



EPCE99-09E

General Catalogue 2000



Daikin units comply with the European regulations that guarantee the safety of the product.



Daikin Europe NV is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.



Daikin Europe NV is participating in the EUROVENT Certification Programme. Products are as listed in the EUROVENT Directory of Certified Products.



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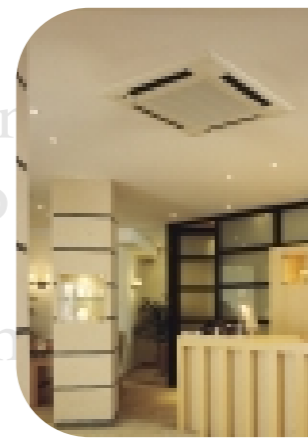
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**DAIKIN EUROPE NV**

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Daikin Air Conditioning Systems



# General

# Catalogue

**AIR CONDITIONING SYSTEMS**

To consult the explanation of the pictogrammes, please open the flap of this catalogue.

**Infrared remote control**

Infrared remote control with LCD to start, stop and regulate the air conditioner from a distance.

**Wired remote control**

Wired remote control to start, stop and regulate the air conditioner from a distance.

**Centralised control**

Centralised control to start, stop and regulate several air conditioners from one central point.

**Auto-swing**

Possibility to select automatic moving of the air discharge louvre, for uniform air flow and temperature distribution.

**Draught prevention**

When starting to warm up or when the thermostat is off, the air discharge direction is set horizontally and the fan to low speed, to prevent draught. After warming up, air discharge and fan speed are set as desired.

**Auto-restart**

The unit restarts automatically at the original settings after power.

**Auto cooling-heating changeover**

Automatically selects cooling or heating mode to achieve the set temperature (heat pump types only).

**Dry programme**

Allows humidity levels to be reduced without variations in room temperature.

**Fan only**

The air conditioner can be used as fan, blowing air without cooling or heating.

**Auto fan speed**

Automatically selects the necessary fan speed to reach or maintain the set temperature.

**Fan speed steps**

Allows to select up to the given number of fan speed.

**Timer**

Allows to preset the air conditioner to start/stop at a specified time.

**24 Hour timer**

Timer can be set to start cooling/heating anytime during a 24-hours period.

**Night set mode**

Saves energy, by preventing overcooling or overheating during night time.

**Ceiling soiling prevention**

A special function prevents air blowing out too long in horizontal position, to prevent ceiling stains.

**Self-diagnosis**

Simplifies maintenance by indicating system faults or operating anomalies.

**Scroll compressor**

Silent, reliable Daikin compressor used in medium sized outdoor units.

**Energy efficiency**

Daikin air conditioners are energy efficient and economical.

**Whisper quiet**

Daikin indoor units are whisper quiet. Also the outdoor units are guaranteed not to disturb the quiet of the neighbourhood.

**Double thermostat function**

Controls the temperature via a sensor on the air conditioner or via a sensor on the remote control.

**Air filter**

Removes airborne dust particles to ensure a steady supply of clean air.

**Air purification filter**

Removes airborne dust particles and prevents the propagation of bacteria and viruses to ensure a steady supply of clean air.

**Drain pump kit**

Facilitates condensation draining from the indoor unit.

**Twin/triple/double twin application**

2, 3 or 4 indoor units can be connected to only 1 outdoor unit even if they have different capacities. All indoor units operate within the same mode (cooling or heating) from one remote control.

**Multi model application**

Up to 5 indoor units (even different capacities) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.

**Powerful mode**

If the temperature in the room is too high/low, it can be cooled down/heated quickly by selecting the 'powerful mode'. After the powerful mode is turned off, the unit returns to the preset mode.

**Movement sensor**

The sensor detects whether someone is in the room. When the room is empty, the unit switches to economy mode after 20 minutes and restarts when a person enters the room.

**Comfortable sleeping mode**

Increased comfort function that follows a specific temperature fluctuation rhythm.



## Power supply

T1 = 3~, 220V, 50Hz    W1 = 3N~, 400V, 50Hz  
 V1 = 1~, 230V, 50Hz    Y1 = 3~, 400V, 50Hz  
 VE = 1~, 230V, 50Hz

## Measuring conditions

### COOLING ONLY

1) nominal cooling capacities are based on:

|                           |  |
|---------------------------|--|
| indoor temperature        | 27°CDB/19°CWB (UAT: 19.5°CWB/FWHC: 19.4°CWB) |
| outdoor temperature       | 35°CDB                                       |
| refrigerant piping length | 7.5m - 8/5m VRV                              |
| level difference          | 0m   |

### HEAT PUMP

1) nominal cooling capacities are based on:

|                           |                                |
|---------------------------|--------------------------------|
| indoor temperature        | 27°CDB/19°CWB (UATY: 19.5°CWB) |
| outdoor temperature       | 35°CDB/24°CWB                  |
| refrigerant piping length | 7.5m - 8/5m VRV                |
| level difference          | 0m                             |

