

- Warning** ● Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the user's manual carefully before using this product. The user's manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.
- If you have any enquiries, please contact your local importer, distributor and/or retailer.

**Cautions on product corrosion**

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.

**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



- **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. : 0411-8052 691 | Palembang, Telp. : 0711-573 2282 | Pekanbaru, Telp. : 0761-561 139  
 Medan, Telp. : 061-4200 8866

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



**VRV X**

Cooling Only 50 Hz

**R-410A**

● Specifications, designs and other content appearing in this brochure are current as of May 2019 but subject to change without notice.



# Exceeding Boundaries with Innovative Energy Savings



New

## VRV X

First launched in Japan in 1982, the Daikin **VRV** system has been embraced by world markets for over 35 years. Now, Daikin proudly introduces the new **VRV X** series. By combining the technologies of **VRV**, VRT and VAV, we have attained both energy savings and comfortable air conditioning.

# VRV + VRT + VAV

### Energy savings

Uniting **VRV**, VRT and VAV technologies

### Automatic refrigerant charge function

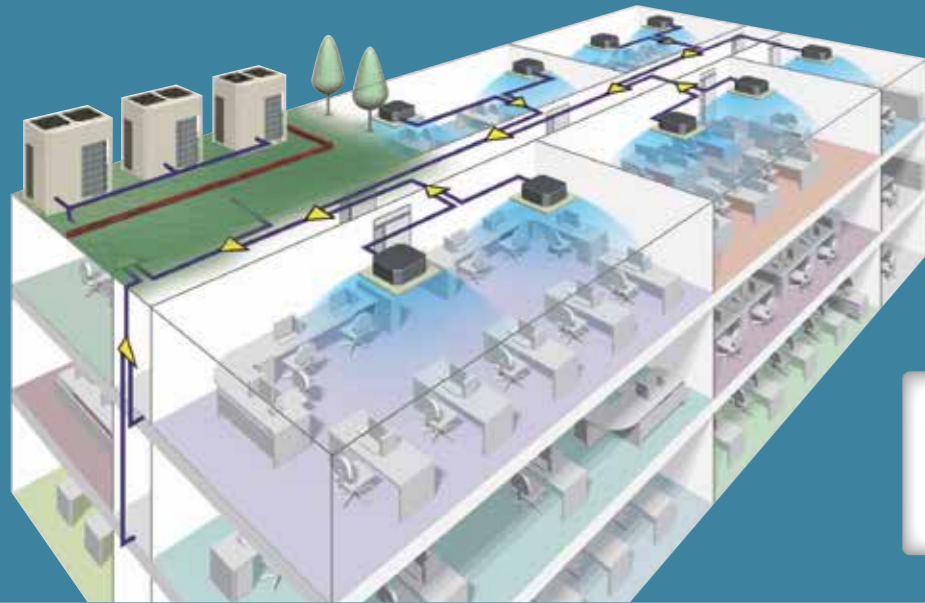
- Optimised operation efficiency
- Higher installation quality
- Easier installation

### High reliability

- New inverter PC board
- Double backup operation
- Refrigerant cooling for PC board

\* **VRV** is a trademark of Daikin Industries, Ltd.





\* To be released in the latter half of 2018.  
Please contact Daikin sales office for more information.

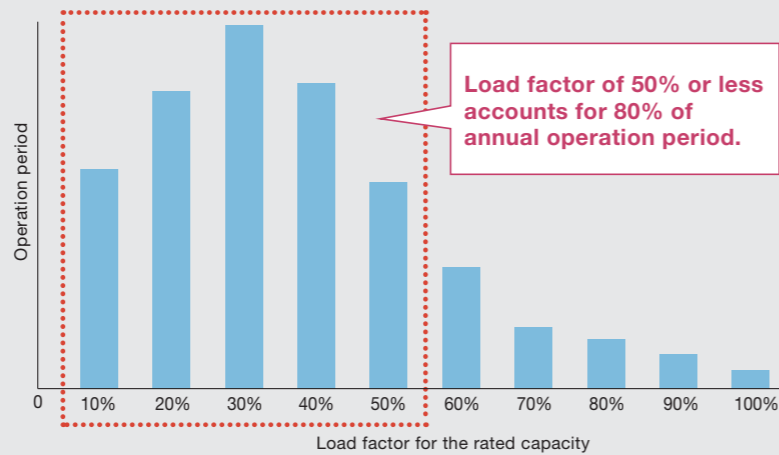
**Cooling Only**  
**6 HP - 60 HP**  
**(16.0 kW) (168 kW)**

### Greater energy savings during low-load operation

**The key to innovative energy savings is to increase efficiency during low-load operation.**

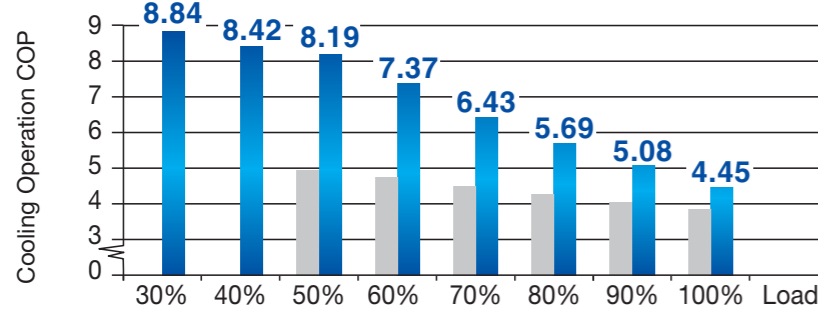
Using data gathered from actual operation, Daikin discovered that air conditioning systems operate at a load factor of 50% or less for 80% of their annual operation period. This inspired us to develop new technologies to enhance energy efficiency during low-load operation. Utilising these technologies, Daikin's new VRV X series raises the standard of energy efficiency.

•Correlation between the load factor for the rated capacity and operation time (in office buildings in Singapore)  
\*According to a survey by Daikin (based on Air Conditioning Network Service System data)



### Higher Coefficient of Performance (COP)

**COP for 10 HP**



**Annual power consumption 20%\* lower**

\* Simulation conditions :  
• Location : Bangkok, Thailand  
• System : Outdoor unit (10 HP) x 1  
Indoor unit (2 HP, Round Flow with Sensing type) x 5  
• Operation time : 8:00-20:00 5 days/week  
• Outdoor units :  
New model : RXUQ10A (VRV X series)  
Conventional model : RXQ10T (VRV IV)



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

### Advanced technologies for greater energy savings

## VRV+VRT+VAV

By uniting advanced **software** and **hardware** technologies for greater energy savings during actual operation and combining the technologies of VRV, VRT and VAV, we have attained both energy savings and comfortable air conditioning.

#### VRT Smart Control (Fully Automatic Energy-saving Refrigerant Control)

Software technology

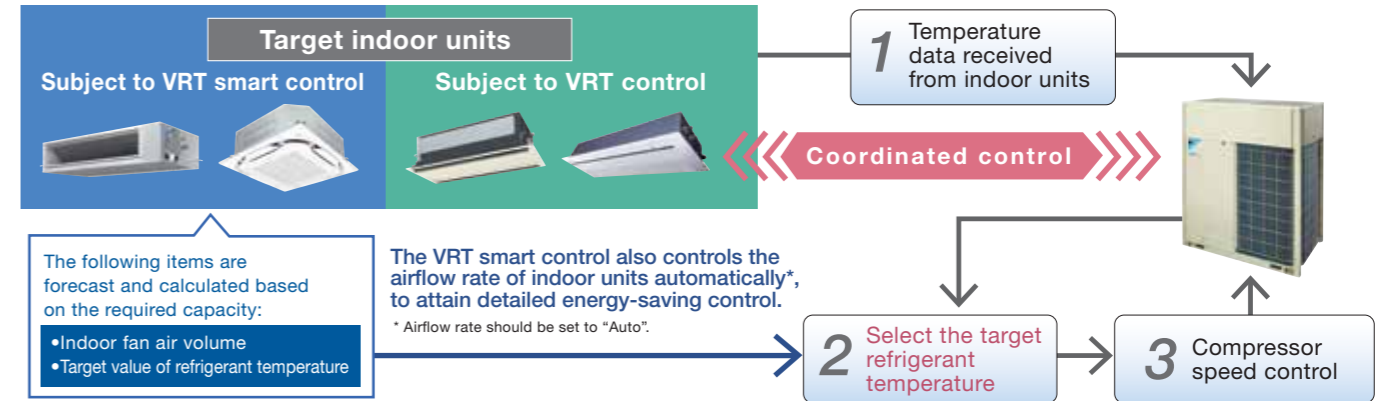
#### Optimally supply only for the needed capacity of indoor units

Daikin developed VRT smart control by combining air volume control (VAV: Variable Air Volume) for indoor units with conventional VRT control, which optimises compressor speed by calculating the required load for the entire system and optimal target refrigerant temperature based on data sent from each indoor unit. Coordination with the air volume control reduces compressor load and minimises operation loss based on detailed control. VRT smart control ensures energy savings and comfortable air conditioning to meet actual operating conditions.



