiling.


BRC086A22


Optional
BRC1E62

# FFA

- swing pattern can be set to correspond to your comfort level
- 72 hours on-off timer*
- Highly durable & easy to maintenance with drain pump mechanism.

* Available with wireless remote control

# 2x2 CASSETTE

Cooling only

Dimensions (HxWxD)

2.5 kW(1HP) I 3.5 kW(1.5HP) I 5.0 kW(2HP) I 6.0 kW(2.5HP)

260(286*1) x 575 x 575 mm

**You can freely set swing pattern to correspond to your comfort level**

1) Comfort mode (standard) 2) Draft away function 3) Ceiling care mode

Wireless remote function


Optional

1 HP to 2.5 HP

*Include control box

Delivered in understated confidence, featuring whisper quiet operation, energy efficiency and premium comfort levels without compromising on style.

Type remote Wireless :
* 1 HP & 1.5 HP : ARC466A41
* 5 HP & 6 HP : ARC466A43



Optional
BRC073A4

- 0.5 °C temperature control*
- 2 area intelligent eye*
  (Auto energy saving / Focus & comfort)**
- Comfort mode*
- Super clean filter
- Super powerful operation*
- Weekly timer*
- Back light remote controller

* Available with wireless remote control
**Auto energy saving available from 2.5 kW to 7.1 kW
Focus & comfort available with 2.5 kW and 3.5 kW

1 HP to 3 HP

# CTKM

Cooling only

Dimensions (HxWxD)

2.5 kW(1HP) I 3.5 kW(1.5HP)
285 x 770 x 223 mm

5.0 kW(2HP) I 6.0 kW(2.5HP)
7.1 kW(3HP)
295 x 990 x 263 mm

INTELLIGENT EYE:
▼COMFORT & FOCUS

This function uses its infrared sensor to direct airflow either toward or away from people.

Wireless remote function


**D-Mobile Interface (Option)**

Daikin's D-mobile smartphone interface allows you to control the multi split system from anywhere at any time.

Need optional adapter BRP072A42 and KRP067A41(for 25/35) or KRP980B2 (for 50/60/71)

**Only available in CTKM**

# SUPER CONVENIENCE

## Bedroom : Monday to Friday


### Weekly timers

Daikin can be integrated automatically as a part of your daily routine with our weekly timer that enables you to schedule settings for day, time and temperature up to 4 settings. No matter you want it off before you leave to work, the temperature warmer during the night, or cooler during the day.

* 6 timer settings a day if via "Daikin Mobile Controller".

### 24/72 hours on/off timer


# INTELLIGENT EYE

### Auto energy saving

Features an infrared sensor that automatically controls air conditioning operation according to human movement for better comfort and higher energy saving. Daikin's Intelligent Eye, which is a sensor that intelligently switches the unit to an energy-saving mode (+ - 2°C) when the room is unoccupied for 20 minutes.

| | CTKM 25 \| 35 | CTKM 50 \| 60 \| 71 |
|---|---|---|
| Intelligent eye (Auto energy saving) | ● | ● |
| Intelligent eye (Comfort) | | |
| NEW! Intelligent eye (Comfort & Focus) | ● | |

SMART CONTROL

## HOW 3D AIRFLOW WORKS?

The flaps and louvers swing in turn, expanding the comfort zone


# SUPER COMFORT

### 3-D airflow

Daikin's 3D Airflow function combines both vertical and horizontal auto-swings to distribute air and spread comforts evenly across the room.

# FEATURE CHECKLIST

## FUNCTION

| | | COMFORTABLE AIRFLOW | COMFORT CONTROL | LIFESTYLE CONVENIENT | HEALTH & CLEAN | REMOTE CONTROLLER / TIMERS | RELIABILITY & DURABILITY |
|---|---|---|---|---|---|---|---|
|  Low static pressure duct | Wireless remote | | New | New New New | | Optional | |
| | Wired remote (Optional) | | New | New | | New Optional | |
|  Middle static pressure duct | Wireless remote | | New | New | | New Optional | |
| | Wired remote (Optional) | | | | | Optional | |
|  2x2 Cassette | Wireless remote | | | | | Optional | |
| | Wired remote (Optional) | | | New | | New Optional | |
|  Wall | Wireless remote | New 25/35 50/60/71 | New New 25/35 | New | | Optional | |
| | Wired remote (Optional) | New 25/35 50/60/71 | New | New | | Optional | |

## OUTDOOR UNIT

4MKM68RVM4

4MKM80RVM4

Night quiet mode

Priority room setting

5MKM100RVM4

Night quiet mode

Priority room setting

# FUNCTIONS EXPLANATION

## Comfortable airflow

**Power-Airflow Flap**
The Power-Airflow Flap regulates the outlet aperture to an optimum shape.

**Power-Airflow Dual Flaps**
The power-airflow dual flaps can flatten out during the cooling operation to deliver cool air to the corners of a room. The flaps can direct warm air straight down to the floor during the heating operation.

**Wide-Angle Louvers**
The Wide-Angle Louvers provide wide airflow coverage for effective operation, no matter where the indoor unit is placed in the room.

**Auto-Swing (up and down)**
This function automatically moves the flaps up and down to distribute air across the room.

**3-D Airflow***
This function combines Vertical and Horizontal Auto-Swing to circulate a cloud of cool or warm air right to the corners of even a large room.
The flaps and louvers swing in turns.

**Comfort Airflow Mode**
Prevents uncomfortable drafts from blowing directly onto the body. To prevent drafts, the flap moves upward during cooling operation.

**Swing pattern selection**
Various pattern of airflow can be customize for your highly comfort.

**Auto-Swing (left and right)***
Horizontal Auto-Swing automatically moves the louvers to the left and right to fill the room with cool or warm air.

## Lifestyle Convenience

**Super Powerful Operation**
This function boosts cooling or heating performance for 20 minutes when wanting to quickly change the room temperature.

**Econo Mode**
This mode limits the maximum running current and power consumption to prevent circuit breakers from being overloaded.

**Indoor Unit On/Off Switch**
the unit can be started manually for convenience.

**Back light remote control**

**Priority room setting**
Assigns priority control and functional capacity to the unit in your specified room of choice.
The unit in the priority room is thus able to operate at a higher capacity than other units in super powerful operation.
(Selection and activation of the priority room setting is required to be set during installation)

## Remote Controller / Timers

**Weekly Timer**
Schedules air conditioning settings for each day or time of the day, and customizes your desired temperature to match your lifestyles.
(4 times per day with wireless remote
5 times per day with wired remote)

**On/Off timer automatically**
Switches the air conditioner on/off at night or in the morning.

**24-Hour On/Off Timer**
Sets the on/off timer 24 hours in advance to start/stop the operation.

**72-Hour On/Off Timer**
Sets the on/off timer 72 hours in advance to start/stop the operation.

**Off timer**
Sets the air conditioner to turn off automatically.

**Night Set Mode**
Adjusts the temperature to prevent excessive cooling or heating for a pleasant sleep.

**Daikin mobile controller (optional)**

**DIII Net (optional)**
Connection to the centralized control system is available without the need for optional adaptors.
Optional adapter detail on page 27.

## Comfort Control

**Set fan speed**
Fan speed can be set to correspond to your preferred comfort level.

**Indoor Unit Quiet Operation**
Indoor unit's operating sound pressure levels are decreased from the low-setting fan speed using the wireless remote control.

**Intelligent eye (Auto energy saving)**
Each wall-mounted indoor model is fitted with Daikin's Intelligent Eye, which is a sensor that intelligently switches the unit to an energy-saving mode (+ - 2°C) when the room is unoccupied for 20 minutes.

**Intelligent eye (Comfort)**
This function uses its infrared sensor to direct airflow either away from people.

**Intelligent eye (Focus & Comfort)**
This function uses its infrared sensor to direct airflow either toward or away from people.

**0.5 °C adjustable temperature**
Temperature can be increased or decreased by + - 0.5 °C to customize to your level of comfort.

**Auto fan speed**
The microprocessor automatically controls fan speed to adjust room temperature to the set temperature.

**Outdoor Unit Quiet Operation**
Outdoor unit's operating sound pressure levels are decreased from the rated operation sound using the wireless remote control.

**Fan only**
the microprocessor automatically controls fan speed to adjust room temperature to the set temperature.

**Night Quiet mode (Cooling)**
Outdoor unit operating sound pressure levels are automatically decreased from the rated operation sound when the outdoor temperature has dropped by 5°C from the maximum temperature recorded during the daytime.
(Initial setting is required during installation.)

## Health & Hygienic

**Titanium apatite deodorizing filter**
This filter decomposes odours and even removes bacteria and viruses, which can be achieved simply by exposing the filter to sunlight once every 6 months.

**Air filter (pre filter)**
This filter removes impurities such as dust, pollen, and cigarette fume as well as bacteria and viruses from the air.

**Wipe-Clean Flat Panel**
The flat panel is designed for easy cleaning with only one single pass of cloth across its smooth surface. The flat panel can also be easily removed for a more thorough cleaning.

**Removable drain pan**
The drain pan collects condensation from the indoor heat exchanger fins. Removable drain pans help to reduce the cleaning time and ensure a perfect finish.

**Washable grille**
The front grille can be easily removed for washing.

**Silver ION anti bacterial**
A built-in anti bacterial treatment that uses silver ion in the drain pan prevents the growth of slime, bacteria and mould that cause odors and clogging.

## Worry Free

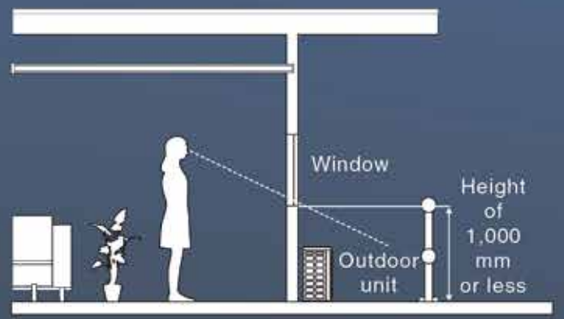
**Auto-Restart**
Automatically operates the air conditioner according to the recent setting after power failure is restored.

**Self-Diagnosis**
Multi-function codes are displayed on the wireless remote control for fast and easy maintenance.

**Drain pump included**
Steeper gradient realises more efficient condensate drainage. High-lift is especially useful for long lengths of drain piping.

# LONG PIPE LENGHT & COMPACT OUTDOOR UNIT

| | | 6.8 kW | 8.0 kW | 10.0 kW |
|---|---|---|---|---|
| Max piping length (m) | total | 60 | 70 | 80 |
| | for one room | 30 | 30 | 30 |
| Max level difference (m) | between IDU and ODU | 15 | | |
| | between IDU | 7.5 | | |




## Lowline Outdoor Units

For the interior splendor, Daikin has specifically designed all outdoor units to be less than 1,000 mm in height. Its powerful 10.0 kW outdoor unit is only 990 mm in height and can be connected to five indoor units.

# MORE DURABILTY

## Less short circulation

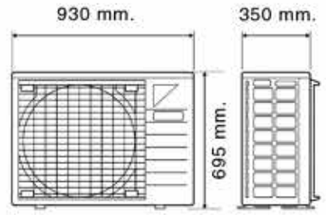
With only one outdoor unit, there will be less air short circulation and the compressor will not become overloaded, which consequently increases the product lifetime.