2) nominal heating capacities are based on:

|                           |                              |
|---------------------------|------------------------------|
| indoor temperature        | 20°CDB/12°CWB (UATY: 21°CDB) |
| outdoor temperature       | 7°CDB/6°CWB                  |
| refrigerant piping length | 7.5m - 8/5m VRV              |
| level difference          | 0m                           |

### CHILLERS:

|   |                         |   |
|---|-------------------------|---|
| EUWA-HD(Z) / EUWA*-KA(X) / EUWA*-LZ / EUWAC-FA: | evaporator: 12°C/7°C;   | ambient: 35°C   |
| EUWY-HD:  | evaporator: 12°C/7°C;   | ambient: 35°C   |
|   | condenser: 40°C/45°C;   | ambient: 7°CDB/6°CWB  |
| EUW-KK:   | evaporator: 12°C/7°C;   | condenser: 30°C/35°C (cooling); 40°C/45°C (heating)         |
| EUW(H)-FA/FB:                                   | evaporator: 12.5°C/7°C; | condenser: 29.5°C/35°C (cooling); 39.5°C/45°C (heating)     |
| EUWL*-KK:                                       | evaporator: 12.5°C/7°C; | condensing temperature: 40°C                                |
| Fan coils:                                      | cooling:                | ambient 27°CDB/19°CWB<br>entering water temperature 7°C     |
|   | heating:                | ambient 20°CDB<br>entering water temperature 50°C           |
|   | cooling:                | ambient 26.7°CDB/19°CWB<br>entering water temperature 7.2°C |
|   | heating:                | ambient 20°CDB<br>entering water temperature 60°C           |

The sound pressure level is measured via a microphone at a certain distance from the unit. It is a relative value, depending on the distance and acoustic environment (for measuring conditions: please refer to the technical databooks).

The sound power level is an absolute value indicating the "power" which a sound source generates.

For more detailed information please consult our technical databooks.









## Foreword


### “ MIGHTY OAKS FROM LITTLE ACORNS GROW ”






In 1972, Daikin Industries Ltd, established its European headquarters in Ostend, Belgium in answer to the rapidly growing European demand for high quality air conditioning. Perceived at first, simply as an assembly centre for Japanese manufactured equipment, the nascent plant - occupying a mere 5,000 m<sup>2</sup> - soon evolved into a supply base for a Europe wide distribution network. Since those early years, Daikin Europe has benefited from continuous investment on the part of its parent company and now enjoys a position of pre eminence among the largest and best known names in European air conditioning. The company's record of spectacular growth in both turnover and production capacity is to be envied among engineering manufacturers in general and the air conditioning sector in particular.

Widely recognised as the most advanced air conditioning production facility in Europe, the Ostend plant is responsible for well over 80% of Daikin Europe products and occupies a site approaching 150,000 m<sup>2</sup>.





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# Daikin Europe

## THE PRODUCTS

Daikin Europe designs and produces an extensive range of hi tech air conditioning equipment, including air and water cooled chillers, packaged air conditioners, splits and multi splits, VRV and Sky Air systems for commercial, industrial and residential comfort cooling and process applications. Around 95% of production is exported via the company's distribution network to countries stretching from Scandinavia to Africa.



## DAIKIN QUALITY

Daikin's much envied quality levels, stem quite simply from the close attention paid to design, production and testing procedures as well as post sales support. To this end, every bought in component is carefully selected and rigorously tested to verify its contribution to product quality and reliability.



## DAIKIN AND THE ENVIRONMENT

Some years ago, Daikin launched the very first optimised HFC R-134a chiller into Europe and has since built on this early success with a complete range of air cooled units. The company has also introduced new VRV systems, chillers and split systems, operating with HFC R-407C refrigerant, further indications that Daikin's unique position as the world's only manufacturer of both air conditioning equipment and refrigerant gases, will contribute to a successful outcome in the near future.



## TRAINING

The continual application of leading edge technology to air conditioning has considerable bearing on the likely future shape and direction of the European market and only a thorough understanding of new generation Daikin products and systems will enable their full commercial potential to be realised. Training has long been accepted as a cornerstone of the company's sales development and customer support programmes and is vital if a broader understanding of the present and future impact of air conditioning is to be achieved.