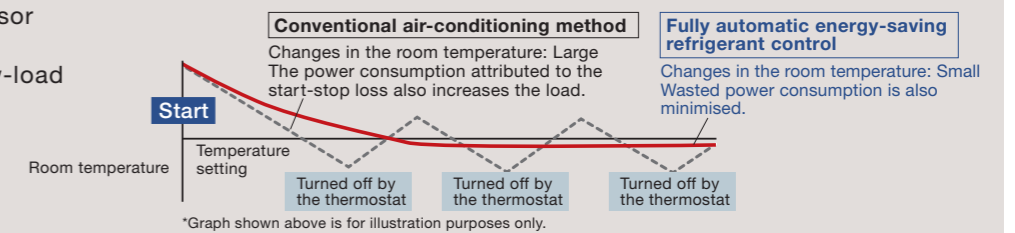
#### •Overview of the control (system control flow)

Different automatic energy-saving refrigerant control applies depending on the indoor units connected.



The smooth control (which keeps the compressor running) saves energy and ensures comfort during low-load operation.

•Changes in the air-conditioned room temperature during low-load operation\*



Note:  
•For the classification of indoor units (VRT smart control and VRT control), refer to page 25-26.  
•If a system has indoor units subject to both VRT smart and VRT control, the system is operated under VRT control.  
•If a system has both outdoor-air processing air conditioners and outdoor-air processing type indoor units, VRT smart control and VRT control are disabled.

#### Optimum utilisation of VRT Smart Control and VRT Control

Effectiveness can be demonstrated for VRT Smart Control and VRT Control when all the indoor units operate under low load conditions in a similar manner.

Low load conditions are the time when room temperature approaches set temperature. For this reason, please note the following to maximise energy efficiency.

#### •When selecting indoor units

Indoor units are installed in a system so that they operate largely under the same conditions. Energy efficiency decreases for the installation patterns shown below.

Example:

- 1) A load imbalance occurs because an indoor unit in the same system is installed near the perimeter of the room or in the vicinity of a room entrance.
- 2) Different operating hours for indoor units.

#### •Time of Use

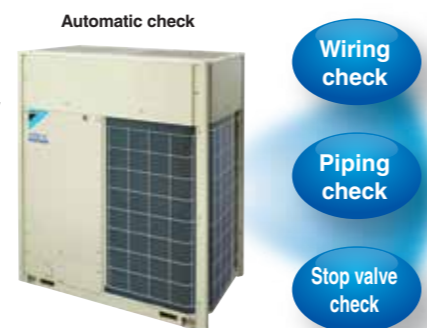
1. Energy efficiency decreases when the set temperature of a specified indoor unit is excessively lowered during cooling operation.
2. The airflow rate setting is set to "Auto" during VRT Smart Control.

## More accurate test operation and stable system

### Efficient automatic test operation

Daikin **VRV X** series incorporates a simplified and efficient test operation function, not only greatly accelerating the installation process, but effectively improving the field setting quality as well.

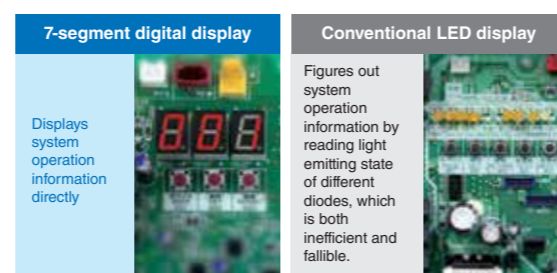
- Automatically checks the wirings between outdoor units and indoor units to confirm whether there is a defective wiring.
- Confirms piping length to optimise operation.
- Automatically checks whether the stop valve in each outdoor unit is in normal status to ensure the smooth operation of air conditioning system.



## Simplified commissioning and after-sales service

### Function of information display by luminous digital tube

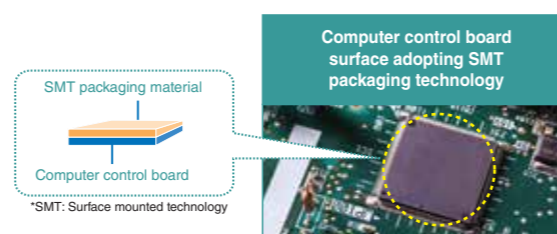
**VRV X** series utilises 7-segment luminous digital tubes to display system operation information, enabling the operational state to be visually displayed whilst facilitating simplified commissioning and after-sales service.



## Advanced control main PC board

### SMT\* packaging technology

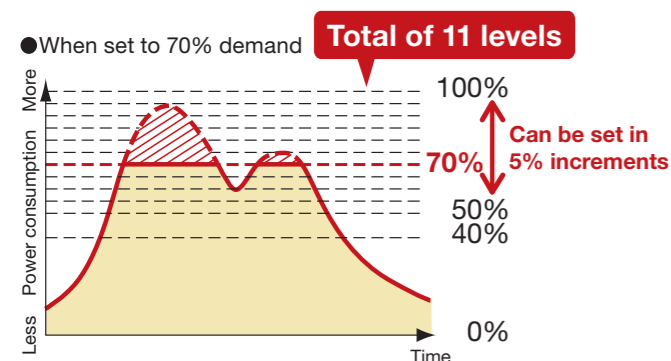
- SMT packaging technology adopted by the whole computer control panel improves the anti-clutter performance.
- Protects your computer boards from the adverse effect of sandy and humid weather.



## I-demand function

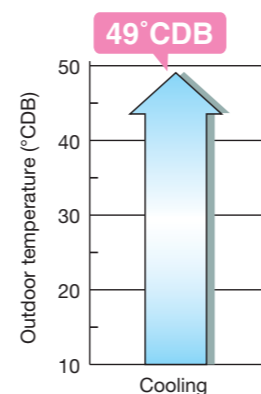
Limit to power consumption can be set precisely to one of 11 levels. Peak power cut-off can be accomplished according to each user situation.

\*Set on the circuit board of the outdoor unit.



## Wide operation temperature range up to 49°C

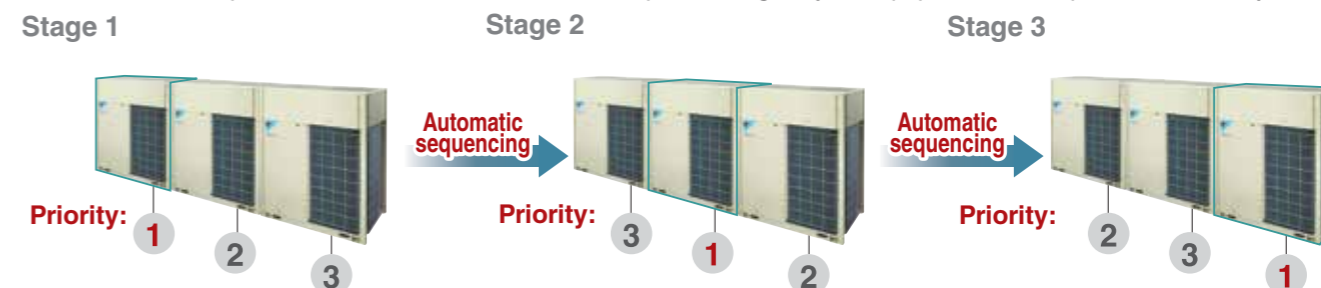
The versatile operation range of the **VRV X** series works to reduce limitations on installation locations. The operation temperature range for cooling can be performed with outdoor temperatures as high as 49°C. This enables reliable operation even under high temperature conditions.



Note: When outdoor temperature falls below 10, the thermostat shuts OFF, the outdoor unit stops, and operation switches from cooling to fan operation.