## Outdoor unit

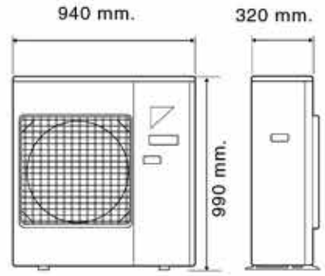
### Capacity class (kW)

6.8 and 8.0



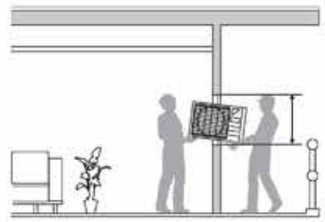

### Capacity class (kW)

10.0




## Easy Installation

The 6.8 to 8.0 class outdoor units are only 695 mm in height. This low body allows them to be passed through windows easily.



# PRODUCT SPECIFICATION: DUCT CONNECTED TYPE

## LOW STATIC PRESSURE DUCT (W=700 MM)

| COOLING CAPACITY | | | | 1 PK | 1.5 PK |
|---|---|---|---|---|---|
| Model name | | Cooling only | | CDXP25RVM4 | CDXP35RVM4 |
| Power supply | | | | 1φ50Hz 220-240V / 60Hz 220-230V | |
| Indoor unit | External static pressure | | Pa | 30 | |
| | Dimensions HxWxD (Package dimensions) | | mm | 200x700x620 (274x906x751) | |
| | Weight (Gross) | | kg | 21 (26) | |
| | Airflow rate : H | Cooling | m³/min. | 8.7 | |
| | Operation sound H/M/L/SL | Cooling | dBA | 35/33/31/29 | |
| | Sound power : H | Cooling | dBA | 49 | |
| Piping connection | | Liquid / Gas | mm | ø 6.4 /ø 9.5 | |



SPECIFICATION

## LOW STATIC PRESSURE DUCT (W=900 MM)



| COOLING CAPACITY | | | | 1 PK | 1.5 PK | 2 PK |
|---|---|---|---|---|---|---|
| Model name | | Cooling only | | CDXM25RVM4 | CDXM35RVM4 | CDXM50RVM4 |
| Power supply | | | | 1φ50Hz 220-240V / 60Hz 220-230V | | |
| Indoor unit | External static pressure | | Pa | 40 | | |
| | Dimensions HxWxD (Package dimensions) | | mm | 200x900x620 (266x1106x751) | | |
| | Weight (Gross) | | kg | 25 (29) | | 27 (31) |
| | Airflow rate : H | Cooling | m³/min. | 9.5 | 10.0 | 12.0 |
| | Operation sound H/M/L/SL | Cooling | dBA | 35/33/31/29 | | 37/35/33/31 |
| | Sound power : H | Cooling | dBA | 49 | | 51 |
| Piping connection | | Liquid / Gas | mm | ø 6.4 /ø 9.5 | | ø 6.4 /ø 12.7 |

## LOW STATIC PRESSURE DUCT (W=1100 MM)

| COOLING CAPACITY | | | | 2.5 PK | 3 PK |
|---|---|---|---|---|---|
| Model name | | Cooling & Heating / Cooling only | | CDXM60RVM4 | CDXM71RVM4 |
| Power supply | | | | 1φ50Hz 220-240V / 60Hz 220-230V | |
| Indoor unit | External static pressure | | Pa | 40 | |
| | Dimensions HxWxD (Package dimensions) | | mm | 200x1100x620 (266x1306x751) | |
| | Weight (Gross) | | kg | 30 (35) | |
| | Airflow rate : H | Cooling | m³/min. | 16.0 | |
| | Operation sound H/M/L/SL | Cooling | dBA | 38/36/34/32 | |
| | Sound power : H | Cooling | dBA | 52 | |
| Piping connection | | Liquid / Gas | mm | ø 6.4 /ø 12.7 | ø 6.4 /ø 15.9 |

## PRODUCT SPECIFICATION: DUCT CONNECTED TYPE

| COOLING CAPACITY | | | | | 2 PK | 2.5 PK | 2 PK |
|---|---|---|---|---|---|---|---|
| Model name | | | Cooling only | | FMA50RVM4 | FMA60RVM4 | FMA71RVM4 |
| Power supply | | | | | 1φ 50Hz 220-240V / 60Hz 220-230V | | |
| MIDDLE STATIC PRESSURE DUCT (W=1000 MM) | Indoor unit | External static pressure | | Pa | 50 (50 - 150) : Changeable in 11 stages by remote controller | | |
| | | Dimensions HxWxD (Package dimensions) | | mm | 245x1000x800 (886x1199x293) | | |
| | | Weight (Gross) | | kg | 37 (40) | | |
| | | Airflow rate : H | Cooling | m³/min. | 18.0 | | 23.0 |
| | | Operation sound H/M/L | Cooling | dBA | 35/33/31 | | 38/35/33 |
| | | Sound power : H | Cooling | dBA | 49 | | 52 |
| Piping connection | | | Liquid / Gas | mm | ø 6.4 /ø 12.7 | | ø 6.4 /ø 15.9 |







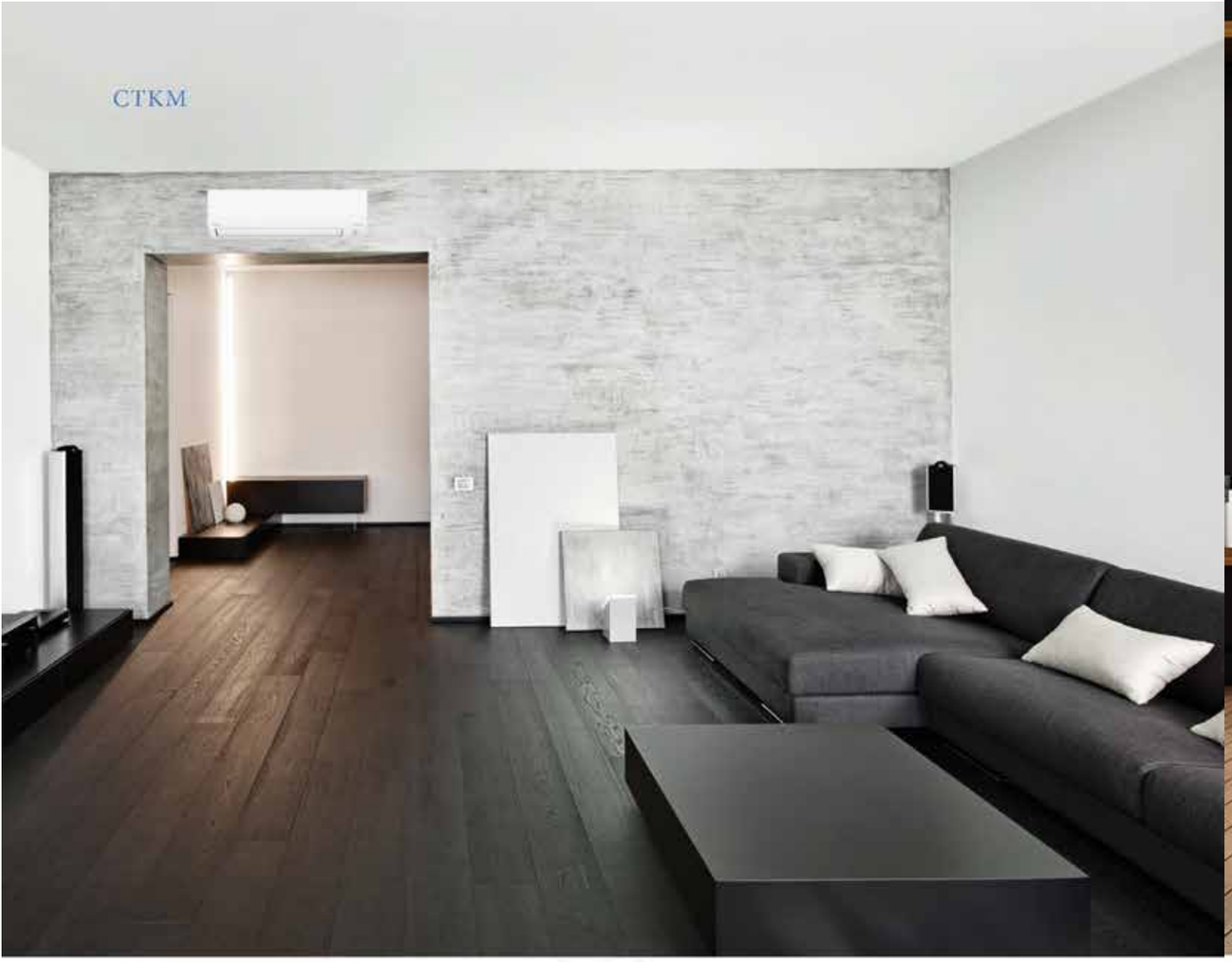
SPECIFICATION

## PRODUCT SPECIFICATION: CEILING MOUNTED CASSETTE TYPE

| COOLING CAPACITY | | | | | 1 PK | 2.5 PK | 2 PK | 2.5 PK |
|---|---|---|---|---|---|---|---|---|
| Model name | | | Cooling only | | FFA25RV14 | FFA35RV14 | FFA50RV14 | FFA60RV14 |
| Power supply | | | | | 1φ 50Hz 220-240V | | | |
| 2X2 CASSETTE | Indoor unit | Dimensions HxWxD (Package dimensions) | | mm | 260 (286 ※4)x575x575 (370x687x674) | | | |
| | | Weight (Gross) | | kg | 17.5 (20) | | | |
| | | Airflow rate : H | Cooling | m³/min. | 9.0 | 10.0 | 12.0 | 15.0 |
| | | Operation sound H/L | Cooling | dBA | 33/27 | 36/29 | 38/30 | 42/34 |
| | | Sound power : H | Cooling | dBA | 46 | 49 | 51 | 55 |
| Piping connection | | | Liquid / Gas | mm | ø 6.4 /ø 9.5 | | ø 6.4 /ø 12.7 | |

| DECORATION PANEL - STANDARD PANEL (GRILLED) | | |
|---|---|---|
| Model name | | BYFQ60B3W1 |
| Color | | WHITE |
| Dimensions HxWxD (Package dimensions) | mm | 55x700x700 (85x750x745) |
| Weight (Gross) | kg | 2.7 (4.5) |

※4 Include control box



CTKM



## PRODUCT SPECIFICATION: **WALL MOUNTED TYPE**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| COOLING CAPACITY | | | | | 1 PK | 1.5 PK | 2 PK | |
| Model name | | | Cooling only | | CTKM25RVM4 | CTKM35RVM4 | CTKM50RVM4 | |
| Power supply | | | | | 1φ 50Hz 220-240V / 60Hz 220-230V | | | |
| CTKM | Indoor unit | Panel color | | | White | | | |
| | | Dimensions HxWxD (Package dimensions) | | mm | 285x770x223 (320x830x360) | | 295x990x263 (386x1102x389) | |
| | | Weight (Gross) | Cooling | kg | 8 (10) | | 13 (16) | |
| | | Airflow rate: H | Cooling | m3/min. CTXM | 10.4 | 11.3 | 16.9 | |
| | | | | m3/min. CTKM | 10.7 | 11.7 | 16.9 | |
| | | Operation sound H/M/L/SL | Cooling | dBA | 40/32/25/19 | 42/34/26/19 | 45/40/35/28 | |
| | | Sound power: H | Cooling | dBA | 54 | 56 | 59 | |
| Piping connection | | | Liquid / Gas | mm | ø 6.4 /ø 9.5 | | ø 6.4 /ø 12.7 | |

| | | | | | |
|---|---|---|---|---|---|
| COOLING CAPACITY | | | | | 2.5 PK |
| Model name | | | Cooling only | | CTKM60RVM4 |
| Power supply | | | | | 1φ 50Hz 220-240V / 60Hz 220-230V |
| CTKM | Indoor unit | Panel color | | | White |
| | | Dimensions HxWxD (Package dimensions) | | mm | 295x990x263 (386x1102x389) |
| | | Weight (Gross) | | kg | 13 (16) |
| | | Airflow rate: H | Cooling | m³/min. | 19.5 |
| | | Operation sound H/M/L/SL | Cooling | dBA | 48/42/36/29 |
| | | Sound power : H | Cooling | dBA | 62 |
| Piping connection | | | Liquid / Gas | mm | ø 6.4 /ø 12.7 |