DAIKIN EUROPE NV - BELGIUM



# 1

## A/C for residential use



STYLISH AND ELEGANT

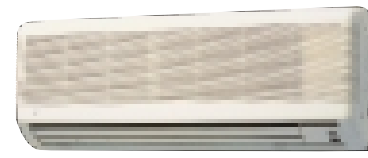
*Daikin residential air conditioning is the modern, economic and efficient way to switch on to springtime - in the living room, dining room, kitchen or bedroom, night and day, throughout the year.*

*Daikin air conditioning units are easy to install, easy to use, ultra reliable, quiet running and come in an elegant and up to date range of wall, floor and ceiling mounted indoor models.*

*Also, the incorporation of inverter control enables Daikin to bring air conditioning technology of the future to the residential market today. Inverter control cuts start up time and energy consumption by almost a third, alters unit output to suit outdoor conditions, improves performance relative to power input, ensures a more even room temperature and eliminates power surges and stop/start cycles.*

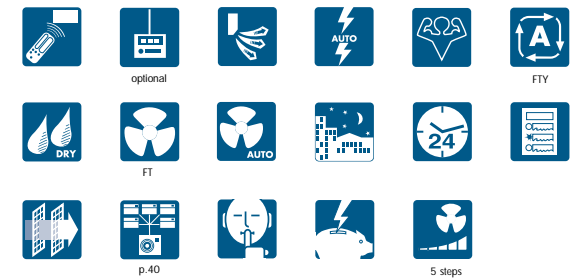


FT(Y)18/25(22)/35G



FT(Y)40G

**WALL MOUNTED UNIT**



**FT(Y)-G**

- lightweight and compact
- efficient and even horizontal and vertical air distribution
- air purification and deodorizing filter
- easily washable front panel



Refrigerant: R-22 • Power supply: V1: 1~, 230V, 50 Hz

| COOLING ONLY         |                         | FT18GV1B    | FT25GV1B | FT35GV1B          | FT40GV1B          | FT45GV1B      | FT60GV1B     |
|----------------------|-------------------------|-------------|----------|-------------------|-------------------|---------------|--------------|
| Cooling capacity     | kW                      | 1.8         | 2.45     | 3.30/3.35         | 4.15              | 5.25          | 6.35         |
| Nominal input        | kW                      | 0.55        | 0.86     | 1.27              | 1.58              | 2.05/2.16     | 2.35         |
| Dimensions           | HxWxD                   | 250x750x180 |          | 298x790x189       |                   | 298x1,050x190 |              |
| Weight               | kg                      | 7           | 7        | 7                 | 9                 | 12            | 12           |
| Air flow rate        | H/L m <sup>3</sup> /min | 7.3/4.7     | 6.6/4.2  | 7.8/5.5           | 8.6/6.0           | 11.8/9.1      | 13.3/10.3    |
| Sound pressure level | H/L dB(A)               | 36/26       | 36/26    | 39/31             | 41/32             | 43/36         | 46/38        |
| Sound power level    | H dB(A)                 | 51          | 51       | 54                | 55                | 58            | 61           |
| Outdoor unit         | see page                | 35          | RE-GA7V1 | RE-GA7V1/R-DC7V11 | RE-GA7V1/R-DC7V11 | RE-GA7V1      | R-DC7V11/W11 |
|                      |                         |             |          |                   |                   | R-FA7V1/W1    |              |

Refrigerant: R-22 • Power supply: V1: 1~, 230V, 50 Hz

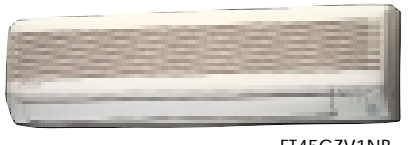
| HEAT PUMP                  |                             | FTY18GV1B   | FTY22GV1B | FTY35GV1B          | FTY40GV1B          | FTY45GV1B     | FTY60GV1B |
|----------------------------|-----------------------------|-------------|-----------|--------------------|--------------------|---------------|-----------|
| Cooling capacity           | kW                          | 1.85        | 2.55/2.40 | 3.50/3.25          | 3.9                | 4.9           | 6.0       |
| Heating capacity           | kW                          | 1.85        | 3.20/2.65 | 4.10/3.60          | 4.7                | 5.55          | 7.15      |
| Nominal input              | cooling kW                  | 0.59        | 1.10/0.86 | 1.44/1.19          | 1.63               | 2.06          | 2.43      |
|                            | heating kW                  | 0.52        | 1.14/0.78 | 1.50/1.22          | 1.62               | 1.90          | 2.4       |
| Dimensions                 | HxWxD                       | 250x750x180 |           | 298x790x189        |                    | 298x1,050x190 |           |
| Weight                     | kg                          | 7           | 7         | 7                  | 9                  | 12            | 12        |
| Air flow rate (H/L)        | cooling m <sup>3</sup> /min | 7.1/4.5     | 6.6/4.2   | 7.8/5.5            | 8.6/6.0            | 11.8/9.5      | 13.3/9.8  |
|                            | heating m <sup>3</sup> /min | 6.6/4.8     | 7.3/4.8   | 8.0/5.9            | 9.7/7.6            | 14.9/10.0     | 15.5/11.1 |
| Sound pressure level (H/L) | cooling dB(A)               | 36/26       | 36/26     | 39/31              | 40/33              | 43/36         | 46/38     |
|                            | heating dB(A)               | 35/26       | 35/26     | 38/30              | 41/33              | 44/34         | 45/34     |
| Sound power level (H)      | dB(A)                       | 51          | 51        | 54                 | 55                 | 58            | 61        |
| Outdoor unit               | see page                    | 36          | REY-GA7V1 | RY-DB7V1/REY-GA7V1 | RY-DA7V1/REY-GA7V1 | REY-GA7V1     | RY-DB7V1  |
|                            |                             |             |           |                    |                    |               | RY-FA7V1  |