## Automatic sequencing operation

During start-up, Daikin **VRV X** series outdoor unit sequencing operation will be automatically enabled to ensure balance operation of each outdoor unit to improve longevity of equipment and operation stability.



## Double backup operation functions

Daikin **VRV X** series outdoor unit boasts double backup operation functions, which can secure the use of air conditioners in this area to the greatest extent by emergently enabling double backup operation functions even if failure occurs in a set of air conditioning equipment. In the event of a failure, emergency operation can be conveniently enabled to allow the remaining system to operate in a limited fashion.

### Unit backup operation function

If one of the unit in a multiple outdoor system malfunctions, the other outdoor units provide emergency operation until repairs can be made.

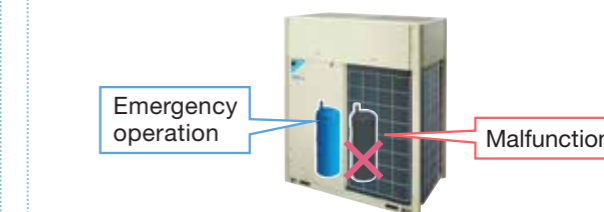
\* For systems composed of two or more outdoor units.



### Compressor backup operation function

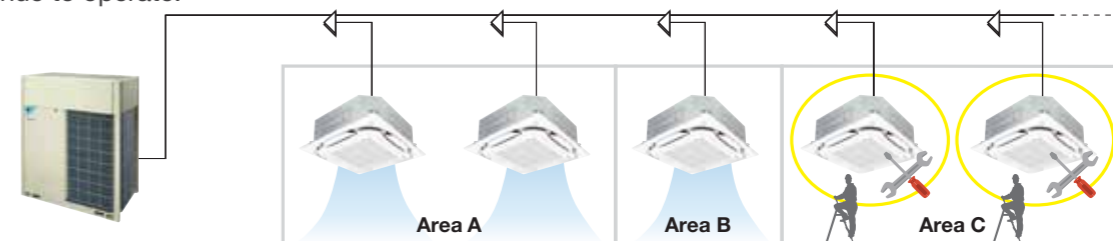
The outdoor unit is equipped with two compressors. Even if one compressor malfunctions, the other compressor provides emergency operation, reducing the risk of air conditioning shutdown due to compressor failure. (The capacity is saved during backup operation.)

\* For a single outdoor unit system RXUQ14-20AY14 models. On-site settings are required using the printed circuit board of the outdoor unit.



## Ease of Maintenance

**VRV X** series provides maintenance feature\* which allows the shutdown of indoor unit without shutting down the whole **VRV** system. This feature comes in handy during maintenance period as the remaining indoor units continue to operate.



\* Field setting is required. This feature does not apply to residential indoor unit connection and is not applicable for all situations. For more information, please contact Daikin sales office.









## VRV X Series Outdoor Units New



The outdoor unit capacity is up to 60 HP (168 kW) in increment of 2 HP.

- VRV X series outdoor unit offers a high capacity of up to 60 HP, responding to the needs of large-sized building.
- The single outdoor unit has only 2 different shapes and dimensions, not only simplifying the design process, but also bringing the system flexibility to a new level.
- With the outdoor unit capacity increased in increment of 2 HP, customers' needs can be precisely met.

### Lineup

| CAPACITY (HP) |                      | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 |  |
|---------------|----------------------|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| VRV X SERIES  | Single outdoor units | ● | ● | ●  | ●  | ●  | ●  | ●  | ●  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|               | Double outdoor units |   |   |    | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |    |    |    |    |    |    |    |    |  |
|               | Triple outdoor units |   |   |    |    |    |    |    | ●  | ●  |    |    |    |    |    |    |    |    |    |    | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |  |

|                    |       |  |           |            |                 |            |            |            |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |             |                                 |             |                                   |             |   |              |             |             |                                     |      |  |  |
|--------------------|-------|---|-----------|------------|-----------------|------------|------------|------------|------------|--|--|--|--|--|--|--|--|---|--|--|--|---|--|--|--|---|--|--|--|---|-------------|---------------------------------|-------------|-----------------------------------|-------------|---|--------------|-------------|-------------|-------------------------------------|------|--|--|
| MODEL              |       | RXUQ6AY14   | RXUQ8AY14 | RXUQ10AY14 | RXUQ12AY14      | RXUQ14AY14 | RXUQ16AY14 | RXUQ18AY14 | RXUQ20AY14 |  |  |  |  |  |  |  |  |   |  |  |  |   |  |  |  |   |  |  |  |   | RXUQ12AMY14 | RXUQ14AMY14                     | RXUQ16AMY14 | RXUQ18AMY14                       | RXUQ20AMY14 | RXUQ18AM1Y14                                    | RXUQ20AM1Y14 | RXUQ22AMY14 | RXUQ24AMY14 | RXUQ26AMY14                         |      |  |  |
| Combination units  |       | —   | —         | —          | —               | —          | —          | —          | —          |  |  |  |  |  |  |  |  |   |  |  |  |   |  |  |  |   |  |  |  |   | RXUQ6AY14   | RXUQ6AY14                       | RXUQ8AY14   | RXUQ8AY14                         | RXUQ8AY14   | RXUQ6AY14                                       | RXUQ6AY14    | RXUQ10AY14  | RXUQ12AY14  | RXUQ12AY14                          |      |  |  |
| Power supply       |       | 3-phase 4-wire system, 380-415 V, 50 Hz   |           |            |                 |            |            |            |            | 3-phase 4-wire system, 380-415 V, 50 Hz  |  |  |  |  |  |  |  | 3-phase 4-wire system, 380-415 V, 50 Hz   |  |  |  | 3-phase 4-wire system, 380-415 V, 50 Hz   |  |  |  |   |  |  |  |   |             |                                 |             |                                   |             |   |              |             |             |                                     |      |  |  |
| Cooling capacity   | Btu/h | 54,600  | 76,400    | 95,500     | 114,000         | 136,000    | 154,000    | 171,000    | 191,000    |  |  |  |  |  |  |  |  |   |  |  |  |   |  |  |  |   |  |  |  |   | 109,000     | 131,000                         | 153,000     | 172,000                           | 191,000     | 164,000   | 186,000      | 210,000     | 229,000     | 251,000                             |      |  |  |
|                    | kW    | 16.0  | 22.4      | 28.0       | 33.5            | 40.0       | 45.0       | 50.0       | 56.0       |  |  |  |  |  |  |  |  |   |  |  |  |   |  |  |  |   |  |  |  |   |             | 32.0                            | 38.4        | 44.8                              | 50.4        | 55.9  | 48.0         | 54.4        | 61.5        | 67.0                                | 73.5 |  |  |
| Power consumption  | kW    | 3.23  | 4.82      | 6.29       | 7.81            | 9.46       | 11.4       | 12.8       | 14.8       |  |  |  |  |  |  |  |  |   |  |  |  |   |  |  |  |   |  |  |  |   |             | 6.46                            | 8.05        | 9.64                              | 11.1        | 12.6  | 9.69         | 11.3        | 14.1        | 15.6                                | 17.3 |  |  |
| Capacity control   | %     | 23-100  | 19-100    | 13-100     | 12-100          | 11-100     | 9-100      |            | 7-100      |  |  |  |  |  |  |  |  |   |  |  |  |   |  |  |  |   |  |  |  |   | 11-100      | 10-100                          | 9-100       | 8-100                             | 7-100       | 8-100   | 7-100        | 6-100       |             |                                     |      |  |  |
| Dimensions (HxWxD) | mm    | 1,657x930x765   |           |            | 1,657x1,240x765 |            |            |            |            |  |  |  |  |  |  |  |  |   |  |  |  |   |  |  |  |   |  |  |  |   |             | (1,657x930x765)+(1,657x930x765) |             | (1,657x930x765)+(1,657x1,240x765) |             | (1,657x930x765)+(1,657x930x765)+(1,657x930x765) |              |             |             | (1,657x1,240x765)+(1,657x1,240x765) |      |  |  |
| Machine weight     | kg    | 185   |           | 215        |                 | 275        |            | 291        |            |  |  |  |  |  |  |  |  |   |  |  |  |   |  |  |  |   |  |  |  |   | 185+185     |                                 | 185+215     |                                   | 185+185+185 |   |              | 215+215     |             | 215+275                             |      |  |  |
| Sound level        | dB(A) | 54  | 56        |            | 58              | 59         |            | 62         | 65         |  |  |  |  |  |  |  |  |   |  |  |  |   |  |  |  |   |  |  |  |   | 57          | 58                              | 59          |                                   | 60          | 59  | 60           |             | 61          | 62                                  |      |  |  |