# PRODUCT SPECIFICATION: **OUTDOOR UNIT**

COOLING ONLY OUTDOOR UNIT

| COOLING CAPACITY | | | 2.7 PK | 3.2 PK | 4 PK |
|---|---|---|---|---|---|
| Model name | | Cooling only | 4MKM68RVM4 | 4MKM80RVM4 | 5MKM100RVM4 |
| Power supply | | | 1φ 50Hz 220-240V / 60Hz 220-230V | | |
| Cooling | Capacity Rated (min_max) | kW | 6.8 (1.6_9.4) | 8.0 (1.6_10.2) | 10.0 (2.0_13.0) |
| | Rated EER | W/W | 4.07 | 3.90 | 3.91 |
| | AEER | W/W | 3.73 | 3.63 | 3.68 |
| Outdoor unit | Dimensions (HxWxD) (Package dimensions) | mm | 695x930x350 (762x1004x475) | 695x930x350 (762x1004x475) | 990x940x320 (1114x1003x425) |
| | Weight (Gross) | kg | 49 (54) | 52 (55) | 79 (87) |
| | Sound level : H / L | dBA | 47 / 44 | 48 / 45 | 48 / 46 |
| | Sound Power : H | dBA | 59 | 60 | 60 |
| | Number of port | | 4 | 4 | 5 |
| | Max connectable Indoor unit capacity | | 11.0 kW | 14.5 kW | 15.6 kW |
| Refrigerant (initial amount) | | | R32 (1.80kg) | R32 (1.80kg) | R32 (2.65kg) |
| | Amount of additional refrigerant (g/m) | | Charge-less | | |
| Piping length | Max length (total / each room) | m | 60 / 30 | 70 / 30 | 80 / 30 |
| | Max height | m | Indoor unit to outdoor unit : 15<br>Indoor unit to indoor unit : 7.5 | | |
| Connected piping | Liquid | mm | ø 6.4 x 4 | ø 6.4 x 4 | ø 6.4 x 5 |
| | Gas | mm | ø 9.5 x 2<br>ø 12.7 x 2 | ø 9.5 x 1<br>ø 12.7 x 1<br>ø 15.9 x 2 | ø 9.5 x 2<br>ø 12.7 x 1<br>ø 15.9 x 2 |
| Operating range | | °CDB | 10 - 46 | | |



## COMBINATION CAPACITY:

## 4MKM68RVM4

### COOLING [50 HZ, 220 V]

| Combinations Of indoor units | Capaity of eab indoor unit (kW) | | | | Total a paicity (kW) Rated (min-Max) | | Total power consumption (kW) Rated (min-Max) | | Total a rrent (A) Rated (min-Max) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Room A | Room B | Room C | Room D | | | | | | | |
| 2.5 | 2.50 | --- | --- | --- | 2.50 | 0.80 ~ 3.91 | 0.58 | 0.22 ~ 1.11 | 2.7 | 1.1 ~ 5.1 | 99 |
| 3.5 | 3.50 | --- | --- | --- | 3.50 | 0.80 ~ 5.09 | 0.91 | 0.22 ~ 1.56 | 4.2 | 1.1 ~ 7.2 | 99 |
| 5.0 | 5.00 | --- | --- | --- | 5.00 | 0.80 ~ 6.49 | 1.19 | 0.21 ~ 2.39 | 5.5 | 1.0 ~ 11.0 | 99 |
| 6.0 | 6.00 | --- | --- | --- | 6.00 | 0.80 ~ 7.21 | 1.53 | 0.20 ~ 2.81 | 7.0 | 1.0 ~ 13.0 | 99 |
| 2.5+2.5 | 2.50 | 2.50 | --- | --- | 5.00 | 1.00 ~ 6.65 | 1.26 | 0.21 ~ 2.32 | 5.8 | 1.0 ~ 10.7 | 99 |
| 2.5+3.5 | 2.50 | 3.50 | --- | --- | 6.00 | 1.00 ~ 6.89 | 1.70 | 0.21 ~ 2.75 | 7.8 | 1.0 ~ 12.7 | 99 |
| 2.5+5.0 | 2.27 | 4.53 | --- | --- | 6.80 | 1.00 ~ 7.99 | 1.64 | 0.20 ~ 2.99 | 7.5 | 1.0 ~ 13.8 | 99 |
| 2.5+6.0 | 2.00 | 4.80 | --- | --- | 6.80 | 1.00 ~ 8.12 | 1.57 | 0.20 ~ 2.97 | 7.2 | 1.0 ~ 13.7 | 99 |
| 3.5+3.5 | 3.40 | 3.40 | --- | --- | 6.80 | 1.00 ~ 6.95 | 2.28 | 0.21 ~ 3.05 | 10.5 | 1.0 ~ 14.1 | 99 |
| 3.5+5.0 | 2.80 | 4.00 | --- | --- | 6.80 | 1.00 ~ 8.23 | 1.64 | 0.20 ~ 2.99 | 7.5 | 1.0 ~ 13.8 | 99 |
| 3.5+6.0 | 2.51 | 4.29 | --- | --- | 6.80 | 1.00 ~ 8.26 | 1.57 | 0.20 ~ 3.01 | 7.2 | 1.0 ~ 13.9 | 99 |
| 5.0+5.0 | 3.40 | 3.40 | --- | --- | 6.80 | 1.00 ~ 8.52 | 1.36 | 0.19 ~ 3.12 | 6.2 | 0.9 ~ 14.4 | 99 |
| 5.0+6.0 | 3.09 | 3.71 | --- | --- | 6.80 | 1.00 ~ 8.66 | 1.33 | 0.18 ~ 3.07 | 6.1 | 0.9 ~ 14.1 | 99 |
| 2.5+2.5+2.5 | 2.27 | 2.27 | 2.27 | --- | 6.80 | 1.20 ~ 8.15 | 1.53 | 0.22 ~ 2.94 | 7.0 | 1.1 ~ 13.5 | 99 |
| 2.5+2.5+3.5 | 2.00 | 2.00 | 2.80 | --- | 6.80 | 1.20 ~ 8.16 | 1.50 | 0.22 ~ 2.93 | 6.9 | 1.1 ~ 13.5 | 99 |
| 2.5+2.5+5.0 | 1.70 | 1.70 | 3.40 | --- | 6.80 | 1.20 ~ 9.12 | 1.42 | 0.21 ~ 2.91 | 6.5 | 1.0 ~ 13.4 | 99 |
| 2.5+2.5+6.0 | 1.55 | 1.55 | 3.71 | --- | 6.80 | 1.20 ~ 9.29 | 1.35 | 0.21 ~ 2.90 | 6.2 | 1.0 ~ 13.4 | 99 |
| 2.5+3.5+3.5 | 1.79 | 2.51 | 2.51 | --- | 6.80 | 1.20 ~ 8.36 | 1.46 | 0.22 ~ 2.97 | 6.7 | 1.1 ~ 13.7 | 99 |
| 2.5+3.5+5.0 | 1.55 | 2.16 | 3.09 | --- | 6.80 | 1.20 ~ 9.30 | 1.39 | 0.21 ~ 2.91 | 6.4 | 1.0 ~ 13.4 | 99 |
| 3.5+3.5+3.5 | 2.27 | 2.27 | 2.27 | --- | 6.80 | 1.20 ~ 8.40 | 1.46 | 0.22 ~ 3.02 | 6.7 | 1.1 ~ 13.9 | 99 |
| 2.5+2.5+2.5+2.5 | 1.70 | 1.70 | 1.70 | 1.70 | 6.80 | 1.60 ~ 9.40 | 1.67 | 0.30 ~ 2.97 | 7.6 | 1.4 ~ 13.7 | 99 |
| 2.5+2.5+2.5+3.5 | 1.55 | 1.55 | 1.55 | 2.16 | 6.80 | 1.60 ~ 9.40 | 1.67 | 0.30 ~ 2.97 | 7.7 | 1.4 ~ 13.7 | 99 |

3D111181

Notes:
1. Cooling capacity is based on 27 °CDB / 19 °CWB (Indoor temperature), 35 °CDB (Outdoor temperature).
2. The total ability of connected indoor units is up to 11.0 kW.
3. It is impossible to connect only one indoor unit.
4. Capacities are based on the following conditions.
   Corresponding refrigerant piping length: 5 m
   Level differnce: 0 m

## 4MKM80RVM4

COOLING [50 HZ, 220 V]