**FT-GZ**



FT25-35GZV1NB



FT45GZV1NB

**WALL MOUNTED UNIT**



- optimised for use with R-407C
- swing compressor
- lightweight and compact
- automatic airflow director ensures uniform airflow and temperature distribution
- optimised unit in new and smaller casing
- powerful mode can be selected for rapid cooling
- washable front panel
- energy efficient

Refrigerant: R-407C • Power supply: V1: 1~, 230V, 50 Hz

| COOLING ONLY         |                         | FT25GZV1NB  | FT35GZV1NB | FT45GZV1NB          |
|----------------------|-------------------------|-------------|------------|---------------------|
| Cooling capacity     | kW                      | 2.4         | 3.45       | 5.1                 |
| Nominal input        | kW                      | 0.84        | 1.24       | 2.10 (V11)/2.0(W11) |
| Dimensions           | HxWxD                   | 250x750x180 |            | 298x1,050x190       |
| Weight               | kg                      | 7           | 7          | 12                  |
| Air flow rate        | H/L m <sup>3</sup> /min | 6.6/4.2     | 7.8/5.5    | 11.8/9.1            |
| Sound pressure level | H/L dB(A)               | 36/26       | 39/31      | 43/36               |
| Sound power level    | H dB(A)                 | 51          | 55         | 58                  |
| Outdoor unit         | see page                | 35          | R-GZ7V11   | R-GZ7V11            |
|                      |                         |             |            | R-GZ7V11/W11        |



**INVERTER**  
**WALL MOUNTED  
 INVERTER  
 CONTROLLED UNIT**

New



## FTX/FTK-JA

- consumes 30% less power than non-inverter models
- achieves set temperature more quickly
- diffuser and flexible louvre improves air distribution
- easily washable front panel
- air purification and deodorizing filter
- supersilent operation
- movement sensor:

An infrared sensor on the unit automatically detects the presence of any occupant in the room within 5m. As long as the room remains occupied, the unit functions normally but will switch to economy mode 20 minutes after the occupant leaves. This important new feature prevents energy wastage in empty rooms and cuts power consumption by 30% in heating mode and 20% in cooling mode. Air conditioning will start up again as soon as anybody enters an empty room, establishing all round comfort in virtually no time at all.

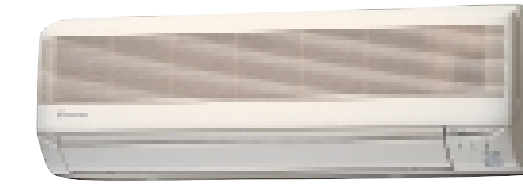
The sensor can be positioned vertically or horizontally, on either the left or right of the unit.

- comfortable sleeping mode

This innovative mode is an increased comfort function that follows a specific temperature fluctuation rhythm. Uninterrupted comfort and peaceful sleep can thus be enjoyed throughout the night. The "Comfortable sleeping mode" is the result of a three-year joint study of the Human Engineering Laboratory of University of Occupational and Environmental Health in Japan.



## FTX/FTK-H



**INVERTER**  
**WALL MOUNTED  
 INVERTER  
 CONTROLLED UNIT**

- consumes 30% less power than non-inverter models
- achieves set temperature more quickly
- the indoor units are equipped with an automatic vertical airflow director
- diffuser and flexible louvre improves air distribution
- easily washable front panel
- air purification and deodorizing filter
- supersilent operation



Refrigerant: R-22 • Power supply: V1: 1~, 230V, 50 Hz

| CO/HP                      | Pair/Multi                  |                    | Pair/Multi         |                    |
|----------------------------|-----------------------------|--------------------|--------------------|--------------------|
|                            | FTK25JAV1NB                 | FTK35JAV1NB        | FTX25JAV1NB        | FTX35JAV1NB        |
| Cooling capacity (1)       | min.-nom.-max kW            | 1.3 ~ 2.5 ~ 3.0    | 1.4 ~ 3.5 ~ 3.8    | 1.3 ~ 2.5 ~ 3.0    |
| Heating capacity (1)       | min.-nom.-max kW            | -                  | -                  | 1.3 ~ 3.4 ~ 4.0    |
| Nominal input (1)          | cooling kW                  | 0.43 ~ 0.94 ~ 1.25 | 0.47 ~ 1.35 ~ 1.72 | 0.35 ~ 0.98 ~ 1.35 |
|                            | heating kW                  | -                  | -                  | 0.35 ~ 1.13 ~ 1.35 |
| Dimensions                 | HxWxD mm                    | 273x784x185        |                    | 273x784x185        |
| Weight                     | kg                          | 7.5                | 7.5                | 7.5                |
| Air flow rate (H/L)        | cooling m <sup>3</sup> /min | 7.1/4.9            | 7.4/4.7            | 7.1/4.6            |
|                            | heating m <sup>3</sup> /min | -                  | -                  | 8.4/5.7            |
| Sound pressure level (H/L) | cooling dBA                 | 38/26              | 39/27              | 38/26              |
|                            | heating dBA                 | -                  | -                  | 38/26              |
| Sound power level (H)      | cooling dBA                 | 54                 | 55                 | 54                 |
|                            | heating dBA                 | -                  | -                  | 54                 |
| Outdoor unit               | see page                    | 37                 | RK-JV1NB           | RK-JV1NB           |