|                    |       |  |             |             |             |             |             |             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |             |   |             |   |             |             |             |             |             |             |            |  |  |
|--------------------|-------|---|-------------|-------------|-------------|-------------|-------------|-------------|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------------|---|-------------|---|-------------|-------------|-------------|-------------|-------------|-------------|------------|--|--|
| MODEL              |       | RXUQ28AMY14   | RXUQ30AMY14 | RXUQ32AMY14 | RXUQ34AMY14 | RXUQ36AMY14 | RXUQ38AMY14 | RXUQ40AMY14 |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | RXUQ42AMY14 | RXUQ44AMY14   | RXUQ46AMY14 | RXUQ48AMY14   | RXUQ50AMY14 | RXUQ52AMY14 | RXUQ54AMY14 | RXUQ56AMY14 | RXUQ58AMY14 | RXUQ60AMY14 |            |  |  |
| Combination units  |       | RXUQ12AY14  | RXUQ12AY14  | RXUQ12AY14  | RXUQ14AY14  | RXUQ16AY14  | RXUQ18AY14  | RXUQ20AY14  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |             | RXUQ12AY14  | RXUQ12AY14  | RXUQ12AY14  | RXUQ12AY14  | RXUQ12AY14  | RXUQ12AY14  | RXUQ14AY14  | RXUQ16AY14  | RXUQ18AY14  | RXUQ20AY14 |  |  |
| Power supply       |       | 3-phase 4-wire system, 380-415 V, 50 Hz   |             |             |             |             |             |             |  | 3-phase 4-wire system, 380-415 V, 50 Hz   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |             |   |             |   |             |             |             |             |             |             |            |  |  |
| Cooling capacity   | Btu/h | 268,000   | 285,000     | 305,000     | 328,000     | 345,000     | 362,000     | 382,000     |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 399,000     | 420,000   | 444,000     | 461,000   | 478,000     | 498,000     | 519,000     | 536,000     | 553,000     | 573,000     |            |  |  |
|                    | kW    | 78.5  | 83.5        | 89.5        | 96.0        | 101         | 106         | 112         |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |             | 117   | 123         | 130   | 135         | 140         | 146         | 152         | 157         | 162         | 168        |  |  |
| Power consumption  | kW    | 19.2  | 20.6        | 22.6        | 24.3        | 26.2        | 27.6        | 29.6        |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |             | 28.4  | 30.4        | 32.1  | 34.0        | 35.4        | 37.4        | 39.1        | 41.0        | 42.4        | 44.4       |  |  |
| Capacity control   | %     | 5-100   |             |             | 4-100       |             |             |             |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |             | 4-100   | 3-100       |   |             |             |             |             |             | 2-100       |            |  |  |
| Dimensions (HxWxD) | mm    | (1,657x1,240x765)+(1,657x1,240x765)   |             |             |             |             |             |             |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |             | (1,657x1,240x765)+(1,657x1,240x765)+(1,657x1,240x765) |             | (1,657x1,240x765)+(1,657x1,240x765)+(1,657x1,240x765) |             |             |             |             |             |             |            |  |  |
| Machine weight     | kg    | 215+275   |             | 215+291     |             | 275+291     |             | 291+291     |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |             | 215+215+291   |             | 215+275+291   |             | 215+291+291 |             | 275+291+291 |             | 291+291+291 |            |  |  |
| Sound level        | dB(A) | 62  | 63          | 66          |             | 67          |             | 68          |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |             | 65  | 66          | 67  |             | 68          | 68          | 69          |             | 70          |            |  |  |

Note: Specifications are based on the following conditions:  
 •Cooling: Indoor temp.: 27°DB, 19°WB, Outdoor temp.: 35°DB, Equivalent piping length: 7.5 m, Level difference: 0 m.  
 •Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.  
 During actual operation, these values are normally somewhat higher as a result of ambient conditions and oil recovery mode.  
 When there is concern for noise to the surrounding area such as residences, we recommend investigating the installation location and taking soundproofing measures.

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

**New FXCQ-AVM4**



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



Ceiling Mounted Cassette Corner Type

**FXKQ-MAVE4**



Slim design for flexible installation

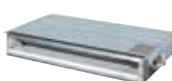


Slim Ceiling Mounted Duct Type (Standard Series)

**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.

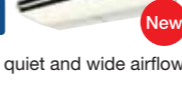


Ceiling Suspended Type

**FXHQ-MAV7**



**FXHQ-AVM4**



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.



Clean Room Air Conditioner

**FXBQ-PVE4**



**FXBPQ-PVE4**

Suitable for hospitals and other clean spaces



Air Handling Unit

**AHUR**



Integrate your air handling unit in a total solution for large size spaces such as factories and large stores.



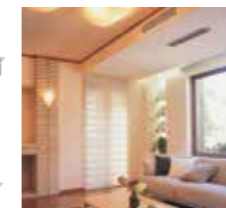
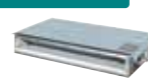
## Residential indoor units with connection to BP units

Slim Ceiling Mounted Duct Type

**FDKS-EVMB4**



**FDKS-CVMB4**



Slim and smooth design suits your shallow ceiling

Wall Mounted Type

**FTKJ-NVM4W**



**FTKJ-NVM4S**



Elegant appearance with European style

Wall Mounted Type

**FTKS-DVM4**



**FTKS-FVM4**



Stylish flat panel harmonises with your interior décor

## Air treatment equipment

Heat Reclaim Ventilator

**VAM-GJ**

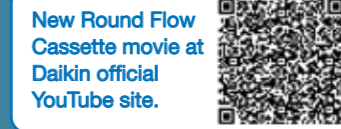


PM2.5 filtration unit

**BAF**

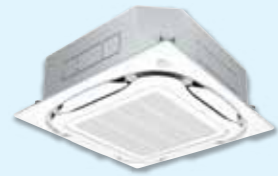






### Ceiling Mounted Cassette (Round Flow with Sensing) Type

**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)



## 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 |    |
|                           | kW                                     | 0.028              | 0.035            | 0.038              | 0.061              | 0.092            | 0.144          | 0.170              | 0.194              |        |    |
| Power consumption         | 0.028                                  |                    |                  |                    |                    |                  |                |                    |                    |        |    |
| 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 (HxWxD)        | mm                                     | 256x840x840        |                  |                    |                    |                  |                | 298x840x840        |                    |        |    |
| 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 (HxWxD)        | mm                                     | 256x840x840        |                  |                      |                    |                      |                    | 298x840x840        |                    |        |
| 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          | 30/25-32/26 |            | 32/26-34/28 | 36/28-37/29 | 41/33-42/35 |
| Dimensions (HxWxD) | mm                                 | 286x575x575 |            |             |             |             |
| 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 (HxWxD) | mm                                 | 305x775x620 | 305x775x620 | 305x775x620 | 305x990x620 | 305x990x620 | 305x1,175x620 | 305x1,445x620 | 305x1,445x620 |       |
| 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                              | 38/33         |             | 40/34       | 42/37         |
|                    | 240 V                              | 40/35         |             | 42/36       | 44/39         |
| Dimensions (HxWxD) | 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.