| Combinations Of indoor units | Capaity of eab indoor unit (kW) | | | | Total a paicity (kW) Rated (min-Max) | | Total power consumption (kW) Rated (min-Max) | | Total a rrent (A) Rated (min-Max) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Room A | Room B | Room C | Room D | | | | | | | |
| 2.5 | 2.50 | --- | --- | --- | 2.50 | 0.80 ~ 3.93 | 0.58 | 0.22 ~ 1.09 | 2.7 | 1.1 ~ 5.1 | 99 |
| 3.5 | 3.50 | --- | --- | --- | 3.50 | 0.80 ~ 5.10 | 0.90 | 0.22 ~ 1.44 | 4.1 | 1.1 ~ 6.7 | 99 |
| 5.0 | 5.00 | --- | --- | --- | 5.00 | 0.80 ~ 6.98 | 1.17 | 0.21 ~ 2.28 | 5.4 | 1.0 ~ 10.5 | 99 |
| 6.0 | 6.00 | --- | --- | --- | 6.00 | 0.80 ~ 7.57 | 1.46 | 0.21 ~ 2.51 | 6.7 | 1.0 ~ 11.6 | 99 |
| 7.1 | 7.10 | --- | --- | --- | 7.10 | 0.80 ~ 8.03 | 1.96 | 0.20 ~ 3.05 | 9.0 | 1.0 ~ 14.1 | 99 |
| 2.5+2.5 | 2.50 | 2.50 | --- | --- | 5.00 | 1.00 ~ 6.93 | 1.23 | 0.21 ~ 2.28 | 5.6 | 1.0 ~ 10.5 | 99 |
| 2.5+3.5 | 2.50 | 3.50 | --- | --- | 6.00 | 1.00 ~ 7.24 | 1.58 | 0.21 ~ 2.54 | 7.3 | 1.0 ~ 11.7 | 99 |
| 2.5+5.0 | 2.50 | 5.00 | --- | --- | 7.50 | 1.00 ~ 8.54 | 1.93 | 0.20 ~ 3.01 | 8.9 | 1.0 ~ 13.9 | 99 |
| 2.5+6.0 | 2.35 | 5.65 | --- | --- | 8.00 | 1.00 ~ 8.75 | 2.04 | 0.20 ~ 3.00 | 9.4 | 1.0 ~ 13.8 | 99 |
| 2.5+7.1 | 2.08 | 5.92 | --- | --- | 8.00 | 1.00 ~ 8.75 | 2.04 | 0.20 ~ 3.00 | 9.4 | 1.0 ~ 13.8 | 99 |
| 3.5+3.5 | 3.50 | 3.50 | --- | --- | 7.00 | 1.00 ~ 8.08 | 2.10 | 0.21 ~ 3.09 | 9.6 | 1.0 ~ 14.2 | 99 |
| 3.5+5.0 | 3.29 | 4.71 | --- | --- | 8.00 | 1.00 ~ 8.74 | 2.17 | 0.20 ~ 3.01 | 10.0 | 1.0 ~ 13.9 | 99 |
| 3.5+6.0 | 2.95 | 5.05 | --- | --- | 8.00 | 1.00 ~ 8.76 | 2.04 | 0.20 ~ 3.00 | 9.4 | 1.0 ~ 13.8 | 99 |
| 3.5+7.1 | 2.64 | 5.36 | --- | --- | 8.00 | 1.00 ~ 8.76 | 2.04 | 0.20 ~ 3.00 | 9.4 | 1.0 ~ 13.8 | 99 |
| 5.0+5.0 | 4.00 | 4.00 | --- | --- | 8.00 | 1.00 ~ 9.56 | 1.92 | 0.18 ~ 2.99 | 8.8 | 0.9 ~ 13.8 | 99 |
| 5.0+6.0 | 3.64 | 4.36 | --- | --- | 8.00 | 1.00 ~ 9.68 | 1.87 | 0.18 ~ 3.00 | 8.6 | 0.9 ~ 13.8 | 99 |
| 5.0+7.1 | 3.31 | 4.69 | --- | --- | 8.00 | 1.00 ~ 9.68 | 1.87 | 0.18 ~ 3.00 | 8.6 | 0.9 ~ 13.8 | 99 |
| 6.0+6.0 | 4.00 | 4.00 | --- | --- | 8.00 | 1.00 ~ 9.77 | 1.83 | 0.18 ~ 3.01 | 8.4 | 0.9 ~ 13.9 | 99 |
| 6.0+7.1 | 3.66 | 4.34 | --- | --- | 8.00 | 1.00 ~ 9.77 | 1.83 | 0.18 ~ 3.01 | 8.4 | 0.9 ~ 13.9 | 99 |
| 7.1+7.1 | 4.00 | 4.00 | --- | --- | 8.00 | 1.00 ~ 9.77 | 1.83 | 0.18 ~ 3.01 | 8.4 | 0.9 ~ 13.9 | 99 |
| 2.5+2.5+2.5 | 2.50 | 2.50 | 2.50 | --- | 7.50 | 1.20 ~ 8.93 | 1.94 | 0.22 ~ 3.02 | 8.9 | 1.1 ~ 13.9 | 99 |
| 2.5+2.5+3.5 | 2.35 | 2.35 | 3.29 | --- | 8.00 | 1.20 ~ 9.12 | 2.23 | 0.22 ~ 3.02 | 10.2 | 1.1 ~ 13.9 | 99 |
| 2.5+2.5+5.0 | 2.00 | 2.00 | 4.00 | --- | 8.00 | 1.20 ~ 9.54 | 1.92 | 0.21 ~ 2.99 | 8.8 | 1.0 ~ 13.8 | 99 |
| 2.5+2.5+6.0 | 1.82 | 1.82 | 4.36 | --- | 8.00 | 1.20 ~ 9.66 | 1.87 | 0.21 ~ 3.00 | 8.6 | 1.0 ~ 13.8 | 99 |
| 2.5+2.5+7.1 | 1.65 | 1.65 | 4.69 | --- | 8.00 | 1.20 ~ 10.05 | 1.87 | 0.21 ~ 3.00 | 8.6 | 1.0 ~ 13.8 | 99 |
| 2.5+3.5+3.5 | 2.11 | 2.95 | 2.95 | --- | 8.00 | 1.20 ~ 9.31 | 2.23 | 0.22 ~ 3.01 | 10.2 | 1.1 ~ 13.9 | 99 |
| 2.5+3.5+5.0 | 1.82 | 2.55 | 3.64 | --- | 8.00 | 1.20 ~ 9.74 | 1.92 | 0.21 ~ 2.99 | 8.8 | 1.0 ~ 13.8 | 99 |
| 2.5+3.5+6.0 | 1.67 | 2.33 | 4.00 | --- | 8.00 | 1.20 ~ 10.06 | 1.87 | 0.21 ~ 3.00 | 8.6 | 1.0 ~ 13.8 | 99 |
| 2.5+3.5+7.1 | 1.53 | 2.14 | 4.34 | --- | 8.00 | 1.20 ~ 10.06 | 1.87 | 0.21 ~ 3.00 | 8.6 | 1.0 ~ 13.8 | 99 |
| 2.5+5.0+5.0 | 1.60 | 3.20 | 3.20 | --- | 8.00 | 1.20 ~ 10.22 | 1.84 | 0.20 ~ 3.02 | 8.4 | 1.0 ~ 13.9 | 99 |
| 2.5+5.0+6.0 | 1.48 | 2.96 | 3.56 | --- | 8.00 | 1.20 ~ 10.24 | 1.85 | 0.20 ~ 3.04 | 8.5 | 1.0 ~ 14.0 | 99 |
| 2.5+6.0+6.0 | 1.38 | 3.31 | 3.31 | --- | 8.00 | 1.20 ~ 10.30 | 1.85 | 0.20 ~ 3.07 | 8.5 | 1.0 ~ 14.1 | 99 |
| 3.5+3.5+3.5 | 2.67 | 2.67 | 2.67 | --- | 8.00 | 1.20 ~ 9.32 | 2.17 | 0.22 ~ 3.01 | 10.0 | 1.1 ~ 13.9 | 99 |
| 3.5+3.5+5.0 | 2.33 | 2.33 | 3.33 | --- | 8.00 | 1.20 ~ 9.94 | 1.92 | 0.21 ~ 2.99 | 8.8 | 1.0 ~ 13.8 | 99 |
| 3.5+3.5+6.0 | 2.15 | 2.15 | 3.69 | --- | 8.00 | 1.20 ~ 10.06 | 1.87 | 0.21 ~ 3.00 | 8.6 | 1.0 ~ 13.8 | 99 |
| 3.5+3.5+7.1 | 1.99 | 1.99 | 4.03 | --- | 8.00 | 1.20 ~ 10.06 | 1.87 | 0.21 ~ 3.00 | 8.6 | 1.0 ~ 13.8 | 99 |
| 3.5+5.0+5.0 | 2.07 | 2.96 | 2.96 | --- | 8.00 | 1.20 ~ 10.22 | 1.84 | 0.20 ~ 3.02 | 8.4 | 1.0 ~ 13.9 | 99 |
| 3.5+5.0+6.0 | 1.93 | 2.76 | 3.31 | --- | 8.00 | 1.20 ~ 10.24 | 1.84 | 0.20 ~ 3.04 | 8.4 | 1.0 ~ 14.0 | 99 |
| 2.5+2.5+2.5+2.5 | 2.00 | 2.00 | 2.00 | 2.00 | 8.00 | 1.60 ~ 9.90 | 2.09 | 0.28 ~ 3.11 | 9.6 | 1.3 ~ 14.3 | 99 |
| 2.5+2.5+2.5+3.5 | 1.82 | 1.82 | 1.82 | 2.55 | 8.00 | 1.60 ~ 9.90 | 2.09 | 0.28 ~ 3.11 | 9.6 | 1.3 ~ 14.3 | 99 |
| 2.5+2.5+2.5+5.0 | 1.60 | 1.60 | 1.60 | 3.20 | 8.00 | 1.60 ~ 10.20 | 2.05 | 0.27 ~ 3.14 | 9.4 | 1.3 ~ 14.5 | 99 |
| 2.5+2.5+2.5+6.0 | 1.48 | 1.48 | 1.48 | 3.56 | 8.00 | 1.60 ~ 10.24 | 2.01 | 0.27 ~ 3.16 | 9.2 | 1.3 ~ 14.6 | 99 |
| 2.5+2.5+3.5+3.5 | 1.67 | 1.67 | 2.33 | 2.33 | 8.00 | 1.60 ~ 9.91 | 2.09 | 0.28 ~ 3.11 | 9.6 | 1.3 ~ 14.3 | 99 |
| 2.5+2.5+3.5+5.0 | 1.48 | 1.48 | 2.07 | 2.96 | 8.00 | 1.60 ~ 10.21 | 1.99 | 0.27 ~ 3.14 | 9.1 | 1.3 ~ 14.5 | 99 |
| 2.5+2.5+3.5+6.0 | 1.38 | 1.38 | 1.93 | 3.31 | 8.00 | 1.60 ~ 10.24 | 2.01 | 0.27 ~ 3.16 | 9.2 | 1.3 ~ 14.6 | 99 |
| 2.5+3.5+3.5+3.5 | 1.54 | 2.15 | 2.15 | 2.15 | 8.00 | 1.60 ~ 9.92 | 2.09 | 0.28 ~ 3.11 | 9.6 | 1.3 ~ 14.3 | 99 |
| 2.5+3.5+3.5+5.0 | 1.38 | 1.93 | 1.93 | 2.76 | 8.00 | 1.60 ~ 10.21 | 1.99 | 0.27 ~ 3.14 | 9.1 | 1.3 ~ 14.5 | 99 |
| 3.5+3.5+3.5+3.5 | 2.00 | 2.00 | 2.00 | 2.00 | 8.00 | 1.60 ~ 9.92 | 2.09 | 0.28 ~ 3.11 | 9.6 | 1.3 ~ 14.3 | 99 |

Notes:
1. Cooling capacity in 270 CDB / 190 CWB (Indoor temperature), 350 CDB (Outdoor temperature).
2. The total ability of connected indoor units is up to 14.5 kW.
3. It is impossible to connect only one indoor unit.
4. Capacities are based on the following contions.
   Corresponding refrigerant piping length : 5 m
   Level difference: 0 m

## 5MKM100RVMV

COOLING [50 HZ, 220 V]