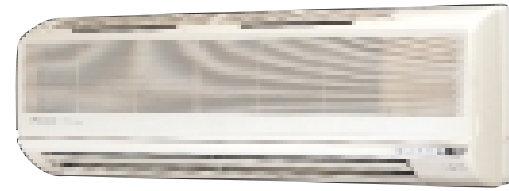
(1) Units should be selected on nominal capacity. Maximum capacity is limited to peak periods.

Refrigerant: R-22 • Power supply: V1: 1~, 230V, 50 Hz

| CO/HP                      | Multi                       |               | Multi                            |                                  |
|----------------------------|-----------------------------|---------------|----------------------------------|----------------------------------|
|                            | FTK50HV1NB                  | FTK60HV1NB    | FTX50HV1NB                       | FTX60HV1NB                       |
| Cooling capacity (1)       | min.-nom.-max kW            | *             | *                                | *                                |
| Heating capacity (1)       | min.-nom.-max kW            | -             | -                                | *                                |
| Nominal input              | cooling kW                  | *             | *                                | *                                |
|                            | heating kW                  | -             | -                                | *                                |
| Dimensions                 | HxWxD mm                    | 298x1,050x190 |                                  | 298x1,050x190                    |
| Weight                     | kg                          | 12            | 12                               | 12                               |
| Air flow rate (H/L)        | cooling m <sup>3</sup> /min | 12.9/9.4      | 14.0/10.3                        | 12.9/9.4                         |
|                            | heating m <sup>3</sup> /min | -             | -                                | 15.2/11.0                        |
| Sound pressure level (H/L) | cooling dBA                 | 44/35         | 46/38                            | 44/35                            |
|                            | heating dBA                 | -             | -                                | 44/33                            |
| Sound power level (H)      | dBA                         | 60            | 62                               | 60                               |
| Outdoor unit               | see page                    | 37            | only for multi model application | only for multi model application |

\*Capacity and nominal input depend on the combinations between outdoor unit and indoor units.  
 (1) Units should be selected on nominal capacity. Maximum capacity is limited to peak periods.





**WALL MOUNTED INVERTER CONTROLLED UNIT**

**FTX-JZ**



- optimised for use with R-407C
- swing compressor
- highly energy efficient - consumes 30% less energy
- super silent operation
- compact
- washable and easily removable front panel



Refrigerant: R-407C • Power supply: V1: 1-, 230V, 50 Hz

| HEAT PUMP                  |                             | FTX25JZV1NB        | FTX35JZV1NB        |
|----------------------------|-----------------------------|--------------------|--------------------|
| Cooling capacity (1)       | min.-nom.-max kW            | 1.5 - 2.6 - 3.1    | 1.5 - 3.45 - 3.6   |
| Heating capacity (1)       | min.-nom.-max kW            | 1.5 - 3.6 - 4.6    | 1.5 - 4.2 - 4.8    |
| Nominal input (1)          | cooling kW                  | 0.5 - 1.0 - 1.3    | 0.5 - 1.5 - 1.55   |
|                            | heating kW                  | 0.46 - 1.21 - 1.53 | 0.46 - 1.52 - 1.76 |
| Dimensions                 | HxWxD mm                    | 273x784x185        |                    |
| Weight                     | kg                          | 7.5                | 7.5                |
| Air flow rate (H/L)        | cooling m <sup>3</sup> /min | 7.1/5.2            | 7.4/5.2            |
|                            | heating m <sup>3</sup> /min | 8.4/5.9            | 8.7/5.9            |
| Sound pressure level (H/L) | cooling dB(A)               | 38/30              | 39/31              |
|                            | heating dB(A)               | 38/30              | 39/31              |
| Sound power level (H)      | cooling/heating dB(A)       | 55                 | 55                 |
| Outdoor unit               | see page 37                 | RXT25JZV1NB        | RXT35JZV1NB        |

(1) Units should be selected on nominal capacity. Maximum capacity is limited to peak periods.