## 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                | kW                                 | 0.086        | 0.086        | 0.089        | 0.160        | 0.165        | 0.181         |
| Power consumption (FXDQ-PDVE) *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 (HxWxD)               | mm                                 | 200x700x620  | 200x700x620  | 200x700x620  | 200x900x620  | 200x900x620  | 200x1,100x620 |
| 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        |
| Power consumption *1     | kW           | 0.072                     | 0.075       | 0.078        | 0.180          | 0.196         |
| Airflow rate (HH/H/L)    | m³/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 |               |
|                          | cfm          | 307/268/229               | 318/282/247 | 353/318/282  | 530/459/371    |               |
| 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 (HxWxD)       | mm           | 200x700x450               |             |              | 200x900x450    | 200x1,100x450 |
| 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". (Factory setting 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         |
| Power consumption        | kW                                 | 0.056*1       | 0.056*1     | 0.060*1       | 0.151*1        |
| Airflow rate (HH/H/L)    | m³/min                             | 9/7.5/6.5     | 9/7.5/6.5   | 9.5/8/7       | 16/13/11       |
|                          | cfm                                | 318/265/230   | 318/265/230 | 335/282/247   | 565/459/388    |
| External static pressure | Pa                                 | 30-100 (50)*2 |             | 30-100 (50)*2 | 30-160 (100)*2 |
| Sound level (HH/H/L)     | dB(A)                              | 33/31/29      |             | 34/32/30      | 39/37/35       |
| Dimensions (HxWxD)       | mm                                 | 300x550x700   |             | 300x550x700   | 300x700x700    |
| Machine weight           | kg                                 | 25            |             | 25            | 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          |
| Power consumption        | kW                                 | 0.138*1        | 0.185*1     | 0.215*1        | 0.284*1         |
| Airflow rate (HH/H/L)    | m³/min                             | 19.5/17.5/16   | 25/22.5/20  | 32/27/23       | 39/33/28        |
|                          | cfm                                | 688/618/565    | 883/794/706 | 1,130/953/812  | 1,377/1,165/988 |
| External static pressure | Pa                                 | 50-200 (100)*2 |             | 50-200 (100)*2 | 50-200 (100)*2  |
| Sound level (HH/H/L)     | dB(A)                              | 42/40/38       |             | 43/41/39       | 44/42/40        |
| Dimensions (HxWxD)       | mm                                 | 300x1,000x700  |             | 300x1,000x700  | 300x1,400x700   |
| Machine weight           | kg                                 | 35             |             | 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



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          |
| Power consumption        | kW                                 | 1.294*1         | 1.465*1     | 0.55*1          |
| Airflow rate (H/L)       | m³/min                             | 58/50           | 72/62       | 61/50           |
|                          | cfm                                | 2,047/1,765     | 2,542/2,189 | 2,153/1,765     |
| External static pressure | Pa                                 | 132-221*2       |             | 191-270*2       |
| * Sound level (H/L)      | 220 V                              | 48/45           |             | 38/35           |
|                          | 240 V                              | 49/46           |             | 40/37           |
| Dimensions (HxWxD)       | mm                                 | 470x1,380x1,100 |             | 470x1,490x1,100 |
| Machine weight           | kg                                 | 137             |             | 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".



## 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 <sup>3</sup> /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                     |             |             |              |               |
| Sound level (H/M/L)      | dB(A)               | 33/30/28                           |             | 34/32/30    | 36/33/30     | 34/32/29      |
| Dimensions (HxWxD)       | mm                  | 245x550x800                        |             | 245x700x800 |              | 245x1,000x800 |
| 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 <sup>3</sup> /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                     |             |               |                 |                 |
| 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 (HxWxD)       | mm                  | 245x1,000x800                      |             | 245x1,400x800 |                 | 245x1,550x800   |
| 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.

## 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 <sup>3</sup> /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 (HxWxD) | mm                  | 195x960x680                        | 195x1,160x680 | 195x1,400x680 | 235x1,590x690 | 235x1,590x690 |
| 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.

## 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   |                 |                 |                 |                 |                 |
| Airflow rate (H/L) | m <sup>3</sup> /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 (HxWxD) | mm                  | 290x795x266   |                 |                 | 290x1,050x269   |                 |                 |
| 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.

## 4-way Flow Ceiling Suspended Type

FXUQ-A

This slim and stylish indoor unit achieves optimum air distribution, and can be installed without the need for ceiling cavity.



### Specifications

| MODEL                |                     | FXUQ71AVEB                             | FXUQ100AVEB   |
|----------------------|---------------------|--|---------------|
| Power supply         |                     | 1-phase, 220-240 V/220-230 V, 50/60 Hz |               |
| Cooling capacity     | Btu/h               | 27,300                                 | 38,200        |
| Power consumption    | kW                  | 0.090                                  | 0.200         |
| Airflow rate (H/M/L) | m <sup>3</sup> /min | 22.5/19.5/16                           | 31/26/21      |
|                      | cfm                 | 794/688/565                            | 1,094/918/741 |
| Sound level (H/M/L)  | dB(A)               | 40/38/36                               | 47/44/40      |
| Dimensions (HxWxD)   | mm                  | 198x950x950                            |               |
| Machine weight       | kg                  | 26                                     | 27            |

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: (FXUQ-A) 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  
 \*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".



## 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 <sup>3</sup> /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               | 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.

## Floor Standing Duct Type

FXVQ-N

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



### Specifications

| MODEL                       |              | FXVQ125NY14                             | FXVQ200NY14   | FXVQ250NY14     | FXVQ400NY14     | FXVQ500NY14     |       |
|-----------------------------|--------------|---|---------------|-----------------|-----------------|-----------------|-------|
| Power supply                |              | 3-phase 4-wire system, 380-415 V, 50 Hz |               |                 |                 |                 |       |
| Cooling capacity            | Btu/h        | 47,800                                  | 76,400        | 95,500          | 154,000         | 191,000         |       |
|                             |              | 0.53                                    | 1.33          | 1.61            | 3.97            | 2.62            |       |
| Dimensions (H×W×D)          | mm           | 1,670×750×510                           | 1,670×950×510 | 1,670×1,170×510 | 1,900×1,170×720 | 1,900×1,470×720 |       |
| Machine weight              | kg           | 118                                     | 144           | 169             | 236             | 281             |       |
| Sound level *1              | dB(A)        | 52                                      | 56            | 60              | 65              | 62              |       |
| Air filter                  | Type         | Long-life filter (anti-mould resin net) |               |                 |                 |                 |       |
| Fan                         | Motor output | 0.75                                    |               | 1.5             |                 | 3.7             |       |
|                             | Airflow rate | m <sup>3</sup> /min                     | 43            | 69              | 86              | 134             | 165   |
|                             |              | cfm                                     | 1,518         | 2,436           | 3,036           | 4,730           | 5,825 |
| External static pressure *2 | Pa           | 152                                     | 217           | 281             | 420             | 142             |       |

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 <sup>3</sup> /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               | 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.

## Clean Room Air Conditioner

FXB(P)Q-P

Suitable for hospitals and  
other clean spaces



### Specifications

| Type                             |                     | Integrated outlet unit model       |           |                 | Separate outlet unit model |
|----------------------------------|---------------------|------------------------------------|-----------|-----------------|----------------------------|
| MODEL                            | Indoor unit         | FXBQ40PVE                          | FXBQ50PVE | FXBQ63PVE       | FXBPQ63PVE                 |
|                                  | Outlet unit         | Integrated with the indoor unit    |           |                 | BAF82A63                   |
| Power supply                     |                     | 1-phase, 220-240 V/220 V, 50/60 Hz |           |                 |                            |
| Cooling capacity                 | Btu/h               | 15,400                             | 19,100    | 24,200          | 24,200                     |
| Power consumption                | kW                  | 0.31                               | 0.31      | 0.45            | 0.45                       |
| Intake filter efficiency *1      |                     | 70% by gravimetric method          |           |                 |                            |
| Outlet HEPA filter efficiency *2 |                     | 99.97% by DOP method *5            |           |                 |                            |
| Indoor unit weight               | kg                  | 140 *3                             |           | 185 *3          | 120 *6                     |
| Casing                           |                     | Galvanised steel plate             |           |                 |                            |
| Airflow rate (H/L)               | m <sup>3</sup> /min | 19.5/17.5                          |           | 26/22.5         |                            |
|                                  | cfm                 | 688/618                            |           | 918/794         |                            |
| Sound level (H/L) *4             | dB(A)               | 44/42                              |           |                 |                            |
| Dimensions (H×W×D)               | mm                  | 492×1,788×1,000                    |           | 492×1,788×1,300 | 492×1,078×1,300            |
| Outlet unit weight               | kg                  | -                                  |           |                 | 65 *3                      |

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: An intake air filter is only attached to the ceiling intake type.

\*2: HEPA filter sold separately. The dust collection efficiency of HEPA filter is 99.97%. However, air may slightly leak around the filter when installing.

\*3: Weight including HEPA filter and panel.

\*4: Anechoic chamber conversion value under JIS B 8616 test conditions. Value usually increases slightly in practice due to surrounding conditions.

\*5: The clean room air conditioner does not support DOP testing (leak test) based on GMP standards (Standards for Manufacturing Control and Quality Control for Medical Devices) due to slight leakage at time of product installation.

\*6: Weight including panel.