| Combinations Of indoor units | Capaity of eab indoor unit (kW) | | | | | Total a paicity (kW) Rated (min-Max) | | Total power consumption (kW) Rated (min-Max) | | Total a rrent (A) Rated (min-Max) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Room A | Room B | Room C | Room D | Room E | | | | | | | |
| 2.5 | 2.50 | --- | --- | --- | --- | 2.50 | 0.80 ~ 3.94 | 0.60 | 0.19 ~ 1.05 | 2.8 | 0.9 ~ 4.9 | 99 |
| 3.5 | 3.50 | --- | --- | --- | --- | 3.50 | 0.80 ~ 5.11 | 0.94 | 0.19 ~ 1.24 | 4.3 | 0.9 ~ 5.7 | 99 |
| 5.0 | 5.00 | --- | --- | --- | --- | 5.00 | 0.80 ~ 6.98 | 1.36 | 0.18 ~ 2.10 | 6.2 | 0.9 ~ 9.7 | 99 |
| 6.0 | 6.00 | --- | --- | --- | --- | 6.00 | 0.80 ~ 7.61 | 1.68 | 0.18 ~ 2.49 | 7.7 | 0.9 ~ 11.5 | 99 |
| 7.1 | 7.10 | --- | --- | --- | --- | 7.10 | 0.80 ~ 8.10 | 2.22 | 0.18 ~ 2.96 | 10.2 | 0.9 ~ 13.6 | 99 |
| 2.5+2.5 | 2.50 | 2.50 | --- | --- | --- | 5.00 | 1.00 ~ 6.50 | 1.36 | 0.21 ~ 2.48 | 6.2 | 1.0 ~ 11.4 | 99 |
| 2.5+3.5 | 2.50 | 3.50 | --- | --- | --- | 6.00 | 1.00 ~ 7.52 | 1.79 | 0.21 ~ 2.48 | 8.2 | 1.0 ~ 11.4 | 99 |
| 2.5+5.0 | 2.50 | 5.00 | --- | --- | --- | 7.50 | 1.00 ~ 9.75 | 2.17 | 0.22 ~ 3.88 | 10.0 | 1.1 ~ 17.9 | 99 |
| 2.5+6.0 | 2.50 | 6.00 | --- | --- | --- | 8.50 | 1.00 ~ 10.02 | 2.57 | 0.22 ~ 3.89 | 11.8 | 1.1 ~ 17.9 | 99 |
| 2.5+7.1 | 2.50 | 7.10 | --- | --- | --- | 9.60 | 1.00 ~ 10.41 | 3.24 | 0.22 ~ 3.86 | 14.9 | 1.1 ~ 17.8 | 99 |
| 3.5+3.5 | 3.50 | 3.50 | --- | --- | --- | 7.00 | 1.00 ~ 8.24 | 2.35 | 0.21 ~ 3.83 | 10.8 | 1.0 ~ 17.6 | 99 |
| 3.5+5.0 | 3.50 | 5.00 | --- | --- | --- | 8.50 | 1.00 ~ 9.85 | 2.71 | 0.22 ~ 3.88 | 12.4 | 1.1 ~ 17.9 | 99 |
| 3.5+6.0 | 3.50 | 6.00 | --- | --- | --- | 9.50 | 1.00 ~ 10.42 | 3.16 | 0.22 ~ 3.86 | 14.5 | 1.1 ~ 17.8 | 99 |
| 3.5+7.1 | 3.30 | 6.70 | --- | --- | --- | 10.00 | 1.00 ~ 10.42 | 3.56 | 0.22 ~ 3.86 | 16.3 | 1.1 ~ 17.8 | 99 |
| 5.0+5.0 | 5.00 | 5.00 | --- | --- | --- | 10.00 | 1.00 ~ 10.92 | 3.17 | 0.21 ~ 3.88 | 14.6 | 1.0 ~ 17.9 | 99 |
| 5.0+6.0 | 4.55 | 5.45 | --- | --- | --- | 10.00 | 1.00 ~ 11.12 | 3.02 | 0.21 ~ 3.88 | 13.9 | 1.0 ~ 17.9 | 99 |
| 5.0+7.1 | 4.13 | 5.87 | --- | --- | --- | 10.00 | 1.00 ~ 11.12 | 3.02 | 0.21 ~ 3.88 | 13.9 | 1.0 ~ 17.9 | 99 |
| 6.0+6.0 | 5.00 | 5.00 | --- | --- | --- | 10.00 | 1.00 ~ 11.30 | 2.87 | 0.21 ~ 3.89 | 13.2 | 1.0 ~ 17.9 | 99 |
| 6.0+7.1 | 4.58 | 5.42 | --- | --- | --- | 10.00 | 1.00 ~ 11.30 | 2.87 | 0.21 ~ 3.89 | 13.2 | 1.0 ~ 17.9 | 99 |
| 7.1+7.1 | 5.00 | 5.00 | --- | --- | --- | 10.00 | 1.00 ~ 11.62 | 2.87 | 0.21 ~ 3.89 | 13.2 | 1.0 ~ 17.9 | 99 |
| 2.5+2.5+2.5 | 2.50 | 2.50 | 2.50 | --- | --- | 7.50 | 1.20 ~ 10.18 | 2.23 | 0.26 ~ 3.88 | 10.2 | 1.2 ~ 17.9 | 99 |
| 2.5+2.5+3.5 | 2.50 | 2.50 | 3.50 | --- | --- | 8.50 | 1.20 ~ 10.19 | 2.78 | 0.26 ~ 3.88 | 12.8 | 1.2 ~ 17.9 | 99 |
| 2.5+2.5+5.0 | 2.50 | 2.50 | 5.00 | --- | --- | 10.00 | 1.20 ~ 11.74 | 3.17 | 0.25 ~ 3.88 | 14.6 | 1.2 ~ 17.9 | 99 |
| 2.5+2.5+6.0 | 2.27 | 2.27 | 5.45 | --- | --- | 10.00 | 1.20 ~ 11.96 | 3.02 | 0.25 ~ 3.88 | 13.9 | 1.2 ~ 17.9 | 99 |
| 2.5+2.5+7.1 | 2.07 | 2.07 | 5.87 | --- | --- | 10.00 | 1.20 ~ 11.96 | 3.02 | 0.25 ~ 3.88 | 13.9 | 1.2 ~ 17.9 | 99 |
| 2.5+3.5+3.5 | 2.50 | 3.50 | 3.50 | --- | --- | 9.50 | 1.20 ~ 10.70 | 3.38 | 0.26 ~ 3.85 | 15.5 | 1.2 ~ 17.7 | 99 |
| 2.5+3.5+5.0 | 2.27 | 3.18 | 4.55 | --- | --- | 10.00 | 1.20 ~ 11.93 | 3.17 | 0.25 ~ 3.88 | 14.6 | 1.2 ~ 17.9 | 99 |
| 2.5+3.5+6.0 | 2.08 | 2.92 | 5.00 | --- | --- | 10.00 | 1.20 ~ 12.09 | 3.02 | 0.25 ~ 3.88 | 13.9 | 1.2 ~ 17.9 | 99 |
| 2.5+3.5+7.1 | 1.91 | 2.67 | 5.42 | --- | --- | 10.00 | 1.20 ~ 12.16 | 3.02 | 0.25 ~ 3.88 | 13.9 | 1.2 ~ 17.9 | 99 |
| 2.5+5.0+5.0 | 2.00 | 4.00 | 4.00 | --- | --- | 10.00 | 1.20 ~ 12.56 | 2.72 | 0.24 ~ 3.89 | 12.5 | 1.2 ~ 17.9 | 99 |
| 2.5+5.0+6.0 | 1.85 | 3.70 | 4.44 | --- | --- | 10.00 | 1.20 ~ 12.71 | 2.65 | 0.23 ~ 3.88 | 12.2 | 1.1 ~ 17.9 | 99 |
| 2.5+5.0+7.1 | 1.71 | 3.42 | 4.86 | --- | --- | 10.00 | 1.20 ~ 12.71 | 2.65 | 0.23 ~ 3.88 | 12.2 | 1.1 ~ 17.9 | 99 |
| 2.5+6.0+6.0 | 1.72 | 4.14 | 4.14 | --- | --- | 10.00 | 1.20 ~ 12.84 | 2.51 | 0.23 ~ 3.88 | 11.5 | 1.1 ~ 17.9 | 99 |
| 2.5+6.0+7.1 | 1.60 | 3.85 | 4.55 | --- | --- | 10.00 | 1.20 ~ 12.84 | 2.51 | 0.23 ~ 3.88 | 11.5 | 1.1 ~ 17.9 | 99 |
| 3.5+3.5+3.5 | 3.33 | 3.33 | 3.33 | --- | --- | 10.00 | 1.20 ~ 10.72 | 3.71 | 0.26 ~ 3.88 | 17.0 | 1.2 ~ 17.9 | 99 |
| 3.5+3.5+5.0 | 2.92 | 2.92 | 4.17 | --- | --- | 10.00 | 1.20 ~ 11.94 | 3.17 | 0.25 ~ 3.88 | 14.6 | 1.2 ~ 17.9 | 99 |
| 3.5+3.5+6.0 | 2.69 | 2.69 | 4.62 | --- | --- | 10.00 | 1.20 ~ 12.17 | 3.02 | 0.25 ~ 3.88 | 13.9 | 1.2 ~ 17.9 | 99 |
| 3.5+3.5+7.1 | 2.48 | 2.48 | 5.04 | --- | --- | 10.00 | 1.20 ~ 12.17 | 3.02 | 0.25 ~ 3.88 | 13.9 | 1.2 ~ 17.9 | 99 |
| 3.5+5.0+5.0 | 2.59 | 3.70 | 3.70 | --- | --- | 10.00 | 1.20 ~ 12.56 | 2.72 | 0.24 ~ 3.89 | 12.5 | 1.2 ~ 17.9 | 99 |
| 3.5+5.0+6.0 | 2.41 | 3.45 | 4.14 | --- | --- | 10.00 | 1.20 ~ 12.72 | 2.65 | 0.23 ~ 3.88 | 12.2 | 1.1 ~ 17.9 | 99 |
| 3.5+5.0+7.1 | 2.24 | 3.21 | 4.55 | --- | --- | 10.00 | 1.20 ~ 12.72 | 2.65 | 0.23 ~ 3.88 | 12.2 | 1.1 ~ 17.9 | 99 |
| 3.5+6.0+6.0 | 2.26 | 3.87 | 3.87 | --- | --- | 10.00 | 1.20 ~ 12.84 | 2.44 | 0.23 ~ 3.88 | 11.2 | 1.1 ~ 17.9 | 99 |
| 5.0+5.0+5.0 | 3.33 | 3.33 | 3.33 | --- | --- | 10.00 | 1.20 ~ 12.96 | 2.36 | 0.22 ~ 3.87 | 10.8 | 1.1 ~ 17.8 | 99 |
| 2.5+2.5+2.5+2.5 | 2.50 | 2.50 | 2.50 | 2.50 | --- | 10.00 | 1.60 ~ 11.88 | 3.25 | 0.34 ~ 3.88 | 14.9 | 1.6 ~ 17.9 | 99 |
| 2.5+2.5+2.5+3.5 | 2.27 | 2.27 | 2.27 | 3.18 | --- | 10.00 | 1.60 ~ 11.89 | 3.17 | 0.34 ~ 3.88 | 14.6 | 1.6 ~ 17.9 | 99 |
| 2.5+2.5+2.5+5.0 | 2.00 | 2.00 | 2.00 | 4.00 | --- | 10.00 | 1.60 ~ 12.53 | 2.80 | 0.32 ~ 3.89 | 12.9 | 1.5 ~ 17.9 | 99 |
| 2.5+2.5+2.5+6.0 | 1.85 | 1.85 | 1.85 | 4.44 | --- | 10.00 | 1.60 ~ 12.69 | 2.65 | 0.31 ~ 3.88 | 12.2 | 1.5 ~ 17.9 | 99 |
| 2.5+2.5+2.5+7.1 | 1.71 | 1.71 | 1.71 | 4.86 | --- | 10.00 | 1.60 ~ 12.69 | 2.65 | 0.31 ~ 3.88 | 12.2 | 1.5 ~ 17.9 | 99 |
| 2.5+2.5+3.5+3.5 | 2.08 | 2.08 | 2.92 | 2.92 | --- | 10.00 | 1.60 ~ 11.90 | 3.17 | 0.34 ~ 3.88 | 14.6 | 1.6 ~ 17.9 | 99 |
| 2.5+2.5+3.5+5.0 | 1.85 | 1.85 | 2.59 | 3.70 | --- | 10.00 | 1.60 ~ 12.54 | 2.80 | 0.32 ~ 3.89 | 12.9 | 1.5 ~ 17.9 | 99 |
| 2.5+2.5+3.5+6.0 | 1.72 | 1.72 | 2.41 | 4.14 | --- | 10.00 | 1.60 ~ 12.69 | 2.65 | 0.31 ~ 3.88 | 12.2 | 1.5 ~ 17.9 | 99 |
| 2.5+2.5+3.5+7.1 | 1.60 | 1.60 | 2.24 | 4.55 | --- | 10.00 | 1.60 ~ 12.69 | 2.65 | 0.31 ~ 3.88 | 12.2 | 1.5 ~ 17.9 | 99 |
| 2.5+2.5+5.0+5.0 | 1.67 | 1.67 | 3.33 | 3.33 | --- | 10.00 | 1.60 ~ 12.94 | 2.43 | 0.29 ~ 3.87 | 11.2 | 1.4 ~ 17.8 | 99 |
| 2.5+3.5+3.5+3.5 | 1.92 | 2.69 | 2.69 | 2.69 | --- | 10.00 | 1.60 ~ 11.96 | 3.17 | 0.34 ~ 3.88 | 14.6 | 1.6 ~ 17.9 | 99 |
| 2.5+3.5+3.5+5.0 | 1.72 | 2.41 | 2.41 | 3.45 | --- | 10.00 | 1.60 ~ 12.54 | 2.72 | 0.32 ~ 3.89 | 12.5 | 1.5 ~ 17.9 | 99 |
| 2.5+3.5+3.5+6.0 | 1.61 | 2.26 | 2.26 | 3.87 | --- | 10.00 | 1.60 ~ 12.70 | 2.65 | 0.31 ~ 3.88 | 12.2 | 1.5 ~ 17.9 | 99 |
| 3.5+3.5+3.5+3.5 | 2.50 | 2.50 | 2.50 | 2.50 | --- | 10.00 | 1.60 ~ 12.04 | 3.17 | 0.34 ~ 3.88 | 14.6 | 1.6 ~ 17.9 | 99 |
| 3.5+3.5+3.5+5.0 | 2.26 | 2.26 | 2.26 | 3.23 | --- | 10.00 | 1.60 ~ 12.55 | 2.72 | 0.32 ~ 3.89 | 12.5 | 1.5 ~ 17.9 | 99 |
| 2.5+2.5+2.5+2.5+2.5 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 10.00 | 2.00 ~ 12.82 | 3.03 | 0.40 ~ 3.89 | 13.9 | 1.9 ~ 17.9 | 99 |
| 2.5+2.5+2.5+2.5+3.5 | 1.85 | 1.85 | 1.85 | 1.85 | 2.59 | 10.00 | 2.00 ~ 12.82 | 3.03 | 0.40 ~ 3.89 | 13.9 | 1.9 ~ 17.9 | 99 |
| 2.5+2.5+2.5+2.5+5.0 | 1.67 | 1.67 | 1.67 | 1.67 | 3.33 | 10.00 | 2.00 ~ 13.00 | 2.56 | 0.36 ~ 3.87 | 11.7 | 1.7 ~ 17.8 | 99 |
| 2.5+2.5+2.5+3.5+3.5 | 1.72 | 1.72 | 1.72 | 2.41 | 2.41 | 10.00 | 2.00 ~ 12.83 | 3.03 | 0.40 ~ 3.89 | 13.9 | 1.9 ~ 17.9 | 99 |
| 2.5+2.5+3.5+3.5+3.5 | 1.61 | 1.61 | 2.26 | 2.26 | 2.26 | 10.00 | 2.00 ~ 12.84 | 3.03 | 0.40 ~ 3.90 | 13.9 | 1.9 ~ 18.0 | 99 |