**CDK/CDX-HA**

**CONCEALED CEILING INVERTER CONTROLLED UNIT**



- highly energy efficient - consumes 30% less energy
- lightweight and compact
- only suction and discharge grilles are visible
- blends unobtrusively into any interior decor
- extremely quiet in operation both indoors and outdoors



Refrigerant: R-22 • Power supply: V1: 1-, 230V, 50 Hz

| MULTI COOLING ONLY   |                         | CDK25HAV1NB | CDK35HAV1NB | CDK50HAV1NB | CDK60HAV1NB |
|----------------------|-------------------------|-------------|-------------|-------------|-------------|
| Cooling capacity     | kW                      | *           | *           | *           | *           |
| Nominal input        | kW                      | *           | *           | *           | *           |
| Dimensions           | HxWxD mm                | 260x900x580 |             |             |             |
| Weight               | kg                      | 23          | 23          | 24          | 24          |
| Air flow rate        | H/L m <sup>3</sup> /min | 13.0/11.0   | 13.0/11.0   | 13.0/11.0   | 14.5/11.5   |
| Sound pressure level | H/L dBA                 | 39/36       | 39/36       | 42/39       | 44/41       |
| Sound power level    | H dBA                   | 55          | 55          | 58          | 60          |
| Outdoor unit         | see page 42             | 4MK90HV1NB  |             |             |             |

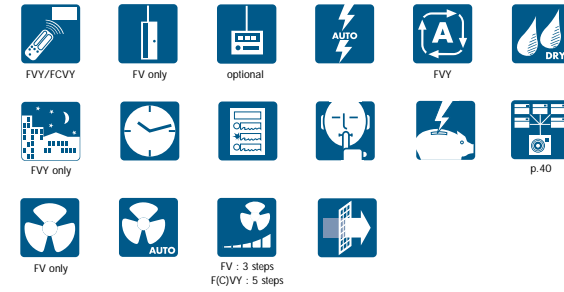
Refrigerant: R-22 • Power supply: V1: 1-, 230V, 50 Hz

| MULTI HEAT PUMP          |                         | CDX25HAV1NB                      | CDX35HAV1NB | CDX50HAV1NB | CDX60HAV1NB |
|--------------------------|-------------------------|----------------------------------|-------------|-------------|-------------|
| Cooling capacity         | kW                      | *                                | *           | *           | *           |
| Heating capacity         | kW                      | *                                | *           | *           | *           |
| Nominal input            | kW                      | *                                | *           | *           | *           |
| Dimensions               | HxWxD mm                | 260x900x580                      |             |             |             |
| Weight                   | kg                      | 23                               | 23          | 24          | 24          |
| Air flow rate            | H/L m <sup>3</sup> /min | 13.0/11.0                        | 13.0/11.0   | 13.0/11.0   | 14.5/11.5   |
| Sound press. level (H/L) | cooling dBA             | 39/36                            | 39/36       | 42/39       | 44/41       |
|                          | heating dBA             | 40/36                            | 40/36       | 42/38       | 44/40       |
| Sound power level (H)    | cooling/heating dBA     | 55/56                            | 55/56       | 58/58       | 60/60       |
| Outdoor unit             | see page 42             | 2MX52HV1NB/3MX68HV1NB/4MX80HV1NB |             |             |             |

\* Capacity and nominal input depend on the combinations between outdoor unit and indoor units.



FLOOR STANDING UNIT



## FV(Y)/FCVY-D

- can be installed against a wall or recessed
- compact design
- horizontal and/or vertical air distribution
- remote control (FVY/FCVY) or wired remote control (FV)



## FVXT-G



FLOOR STANDING INVERTER



- consumes 30% less power than non-inverter models
- PAM (Pulse Amplitude Modulation) inverter technology
- lightweight and compact
- can be installed against a wall or recessed
- dual air discharge blow for better air distribution
- washable air suction grille
- air purification filter



Refrigerant: R-22 • Power supply: V1: 1~, 230V, 50 Hz

| COOLING ONLY         |                         | FV25D7V1    | FV35D7V1 | FV45D7V1 | FV60D7V1     |
|----------------------|-------------------------|-------------|----------|----------|--------------|
| Cooling capacity     | kW                      | 2.38        | 3.48     | 5.13     | 6.35         |
| Nominal input        | kW                      | 0.91        | 1.37     | 2.23     | 2.35         |
| Dimensions           | HxWxD                   | 600x750x205 |          |          | 600x870x205  |
| Weight               | kg                      | 19          | 19       | 19       | 22           |
| Air flow rate        | H/L m <sup>3</sup> /min | 9.3/6.5     | 9.3/6.5  | 11.0/8.7 | 12.5/11.2    |
| Sound pressure level | H/L dB(A)               | 39/31       | 40/32    | 43/37    | 46/40        |
| Sound power level    | H dB(A)                 | 47          | 48       | 51       | 54           |
| Outdoor unit         | see page                | 35          | R-DC7V11 | R-DC7V11 | R-DC7V11/W11 |
|                      |                         |             | R-DC7V11 | R-DC7V11 | R-FA7V1/W1   |