\*In the case of an installation in an operating theatre etc. where an air conditioner malfunction may have serious consequences, please build in redundancy with two or more outdoor units.



# Indoor Unit Lineup

## Slim Ceiling Mounted Duct Type

FDKS-EA/C

Slim and smooth design suits your shallow ceiling



Standard accessory  
Note: Remote controllers other than the standard accessory wireless remote controller cannot be used.

### Specifications

| MODEL                    | FDKS25EAVMB                            | FDKS35EAVMB | FDKS25CAVMB | FDKS35CAVMB | FDKS50CVMB    | FDKS60CVMB |
|--------------------------|--|-------------|-------------|-------------|---------------|------------|
| Power supply             | 1-phase, 220-240 V/220-230 V, 50/60 Hz |             |             |             |               |            |
| Airflow rates (H)        | 8.7 (307)                              |             | 9.5 (335)   |             | 10.0 (353)    |            |
| Sound levels (H/L/SL)*   | 35/31/29                               |             | 37/33/31    |             | 38/34/32      |            |
| Fan speed                | 5 steps, quiet and automatic           |             |             |             |               |            |
| Temperature control      | Microcomputer control                  |             |             |             |               |            |
| Dimensions (H×W×D)       | 200×700×620                            |             | 200×900×620 |             | 200×1,100×620 |            |
| Machine weight           | 21                                     |             | 25          |             | 27            |            |
| External static pressure | 30                                     |             | 40          |             | 40            |            |

Note: \* The operation sound level values represent those for rear-suction operation and an external static pressure of 30 Pa for FDKS-EA and 40 Pa for FDKS-C. Sound level values for bottom-suction operation can be obtained by adding 6 dB (A) for FDKS-EA and 5 dB (A) for FDKS-C.

# Residential indoor Units with connection to BP units

## Wall Mounted Type

FTKS-D/B/F

Stylish flat panel harmonises with your interior décor



FTKS25D / FTKS35D



Standard accessory\*



FTKS60F / FTKS71F



Standard accessory\*

\* Remote controllers other than the standard accessory wireless remote controller cannot be used.

### Specifications

| MODEL                 | FTKS25DVM                              | FTKS35DVM | FTKS60FVM     | FTKS71FVM |
|-----------------------|--|-----------|---------------|-----------|
| Power supply          | 1-phase, 220-240 V/220-230 V, 50/60 Hz |           |               |           |
| Front panel colour    | White                                  |           |               |           |
| Airflow rates (H)     | 8.7 (307)                              |           | 8.9 (314)     |           |
| Sound levels (H/L/SL) | 37/25/22                               |           | 39/26/23      |           |
| Fan speed             | 5 steps, quiet and automatic           |           |               |           |
| Dimensions (H×W×D)    | 283×800×195                            |           | 290×1,050×238 |           |
| Machine weight        | 9                                      |           | 12            |           |

## Wall Mounted Type

FTKJ-N

Elegant appearance with European style



Standard accessory



### Specifications

| MODEL                 | FTKJ25NVMW                             | FTKJ25NVMS | FTKJ35NVMW | FTKJ35NVMS | FTKJ50NVMW | FTKJ50NVMS |
|-----------------------|--|------------|------------|------------|------------|------------|
| Power supply          | 1-phase, 220-240 V/220-230 V, 50/60 Hz |            |            |            |            |            |
| Front panel colour    | White                                  |            | Silver     |            | White      |            |
| Airflow rates (H)     | 8.9 (313)                              |            | 10.9 (385) |            | 10.9 (385) |            |
| Sound levels (H/L/SL) | 38/25/19                               |            | 45/26/20   |            | 46/35/29   |            |
| Fan speed             | 5 steps, quiet and automatic           |            |            |            |            |            |
| Dimensions (H×W×D)    | 303×998×212                            |            |            |            |            |            |
| Machine weight        | 12                                     |            |            |            |            |            |

## BP Units for Connection to Residential Indoor Units

### Specifications



BPMKS967A3



BPMKS967A2

| MODEL   | BPMKS967A3  | BPMKS967A2  |    |         |         |
|---|---|---|----|---------|---------|
| Power supply                                    | 1-phase, 220-240 V/220-230 V, 50/60 Hz  |   |    |         |         |
| Number of ports                                 | 3 (connectable to 1-3 indoor units)   | 2 (connectable to 1-2 indoor units)   |    |         |         |
| Power consumption                               | 10 W  |   |    |         |         |
| Running current                                 | 0.05 A  |   |    |         |         |
| Dimensions (H×W×D)                              | 180×294 (+356*)×350   |   |    |         |         |
| Machine weight                                  | 8 kg  | 7.5 kg  |    |         |         |
| Number of wiring connections                    | 3 for power supply (including earth wiring), 2 for interunit wiring (outdoor unit-BP, BP-BP), 4 for interunit wiring (BP-indoor unit) | 2 for power supply (including earth wiring), 2 for interunit wiring (outdoor unit-BP, BP-BP), 3 for interunit wiring (BP-indoor unit) |    |         |         |
| Piping connections (Brazing)                    | Liquid  | Main  | mm | Ø9.5X1  |         |
|   |   | Branch  | mm | Ø6.4X3  | Ø6.4X2  |
|   | Gas   | Main  | mm | Ø19.1X1 |         |
|   |   | Branch  | mm | Ø15.9X3 | Ø15.9X2 |
| Heat insulation                                 | Both liquid and gas pipes   |   |    |         |         |
| Connectable indoor units                        | 2.0 kW class to 7.1 kW class  |   |    |         |         |
| Min. rated capacity of connectable indoor units | 2.0 kW  |   |    |         |         |
| Max. rated capacity of connectable indoor units | 20.8 kW   | 14.2 kW   |    |         |         |

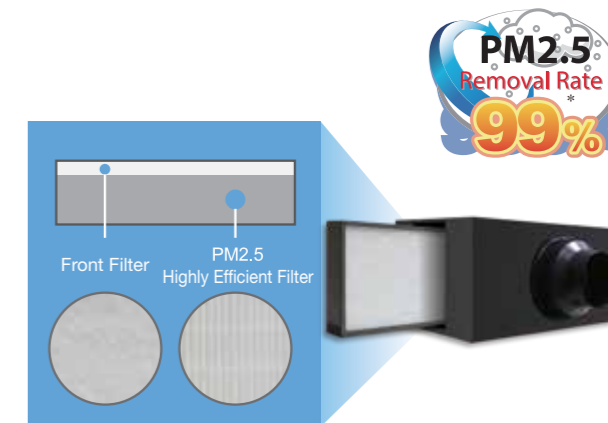
Note: \* Total auxiliary piping length.

## 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 Filtration Unit





## Air Handling Unit

Integrate your air handling unit in a total solution for large size spaces such as factories and large stores.

**AHUR**  
Capacity range : 6 – 120 HP



- Easy design and installation
  - The system is easy to design and install since no additional water systems such as boilers, tanks and gas connections etc are required.
- Inverter controlled units
- Control of air temperature via standard Daikin wired remote control for standard series

## 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                 |                                 |                             |                          | 150 m <sup>3</sup> /h        |             |
|                              |                                 |                             |                          | 250 m <sup>3</sup> /h        |             |
|                              |                                 |                             |                          | 350 m <sup>3</sup> /h        |             |
|                              |                                 |                             |                          | 500 m <sup>3</sup> /h        |             |
|                              |                                 |                             |                          | 650 m <sup>3</sup> /h        |             |
|                              |                                 |                             |                          | 800 m <sup>3</sup> /h        |             |
|                              |                                 |                             |                          | 1000 m <sup>3</sup> /h       |             |
|                              |                                 | 1080 m <sup>3</sup> /h      | 1500 m <sup>3</sup> /h   |                              |             |
|                              |                                 | 1680 m <sup>3</sup> /h      | 2000 m <sup>3</sup> /h   |                              |             |
|                              |                                 | 2100 m <sup>3</sup> /h      |                          |                              |             |

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

## Individual Control Systems For Vrv Systems

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



New BRC1E63

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.



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 FFX(S)Q series)

- 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.
- Shape of signal receiver unit differs according to the indoor unit.

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



Signal receiver unit (Installed type)

- 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.  
\* Refer to page 189 for the name of each model.

### 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.
- The exposed type remote controller is fitted with a thermostat sensor.