Notes:
1. Cooling capacity is based on 27 °CDB / 19 °CWB (Indoor temperature), 35 °CDB (Outdoor temperature).
2. The total ability of connected indoor units is up to 15.6 kW.
3. It is impossible to connect only one indoor unit.
4. Capacities are based on the following conditions.
   Corresponding refrigerant piping length: 5 m
   Level differnce: 0 m

3D111251

## D'SmartHome

D'SmartHome is a smart home solution that can be customized to complement your lifestyle. With a single interface, the system can be integrated to control and communicate through a network to various appliances and devices. D'SmartHome technology promises to provide a better comfort, home security and lifestyle.



D'SmartHome

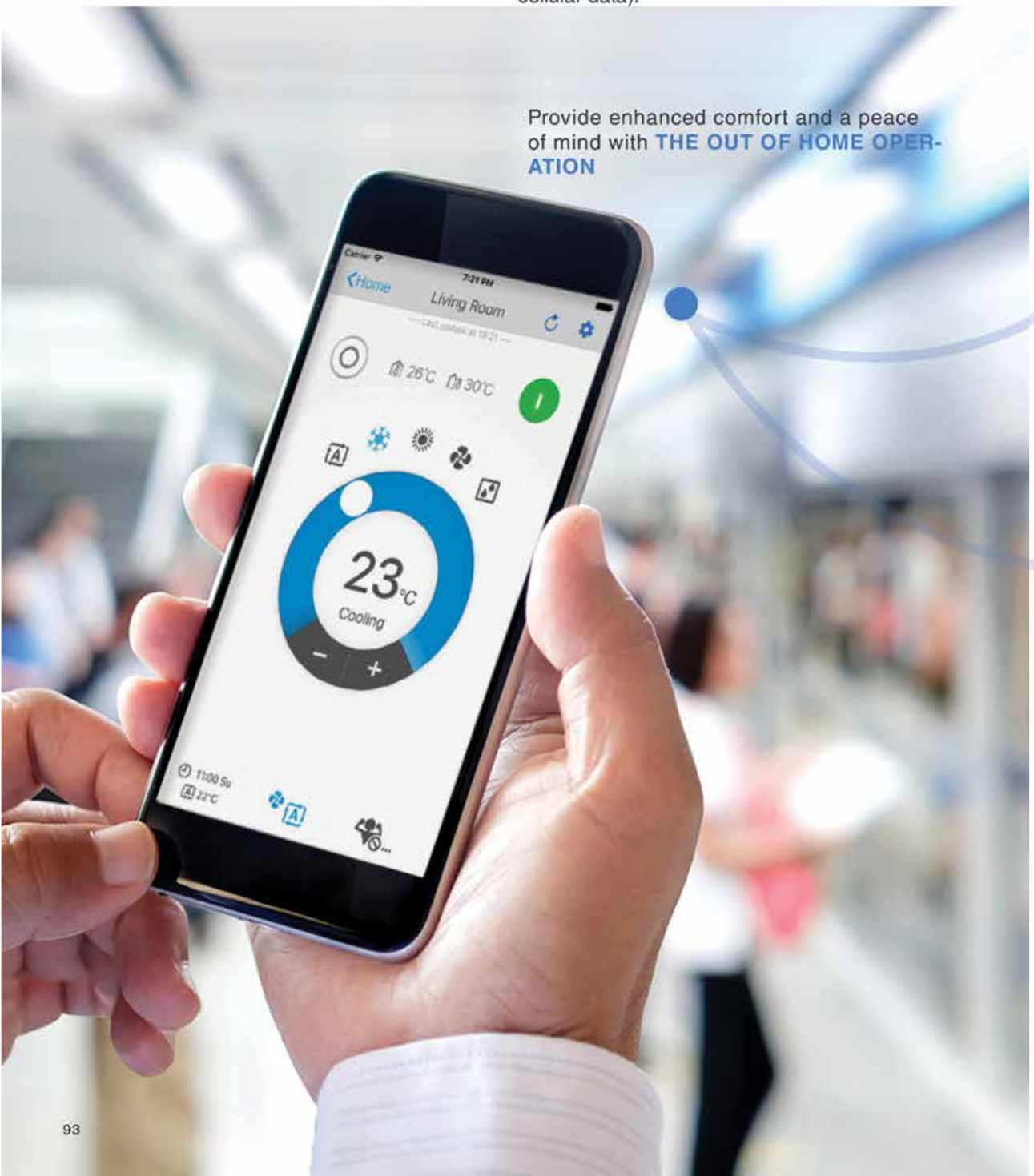
# D-MOBILE

## CONTROL YOUR AIR CONDITIONER ANYWHERE, ANYTIME

With just a few clicks on an application, you can control your favorite AC functions right from your device.

Let D-Mobile application and Daikin's BRP072A42 wireless LAN adaptor turn your smartphone or tablet into a virtual AC remote control with connection via internet (Wi-Fi or cellular data).

Provide enhanced comfort and a peace of mind with **THE OUT OF HOME OPERATION**






## DAIKIN MOBILE CONTROLLER

CONTROL YOUR AIR CONDITIONER FROM ANYWHERE WITH YOUR SMARTPHONE

Start/stop operation

START - STOP Operation

Set operation mode

• Automatic • Fan only • Cooling
• Dry • Heating

AUTO FAN COOL DRY HEATING

Set room temperature

Set fan speed *

Set airflow direction *

Airflow direction

*Applicable with CTKM / CTXM / CDXP / CDXM only.

6 lần một ngày

Enjoy more convenience with **THE IN-HOME OPERATION**

## HOW DAIKIN SMARTPHONE OPERATION WORKS?


Daikin mobile controller application

Free & Easy Download

App Store Google Play

D-MOBILE CONTROLLER

AIR PURIFIER
CLEAN - CLASH - CYCLE

STREAMER


MC55 / 40 models

# Daikin's Unique Double Methode

## Outside

### Active plasma ion flow out

*MCK55 and MC55 models only.

The plasma ion technology uses plasma discharge to release ions into the air, which combine with components of the air to form active species with strong oxidizing power like OH radical. They attach to the surface of fungi and allergens and decompose proteins in the air by oxidation.

Daikin's plasma ions have been proved safe.
Safety concerning effect on skin, eyes, and respiratory organs
Testing organization: Life Science Laboratories, Ltd.
Name of test: repeated-dose toxicity test
Test number: 12-II A2-0401

**Mechanism of reduction by active plasma ions**

**Concentration: 25,000 ions/cm$^3$ *1**

Note:
*1 The number of ions per 1cm$^3$ of air blown into the atmosphere measured near the air outlet during operation with maximum airflow.
Test conditions: temperature 25°C, humidity 50%.

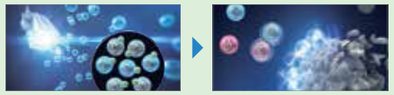
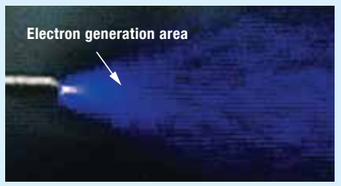


Image is for illustrative purposes

## Inside

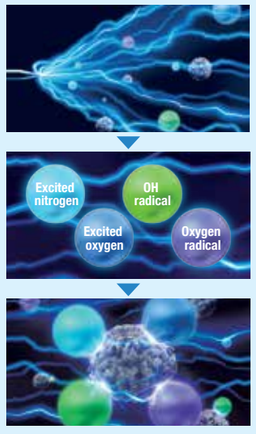
### Streamer decomposes by suction

Streamer, a type of plasma discharge, decomposes hazardous chemical substances.
The decomposition power is comparable to thermal energy of about 100,000°C.*2




Note:
*2 Comparison of oxidation decomposition. This does not mean temperature will become high.

**Mechanism of decomposition by Streamer**




Streamer emits high-speed electrons.

The electrons collide and combine with nitrogen and oxygen in the air to form four kinds of decomposing elements with decomposition power.

The decomposing elements provide decomposition power.

## Three Steps to Decompose Harmful Substar

### 1 Powerful suction

Takes in dust over a wide area from 3 directions.

### 2 Effective capture of pollutants

Catches dust and pollutants effectively with an electrostatic HEPA filter.

### 3 Decomposition

Uses Daikin's Streamer technology to decompose harmful substances caught on the filter by oxidation. *1

Effect after nine hours in a space of about 200L.

STREAMER

Note:
*1 (Reduction of gases) Testing organization: Life Science Research Laboratory.
Test method: After operating a gasoline engine for 10 minutes (when particulate concentration reached 60mg/m$^3$),operated the air purifier for 80 minutes to absorb polluting dust emitted from the engine.
Operated this air purifier for 24 hours in a closed space of 200L and measured the effect to decompose gases.
Test result: Compared with a test without Streamer irradiation, gas components were reduced by 63% in 9 hours.
Test number: LSRL-83023-702.
Test unit: Tested with MCK70N (Japanese model).