Refrigerant: R-22 • Power supply: V1: 1~, 230V, 50 Hz

| HEAT PUMP                  |                             | FVY223D7V1  | FVY353D7V1 | FVY453D7V1  | FCVY223D7V1** | FCVY353D7V1**     | FCVY453D7V1**     |
|----------------------------|-----------------------------|-------------|------------|-------------|---------------|-------------------|-------------------|
| Cooling capacity           | kW                          | 2.4         | 3.6        | 4.9         | *             | *                 | *                 |
| Heating capacity           | kW                          | 3.2         | 4.1        | 5.55        | *             | *                 | *                 |
| Nominal input              | cooling kW                  | 1.09        | 1.48       | 2.02        | *             | *                 | *                 |
|                            | heating kW                  | 1.17        | 1.50       | 1.84        | *             | *                 | *                 |
| Dimensions                 | HxWxD                       | 600x750x205 |            | 600x870x205 | 600x750x205   |                   | 600x870x205       |
| Weight                     | kg                          | 19          | 19         | 22          | 19            | 19                | 22                |
| Air flow rate (H/L)        | cooling m <sup>3</sup> /min | 9.0/6.3     | 9.3/6.5    | 11/8.7      | 9.0/6.5       | 9.3/6.5           | 11/8.7            |
|                            | heating m <sup>3</sup> /min | 10/7.4      | 10.3/7.4   | 13.2/9.7    | 10/7.4        | 10.3/7.4          | 13.2/9.7          |
| Sound pressure level (H/L) | cooling dB(A)               | 38/30       | 40/31      | 42/37       | 40/32         | 41/32             | 44/37             |
|                            | heating dB(A)               | 39/30       | 41/30      | 44/38       | 40/32         | 41/32             | 44/37             |
| Sound power level (H)      | cooling/heating dB(A)       | 46/47       | 48/49      | 50/52       | 48/48         | 49/49             | 52/52             |
| Outdoor unit               | see page                    | 36/41       | RY-DB7V1   | RY-DA7V1    | RY-DB7V1      | MY-DA7V1/CJ7V1/W1 | MY-DA7V1/CJ7V1/W1 |

\* Capacity and nominal input depend on the combinations between outdoor unit and indoor units.  
\*\* FCVY-D is not within the scope of the Eurovent certification programme.

Refrigerant: R-22 • Power supply: V1: 1~, 230V, 50 Hz

| HEAT PUMP                  |                             | FVXT40GV1NB        | FVXT50GV1NB        |
|----------------------------|-----------------------------|--------------------|--------------------|
| Cooling capacity (1)       | min.-nom.-max kW            | 0.9 - 4.0 - 4.5    | 0.9 - 5.0 - 5.2    |
| Heating capacity (1)       | min.-nom.-max kW            | 0.9 - 6.0 - 7.5    | 0.9 - 6.6 - 7.7    |
| Nominal input (1)          | cooling kW                  | 0.19 - 1.26 - 1.46 | 0.19 - 2.08 - 2.11 |
|                            | heating kW                  | 0.19 - 1.86 - 2.81 | 0.19 - 2.35 - 3.05 |
| Dimensions                 | HxWxD                       | 600x650x195        |                    |
| Weight                     | kg                          | 13                 | 13                 |
| Air flow rate (H/L)        | cooling m <sup>3</sup> /min | 9.6 - 7.1          | 10.8 - 7.7         |
|                            | heating m <sup>3</sup> /min | 12.5 - 8.7         | 13.2 - 9.4         |
| Sound pressure level (H/L) | cooling dB(A)               | 41/34              | 44/36              |
|                            | heating dB(A)               | 43/34              | 45/36              |
| Sound power level (H)      | cooling/heating dB(A)       | 53                 | 56                 |
| Outdoor unit               | see page                    | 37                 | RXT40GV1NB         |
|                            |                             |                    | RXT50GV1NB         |

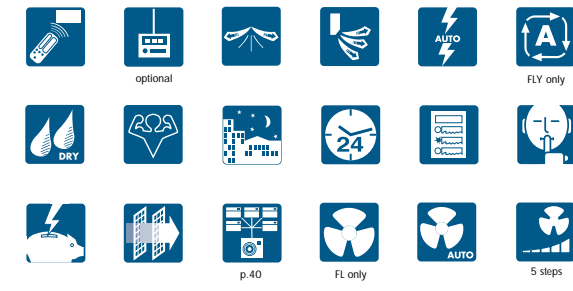
(1) Units should be selected on nominal capacity.  
Maximum capacity is limited to peak periods.