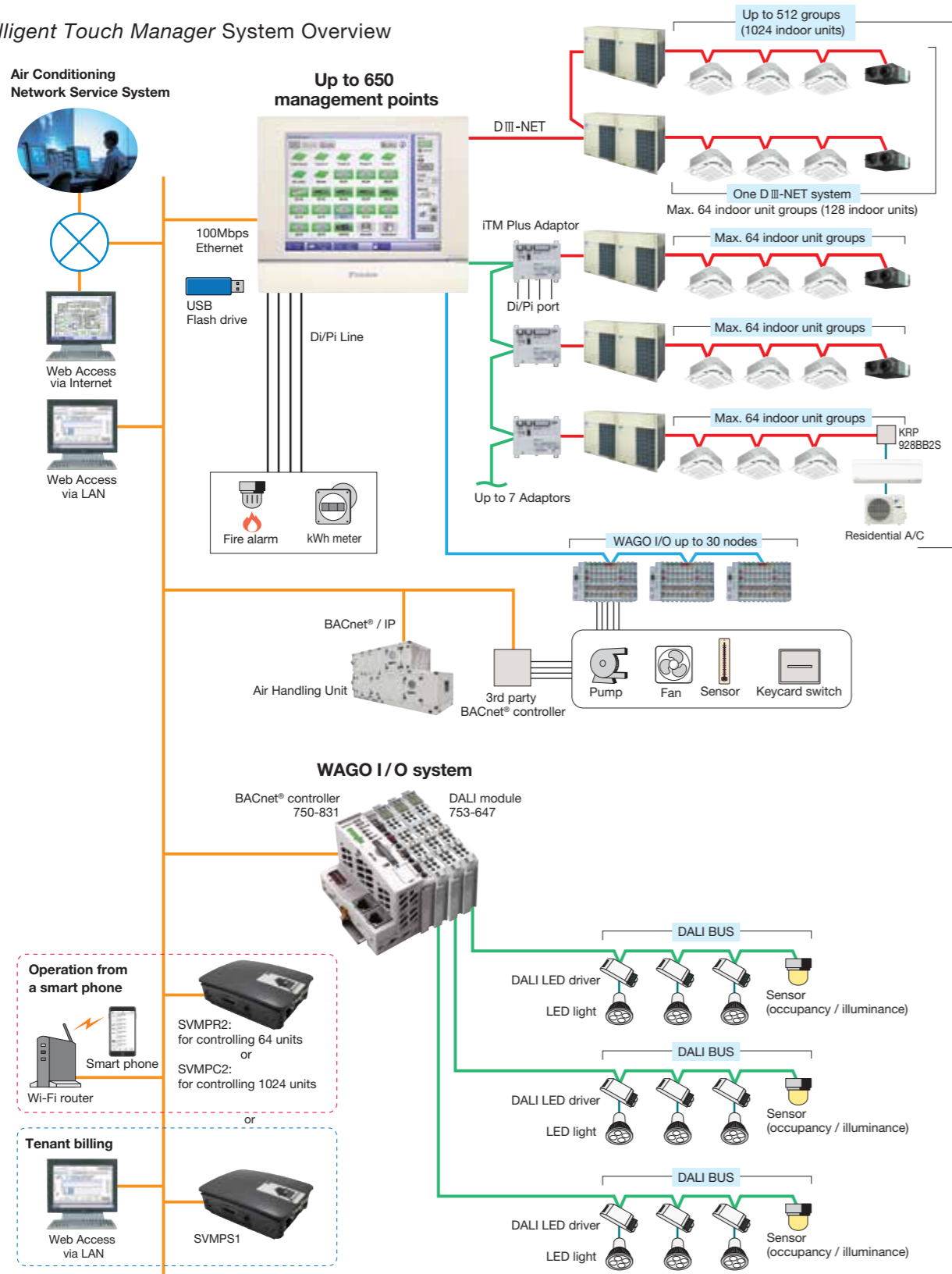
### Wide variation of remote controllers for Vrv indoor units

|  | FFX(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



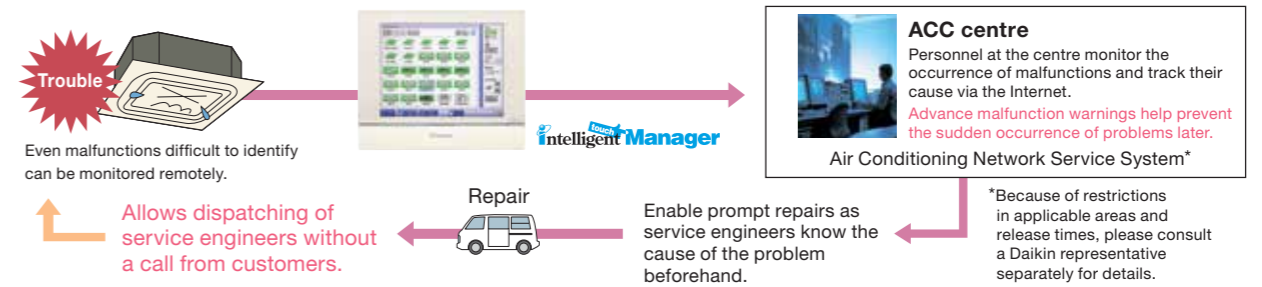
### Air Conditioning Network Service System

#### 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



#### Intelligent 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.

DCS601C51

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

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



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®

Dedicated interfaces make Daikin air conditioners freely compatible with open networks

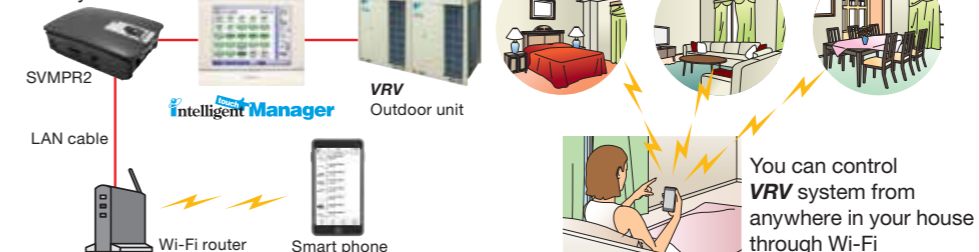
Notes: 1. BACnet® is a registered trademark of American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).  
2. LONWORKS® is a trademark of Echelon Corporation registered in the United States and other countries.

### Smart phone will be a remote controller of VRV system (Option)

#### For house VRV Smart Phone Control System

Up to 64 indoor units can be controlled.

Just add SVMPPR2 to this system



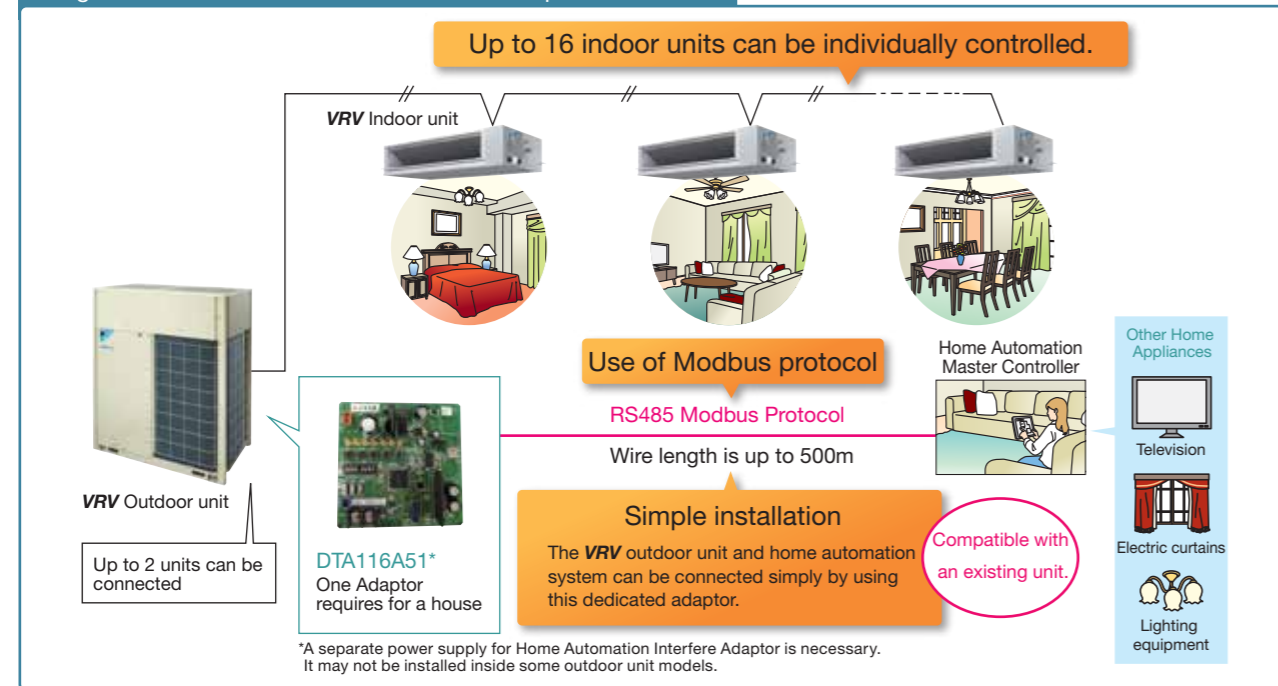


## Advanced Control Systems for VRV System

### Home Automation Interface Adaptor

The VRV system can be operated from the home automation system.