**Pollutants that can be collected and deodorised by filter**

- House dust
- Pollen (cedar,etc.)
- Yellow dust
- PM2.5
- City exhaust gas (trichloroethylene,etc.)
- NOx
- VOC-type chemical substances
- Moulds
- Dog epidermis (dander)
- Cat epidermis (dander)
- Hamster epidermis (dander)
- Pet hair
- Ammonia
- Garbage odour
- Cooking odour
- Cigarette smoke odour

**Pollutants that can be reduced**

- Indoor air pollutants (formaldehyde, etc.)
- Diesel exhaust particulates (DEP)
- Floating viruses
- Floating mould
- Cockroaches (droppings)
- House dust mites (droppings & dead mites)
- Attached viruses
- Attached bacteria
- Wheat flour
- Body odour
- Attached odour
- Pet odour
- Mould odour

# Specifications

| MODEL | | | Streamer Air Purifier Humidifying 55 type | | | | | | | | Streamer Air Purifier 55 type | | | | Streamer Air Purifier 40 type | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | |  MCK55TVM6 | | | | | | | |  MC55UVM6 | | | |  MC40UVM6 | | | |
| Colour | | | White | | | | | | | | | | | | | | | |
| Mode | | | Air purifying operation | | | | Humidifying operation | | | | Air purifying operation | | | | Air purifying operation | | | |
| Applicable room area*1 | Air purification | m² | 41 (13.2m² purified in approx. 11 min.) | | | | ——— | | | | 41 (13.2m² purified in approx. 11 min.) | | | | 31 (13.2m² purified in approx. 15 min.) | | | |
| | Air purification + Humidification | | 41 | | | | Prefab : 23 Wooden : 14 | | | | ——— | | | | ——— | | | |
| Power supply | | | 1 Phase, 220–240/220–230V, 50/60Hz | | | | | | | | | | | | | | | |
| Plug shape | | | C type | | | | | | | | | | | | | | | |
| Mode | | | Quiet | Low | Standard | Turbo | Quiet | Low | Standard | Turbo | Quiet | Low | Standard | Turbo | Quiet | Low | Standard | Turbo |
| Airflow rate | | m³/min. | 0.9 | 2.0 | 3.2 | 5.5 | 1.7 | 2.4 | 3.2 | 5.5 | 1.1 | 2.0 | 3.2 | 5.5 | 1.1 | 1.8 | 2.8 | 4.0 |
| Power consumption | | W | 7 | 10 | 17 | 56 | 11 | 14 | 19 | 58 | 8 | 10 | 15 | 37 | 7 | 9 | 13 | 23 |
| Sound pressure level | | dB | 19 | 29 | 39 | 53 | 25 | 33 | 39 | 53 | 19 | 29 | 39 | 53 | 19 | 27 | 36 | 49 |
| Humidification*2 | | mL/h | —— | —— | —— | —— | 200 | 240 | 300 | 500 | —— | —— | —— | —— | —— | —— | —— | —— |
| Dimensions | | mm | H700(718 with caster) x W270 x D270 | | | | | | | | H500 x W270 x D270 | | | | | | | |
| Weight | | kg | 9.5 (Without water) | | | | | | | | 6.8 | | | | | | | |
| Dust collection filter | | | Electrostatic HEPA filter | | | | | | | | | | | | | | | |
| Humidifying method | | | Evaporation type Element | | | | | | | | ——— | | | | | | | |
| Tank capacity | | | About 2.7L | | | | | | | | ——— | | | | | | | |
| Optional accessories | Replacement filter | Dust collection | KAFP080B4E (1 sheet) (Purchase of new filters is needed after about 10 years)*3 | | | | | | | | | | | | | | | |
| | | Deodorising | ——— | | | | | | | | ——— | | | | | | | |
| | | Humidifying | KNME080A4E | | | | | | | | ——— | | | | | | | |

Note:
*1 Calculation based on testing method of the Japan Electrical Manufacturers ,Association standard JEM1467.
*2 Humidification amount changes in accordance with indoor and outdoor temperature and humidity.
Measurement condition: 20°C in temperature, 30% in humidity.(JEM1426)
*3 Verified by test method based on Japan Electrical Manufacturers' Association Standard JEM1467.
The standard assumes five or more cigarettes are smoked per day.
Not all harmful substances in cigarette smoke (carbon monoxide, etc.) can be removed.
More frequent filter changing may be needed depending on operating conditions.



| MODEL | | | Standard Air Purifier 30 type |
|---|---|---|---|
| | | | NEW  MC30VVM-H |
| Colour | | | White |
| Mode | | | Air purifying operation |
| Applicable room area*1 | Air purification | m² | 21.5 (13.2m² purified in approx. 20 minutes) |
| | Air purification + Humidification | | ——— |
| Power supply | | | 1 Phase, 220–240/220–230V, 50/60Hz |
| Plug shape | | | C type |
| Mode | | | Quiet / Low / Standard / Turbo |
| Airflow rate | | m³/min. | 1.0 / 1.5 / 2.0 / 3.0 |
| Power consumption | | W | 5.5 / 6 / 11 / 16 |
| Sound pressure level | | dB | 19 / 29 / 33 / 44 |
| Humidification*2 | | mL/h | ——— |
| Dimensions | | mm | H455 x W280 x D189 |
| Weight | | kg | 5.0 |
| Dust collection filter | | | Electrostatic HEPA filter |
| Humidifying method | | | ——— |
| Tank capacity | | | ——— |
| Optional accessories | Replacement filter | Dust collection | BAFP001AE (1 sheet) (Purchase of new filters is needed after about 2 years)*2 |
| | | Deodorising | BADP001AE (4 sheets) (Purchase of new filters is needed after about 3 months)*2 (apporox. 3 months / sheet x 4 sheets = 1 year) |
| | | Humidifying | ——— |

Note:
*1 Calculation based on testing method of the Japan Electrical Manufacturers ,Association standard JEM1467.
*2 Verified by test method based on Japan Electrical Manufacturers' Association Standard JEM1467.
The standard assumes five or more cigarettes are smoked per day.
Not all harmful substances in cigarette smoke (carbon monoxide, etc.) can be removed.
More frequent filter exchange may be needed depending on operating conditions

**About the dust collection and deodorising capacity of air purifiers:**
- Not all harmful substances in cigarette smoke (carbon monoxide, etc.) can be removed.
- Not all odour components that emanate continuously (building material odours and pet odours, etc.) can be removed.

This product is not a medical device, medical treatment device or a therapeutic good.
This product is not intended to have any therapeutic use or to be used for the diagnosis, treatment, relief or prevention of illness.
If you have a health concern or are not feeling well, please consult a health care professional.

# Functions

| | |  MCK55TVM6 |  MC55UVM6 |  MC40UVM6 | NEW  MC30VVM-H |
|---|---|---|---|---|---|
| | Humidification | ● | — | — | — |
| 1 | Temperature and humidity sensors | ● | — | — | — |
| 2 | Dust (PM2.5/dust) and odour sensor lamps | ● | ● | ● | — |
| 3 | Dust (PM2.5/dust) sensor lamps | — | — | — | ● |
| 4 | Dust and odour sensor lamps | — | — | — | — |
| 5 | Streamer discharge | ● | ● | ● | — |
| 6 | Active plasma ion | ● | ● | — | — |
| 7 | Electrostatic HEPA filter | ● | ● | ● | ● |
| 8 | Electric dust collection | — | — | — | — |
| 9 | Pleated dust collection filter | — | — | — | — |
| 10 | Titanium apatite deodorising filter | — | — | — | — |
| 11 | Deodorising filter | ● | ● | ● | ● |
| 12 | Moist mode | ● | — | — | — |
| 13 | Econo mode | ● | ● | ● | ● |
| 14 | Auto fan mode | ● | ● | ● | ● |
| 15 | Anti-pollen mode | ● | ● | ● | ● |
| 16 | Sleep mode | — | — | — | — |
| 17 | Turbo mode | ● | ● | ● | ● |
| 18 | Off timer | — | — | — | — |
| 19 | Child proof lock | ● | ● | — | — |
| 20 | Brightness adjustment | ● | ● | ● | — |
| 21 | Auto-restart after power failure | ● | ● | ● | ● |
| 22 | Stabilizer free | ● | ● | ● | ● |



## 1 Temperature and humidity sensors

Humidity is detected and shown by an easy-to-understand indicator.

## 2 Dust (PM2.5/dust) and odour sensor lamps

"Triple detection" is performed by a dust sensor (which distinguishes small particles, such as PM2.5 and larger particles of dust, and reacts accordingly) and an odour sensor.

## 3 Dust (PM2.5/dust) sensor lamps

A dust sensor detects house dust and PM2.5 ultrafine particles approx. 2.5μm and smaller, and the lamps indicate air quality.

## 4 Dust and odour sensor lamps

Dust and odours are detected and shown in 3 easy-to-understand colours to indicate the level.

## 5 Streamer Discharge

This function quickly decomposes odours and allergens, etc., with high speed electrons that have a powerful ability to oxidize.

## 6 Active plasma ion

The active plasma ion technology decomposes odours and allergens in the air by plasma ions with strong oxidizing power.

## 7 Electrostatic HEPA filter

There is a high-performance filter that catches 99.97% of 0.3μm fine particles.

## 8 Electric dust collection

Dust and pollen are collected by charging them positively and using the electrostatic dust collection filter charged negatively.

## 9 Pleated dust collection filter

Very economical, the air purifier comes standard with 5 replacement filters. You will not have to buy filters for 10 years (1 filter can be used for 2 years).

## 10 Titanium apatite deodorising filter

Odours and allergens are thoroughly adsorbed by the titanium apatite and then removed.

## 11 Deodorising filter

Odours are caught on the deodorising filter.
Models excluding MC30 model utilize streamer to decompose these odours and adjuvants on the filter.

## 12 Moist mode

Automatic control maintains relatively high humidity that is gentle to the throat and the skin.

## 13 Econo mode

Operation automatically switches only between "Quiet" and "Low" modes in accordance with the degree of polluted air.

## 14 Auto fan mode

The air purifier is run, without wasteful operation, only in accordance with the level of pollutants in the air, which is detected by the sensor.

## 15 Anti-Pollen Mode

Switching between "standard" and "low" modes to create a gentle turbulence, pollen is caught before it lands on the floor.

## 16 Sleep mode

Operation automatically switches only between "Quiet" and "Low" modes in accordance with how polluted the air is.
This is recommended for times such as when sleeping.

## 17 Turbo mode

This convenient mode provides high-power operation to quickly clean the air in a room when, for example, you come home or when you have guests over.

## 18 Off timer

Operation stop time can be set.

## 19 Child proof lock

This can be used to prevent small children from mishandling the air purifier.

## 20 Brightness adjustment

The brightness of the indicator panel lamp can be adjusted.

## 21 Auto-Restart after Power Failure

The air purifier memorises the settings for mode, airflow, etc., and automatically returns to them when power is restored after a power failure.

## 22 Stabilizer free

Stabilizer free operation protects the vital components of machine from power fluctuations. With this function installing stabilizer becomes needless (voltage range protection: 180~264V).
If power fluctuation is beyond the limit mentioned then a stabilizer is required.

DAIKIN PROSHOP

## APAKAH ITU DAIKIN PROSHOP?

Daikin Dealer spesialis AC Home Central
yang sudah tersertifikasi dalam memberikan
total solusi AC & menerapkan KAIDAN Method


## MENGAPA MEMILIH DAIKIN PRO-SHOP?

### CONSULTATION POWER

Costumer dapat mengkonsultasikan design tata udara dan merekomendasikan sistem yang sesuai dengan kebutuhan konsumen

### INSTALLATION POWER

Teknisi Proshop mengutamakan pemasangan berkualitas dan mengaplikasikan **KAIDAN METHOD,** dan setiap pemasangan daikin proshop akan di **Supervisi langsung oleh Daikin**

### TOOLS POWER

Setiap pembelian dan pemasangan Home Central di Daikin Proshop mendapatkan ***5 Tahun Garansi Kompresor dan *1 Tahun Garansi Instalasi**

### AFTERSALES POWER

Merespon kebutuhan Konsumen ***1 x 24 Jam**



## KAIDAN METHOD


### 1. KOORDINASI DESIGN

Konfirmasi terlebih dahulu untuk posisi unit & simpan unit di tempat kering.