Image to use Home Automation Interface Adaptor DTA116A51

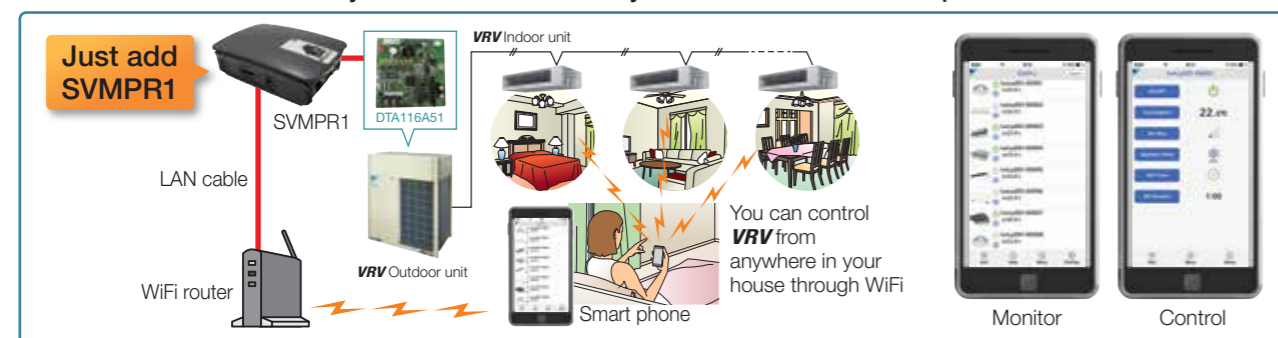


### Functions

| Monitor              |   | Control                            |   |
|----------------------|---|------------------------------------|---|
| On/Off               | On/Off status of indoor units                                       | On/Off                             | On/Off control of indoor units  |
| Operation mode       | Cooling, Heating, Fan, Dry, Auto (depend on indoor unit capability) | Operation mode                     | Cooling, Heating, Fan, Dry, Auto (depend on indoor unit capability)                         |
| Setpoint             | Setpoint of indoor units  | Setpoint                           | Cooling/Heating setpoint  |
| Room temperature     | Suction temperature of indoor units                                 | Fan direction                      | Swing, Stop, Flap direction (depend on indoor unit capability)                              |
| Fan direction        | Swing, Flap direction (depend on indoor unit capability)            | Fan volume                         | L, M, H (depend on indoor unit capability)  |
| Fan volume           | L, M, H (depend on indoor unit capability)                          | Filter sign reset                  | Reset filter sign of indoor units   |
| Forced off status    | Forced off status of indoor units                                   | <b>Retrieve system information</b> |   |
| Error                | Malfunction, Warning with Error code                                | Connected indoor units             | DIII-NET address of connected indoor units can be retrieved.                                |
| Filter sign          | Filter sign of indoor units   | Indoor unit capabilities           | Indoor unit capabilities such as operation mode, fan control, setpoint HV can be retrieved. |
| Communication status | Communication normal/error of indoor units                          |                                    |   |

### VRV Smart Phone Control System

VRV Smart Phone Control System can be realized by SVMPR1 which is a new product to utilize DTA116A51.



★Modbus is a registered trademark of Schneider Electric S.A.

### VRV Tablet Controller : SVMPC1

The SVMPC1 is easy to install, and enables monitoring and operation of VRV systems via tablets and smartphones. It is optimal for centralized management of VRV systems in small buildings or on individual floors of a building.

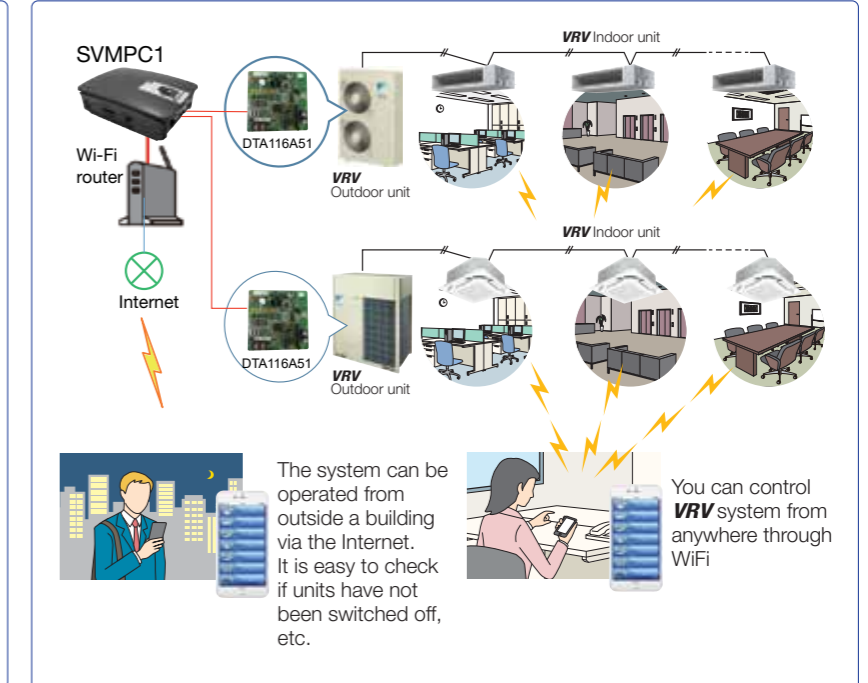
### Simple and easy Smart Control

- SVMPC1 is easy to install. Just add DTA116A51 to outdoor unit and connect it to controller.
- Thanks to user-friendly screen, anyone can operate easily.



- SVMPC1 allows operation of VRV system from anywhere (inside and outside of a premise) through the internet.
- Set point range limitation and setback function achieve energy saving and comfortable air-conditioning.
- Daily air-conditioning operation is automatically done by schedule function with annual calendar.
- Quick notification of malfunction by e-mail to support quick maintenance.

### Up to 32 indoor units can be monitored and controlled.



### Functions

| Category        | Function             | Detail  |
|-----------------|----------------------|---|
| Access security | User login           | User name, password   |
|                 | Device registration  | Registered device (Tablet, Smartphone) can access through the internet                |
| Main screen     | Status monitoring    | On/Off, Setpoint, Operation mode, Fan step, Flap, Error, Error code, Room Temperature |
|                 | Manual operation     | On/Off, Setpoint, Operation mode, Fan step, Flap                                      |
|                 | Automatic control    | Setpoint range limitation*<br>Off timer*<br>Setback operation*<br>Schedule*           |
| System setting  | Language             | English, Spanish, Portuguese, Thai, Vietnam, Simplified Chinese, Traditional Chinese  |
|                 | Password setting     |   |
|                 | User administration* | Add/Modify/Delete user, Set User name, Password, Accessible points                    |
|                 | Point setting*       | Set point name, Select icon   |

\*: only admin user can set

### Specifications

| Category           | Specification               | Detail  |
|--------------------|-----------------------------|---|
| Connectable units  | Number of indoor units      | Max 32 (with additional DTA116A51)  |
|                    | Number of DTA116A51         | Max 2   |
| Connectable device | Number of Tablet/Smartphone | Max 20  |
|                    | Device type                 | iPad, iPhone, Android tablet, Android Phone, Windows Tablet, Windows Phone, Windows PC, Mac |
|                    | Web browser                 | Firefox, Chrome, Safari   |