### 2. INSTALASI PIPA

Memotong & flaring pipa refrigrant harus menggunakan alat khusus potong & flaring.

### 3. INSTALASI INDOOR

Pastikan indoor terpasang horizontal lurus untuk memperlancar pembuangan air kondensasi & bungkus indoor supaya terlindung dari debu kotoran.

### 4. INSTALASI GANTUNGAN & PIPA PEMBUANGAN

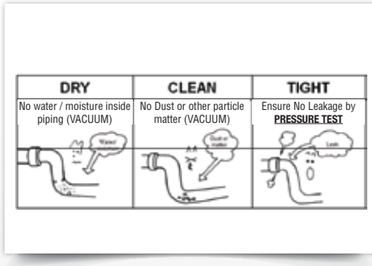
Gantungan harus dipasang setiap 1,2-1,5 m & kemiringan pipa pembuangan harus 1:100

### 5. PENGELASAN

Harus menggunakan Nitrogent untuk mencegah oksidasi di dalam pipa.

### 6. INSTALASI OUTDOOR

Pastikan outdoor dipasang di tempat terbuka & tersedia area yang cukup untuk service & perawatan.




### 7. VACUUM & TEST TEKAN


### 8. PENGISIAN FREON

Gunakan alat timbang freon untuk pengisian presisi

### 9. TEST COMMISIONING

Untuk memastikan unit beroperasi normal


### 10. OPERATION MANUAL

Menjelaskan kepada konsumen bagaimana mengoperasikan AC

### 11. DAIKIN SUPERVISI

Pemasangan mendapatkan supervisi langsung dari Daikin

### 12. DOKUMEN SERAH TERIMA

Dealer Proshop akan menyediakan :
- Gambar sistem AC
- Seleksi unit
- Laporan supervisi Daikin

# PROSHOP SHOWROOM

## PT CIPTA SEJAHTERA LESTARI


Jl. Rukan Artha Gading Niaga C/30 Kelapa Gading, Jakarta Utara
Telp : 021 - 4587 0953
ciptaSL@daikinpro-shop.com

## PT JUAN TEKNIK


Jl. Pluit Barat 1 No.42, Pluit, Jakarta Utara
Telp : 021 - 6682 980, 6667 8555
juan.teknik@daikinpro-shop.com

## PT AIRCON DUARIBU PRATAMA


Ruko Manyar Permai Blok B8 - PIK, Jakarta Utara
Telp : 021 - 2907 3777, 2907 3999
aircon2000@daikinpro-shop.com

## PT PANDILLA DESCO JAYA


Ruko Altira Blok H03, Blok H No 12-15, Sunter Jaya, Jakarta Utara
Telp : 021 - 2188 23 80/81
desco@daikinpro-shop.com

## PT STHIRA NUSANTARA


Jl.Pangeran Jayakarta Ruko 135, No. A6 & A7, Jakarta Pusat
Telp : 021 - 6230 2345
sthira@daikinpro-Shop.com

## PT SUMBER SURYASUKSES MANDIRI


Jl. RS Fatmawati No.3B - Jakarta Selatan
Telp : 021 - 7581 6176
ssm@daikinpro-shop.com

## PT INTI GLOBAL SELARAS


Jl. Cipinang Jaya No.14 D-E, Cipinang Besar Utara, Jatinegara, Jakarta Timur
Telp : 021 - 2286 3002
igs@daikinpro-shop.com

## PT TANGGA ERA BATU

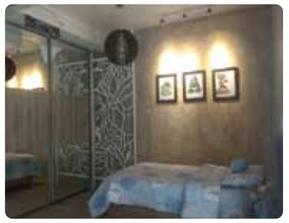

Jl. Dr. Saharjo No.38 B, RT.4/RW.8, Ps. Manggis, Kota Jakarta Selatan, Daerah Khusus Ibukota Jakarta 12960
Telp : 021 - 83708494
tanggaerabatu@daikinpro-shop.com



## PT MITRA WARGA


Jl. Raya Kelapa Puan blok AF 1 / 28, Gading Serpong, Tangerang
Telp : 021 - 5464 805
mitra.warga@daikinpro-shop.com

## PT KENZO ADIPERKASA

Ruko Crown Green Lake blok E no 23 , Greenlake City, Cipondoh, Tangerang
Telp : 021 - 5433 3890, 5433 3718, 5433 3989
kenzo@daikinpro-shop.com

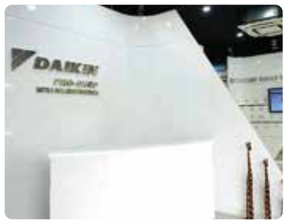
## KENCANA MAKMUR


Jl. Pos Pengumben 28B, Jakarta Barat
Telp : 021 - 53652222, 53653982, 5868259
kencanamakmur@daikinpro-shop.com

## PT ANJAYA PARAMUDYA PERKASA


Jl Perak Timur 198, Surabaya
Telp : 031 - 329 5198
anjaya@daikinpro-shop.com

## PT MITRA SOLUSI NUSANTARA




Ruko Raya Gubeng, Jl. Karimun Jawa No. 8, Surabaya
Telp : 031 - 9944 5398
mitrasolusi@daikinpro-shop.com

## PT MULTI MAKMUR SOLUSI


Ruko Sentra Taman Gapura G-9 Gwalk Citraland, Surabaya
Telp : 031 - 7400 102
multimakmursolusi@daikinpro-shop.com

## PT DAVINDO ANUGERAH UNGGUL


Ruko Pasar Modern Puncak Permai, Jl. Raya Darmo Permai III No. 23, Sukomanunggal, kec. Sukomanunggal, Surabaya
Telp : 031 - 5961 832
davindo@daikinpro-shop.com

## PT MECHTRON MASTEVI INDONESIA


Jl. T Amir Hamzah No.38 A Medan
Telp : 061 - 8008 8677
mmi@daikinpro-shop.com

# UP COMING PROSHOP SHOWROOM

## PT DAMAI LESTARI SEJAHTERA


Ruko Mahkota Raya Blok B No.12, Batam Centre, Batam
Telp : 08778 7433733 / 08778 7433762 / 0812 9478 7433
DLS@daikinpro-shop.com

## CV SURYALAYA


Jl. Naripan No.109, Bandung
Telp : 022 - 4264 455 / 022 - 4264 456
suryalaya@daikinpro-shop.com

## CV NEW LEADER


Jl. Moh. Yamin No.82, Solo
Telp : 0271 - 664 541 / 656 818
newleader@daikinpro-shop.com

## PT ASSERIO GRAHA ERKON


Jl. HOS Cokroaminoto No.41, Kota Yogyakarta
Telp : 0274 - 618 428 / 618 405
alva@daikinpro-shop.com

## CV ARTIC

JL. Turi No.14 Kesiman, Bali
Telp : 0361 - 221 597
artic@daikinpro-shop.com



# PROJECT REFERENCE

Project

## RADITYA DIKA

Actor & Comedian

Design by Keneth Sandy Studio

"Puas banget dengan pelayanan Daikin Proshop, senang untuk tahu keluarga kami ada di tangan profesional. Produk yang bagus dan tim yang baik jadi kombinasi yang memuaskan!" . - Raditya Dika -

Using

## VRV IVS & MULTI NX

Project

## DR. TOMPI

Doctor & Singer

Beyoutiful Clinic

"Timnya (Daikin Proshop) Profesional, mereka datang, mereka ukur, terus mereka kasih reasoning kalau ada masalah, saya senang kalau segala sesuatunya ada alasan yang jelas. Dan 1 mesin outdoornya bisa di split untuk beberapa indoor, dan itu kan lumayan menghemat tampilan belakang jadi tidak menumpuk box, dengan ukuran gedung saya yang cukup besar dan luas, jadi dengan banyak box AC jadi enggakkebayang peletakannya kayak apa". - Dr. Tompi -

Using

## MULTI NX

Project

## BENNY FAJARAI & ZILVIA ISKANDAR

Financial Consultant

Design by Seisy Zakia

"Daikin Proshop team, has been very helpful to consult us the best setup for our air conditioning. We're happy with their service and product. It fits what we need for our new home". - Benny Fajarai & Zilvia Iskandar -

Using

## MULTI NX

Project

## CHEF YUDA BUSTARA

"Daikin Proshop sangat baik kualitasnya dan layanan purna jualnya"
- Chef Yuda Bustara -

Using

## VRV HS

Project

**RUMAH DINAS WALIKOTA**

Using

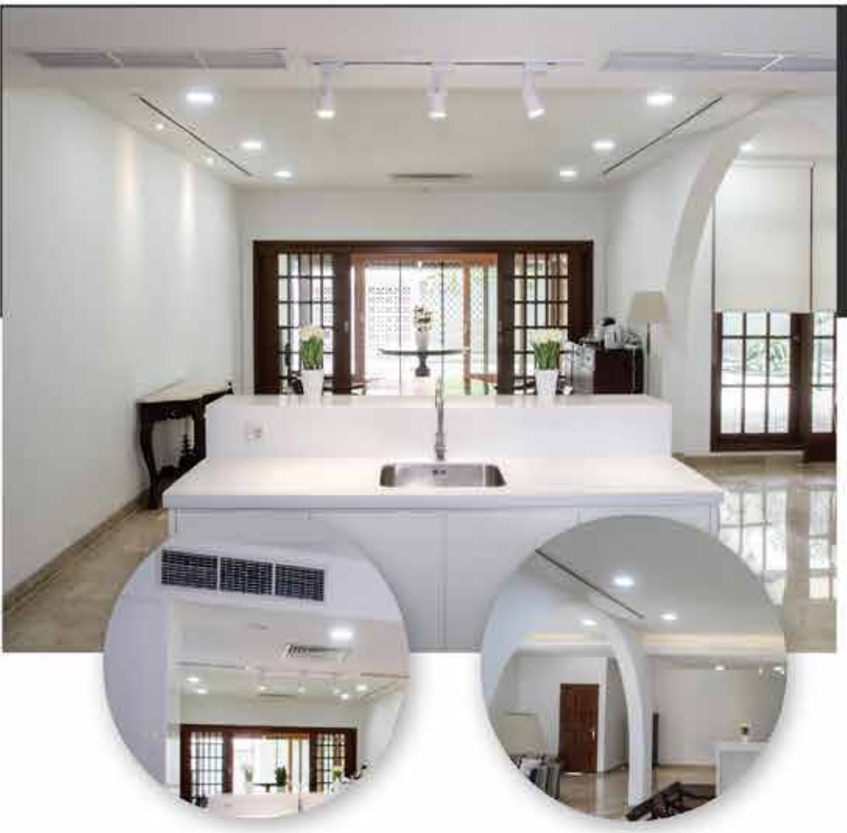
# VRV HS


Project

**CAFE REUNI**

Using

# MULTI NX



Project

**RUMAH CIPETE**

Using

# VRV IVS

Project

**PIK**

Using

# VRV HS

Project

**QUEBEC MANSION**

Using

# MULTI NX

Project

**PRIVATE HOUSE SUNTER RESIDENCE**

Design by AS Design

Using

# MULTI NX

Project

**NAVAPARK**

Design by DNH Interior

Using

# VRV HS

and

# MULTI NX

Project

**THE GARDEN PIK**

Design by Einstein & Associates

Using

# MULTI NX