**CONCEALED CEILING UNIT**

# EHE(Y)B-BA/GZ

- compact
- suction and discharge grilles only are visible
- rear or bottom air suction
- drain pan on left or right
- ideal for use in hotel bedrooms
- the air duct between the indoor unit and discharge grille can be up to 0.5m long
- forced ON/OFF function: energy saving and comfort increasing feature



# FL(Y)-G



**FLEXTYPE UNIT**

- lightweight
- can be fitted on either ceiling or lower part of wall (e.g. beneath a window)
- powerful mode ensures a quick adaptation to temperature variations
- automatic airflow director ensures uniform airflow and temperature distribution



Refrigerant: R-22/R-407C • Power supply: V1: 1~, 230V, 50 Hz

| COOLING ONLY         |          |                     | FHEB18BA7V1 | FHEB25GZ7V1*                       |
|----------------------|----------|---------------------|-------------|------------------------------------|
| Cooling capacity     | kW       |                     | 1.7         | 2.4/2.4                            |
| Nominal input        | kW       |                     | 0.54        | 0.88/0.88                          |
| Dimensions           | HxWxD    |                     | 230x652x502 |                                    |
| Weight               | kg       |                     | 17          | 17                                 |
| Air flow rate        | H/L      | m <sup>3</sup> /min | 6.5/5.2     | 6.5/5.2                            |
| Sound pressure level | H/L      | dB(A)               | 34/28       | 35/28                              |
| Sound power level    | H/L      | dB(A)               | 53/49       | 55/49                              |
| Outdoor unit         | see page | 35                  | RE-GA7V1    | RE-GA7V1 (R-22) / R-GZ7V1 (R-407C) |

\*FHEB25GZ7V1 can be used in combination with an R-22 or R-407C outdoor unit.

Refrigerant: R-22 • Power supply: V1: 1~, 230V, 50 Hz

| HEAT PUMP                  |                 |                     | FHEYB18BA7V1 | FHEYB22BA7V1 |
|----------------------------|-----------------|---------------------|--------------|--------------|
| Cooling capacity           | kW              |                     | 1.8          | 2.2          |
| Heating capacity           | kW              |                     | 1.85         | 2.5          |
| Nominal input              | cooling         | kW                  | 0.62         | 0.88         |
|                            | heating         | kW                  | 0.58         | 0.82         |
| Dimensions                 | HxWxD           |                     | 230x652x502  |              |
| Weight                     | kg              |                     | 17           | 17           |
| Air flow rate (H/L)        | cooling         | m <sup>3</sup> /min | 6.5/5.2      | 6.5/5.2      |
|                            | heating         | m <sup>3</sup> /min | 6.95/5.2     | 6.95/5.2     |
| Sound pressure level (H/L) | cooling         | dB(A)               | 34/28        | 35/28        |
|                            | heating         | dB(A)               | 34/29        | 35/29        |
| Sound power level (H)      | cooling/heating | dB(A)               | 53/53        | 55/55        |
| Outdoor unit               | see page        | 36                  | REY-GA7V1    | REY-GA7V1    |

Refrigerant: R-22 • Power supply: V1: 1~, 230V, 50 Hz

| COOLING ONLY         |          |                     | FL25GV1NB         | FL35GV1NB         | FL40GV1NB         | FL45GV1NB           |
|----------------------|----------|---------------------|-------------------|-------------------|-------------------|---------------------|
| Cooling capacity     | kW       |                     | 2.45              | 3.35/3.30         | 4.15              | 5.25                |
| Nominal input        | kW       |                     | 0.86              | 1.27              | 1.63              | 2.13(V11)/2.02(W11) |
| Dimensions           | HxWxD    |                     | 490x1,050x200     |                   |                   |                     |
| Weight               | kg       |                     | 16                | 16                | 17                | 17                  |
| Air flow rate        | H/L      | m <sup>3</sup> /min | 7.5/6.0           | 8.0/6.4           | 6.5/5.1           | 10.7/6.1            |
| Sound pressure level | H/L      | dB(A)               | 37/31             | 38/32             | 39/33             | 47/36               |
| Sound power level    | H        | dB(A)               | 50                | 51                | 52                | 59                  |
| Outdoor unit         | see page | 35                  | R-DC7V11/RE-GA7V1 | R-DC7V11/RE-GA7V1 | R-DC7V11/RE-GA7V1 | R-DC7V11/W11        |

Refrigerant: R-22 • Power supply: V1: 1~, 230V, 50 Hz

| HEAT PUMP                  |                 |                     | FLY22GV1NB         | FLY35GV1NB         | FLY40GV1NB | FLY45GV1NB |
|----------------------------|-----------------|---------------------|--------------------|--------------------|------------|------------|
| Cooling capacity           | kW              |                     | 2.55/2.4           | 3.5/3.25           | 3.9        | 4.9        |
| Heating capacity           | kW              |                     | 3.2/2.65           | 4.1/3.6            | 4.7        | 5.55       |
| Nominal input              | cooling         | kW                  | 1.16/0.87          | 1.47/1.23          | 1.63       | 2.06       |
|                            | heating         | kW                  | 1.14/0.79          | 1.5/1.23           | 1.62       | 1.90       |
| Dimensions                 | HxWxD           |                     | 490x1,050x200      |                    |            |            |
| Weight                     | kg              |                     | 17                 | 17                 | 18         | 18         |
| Air flow rate (H/L)        | cooling         | m <sup>3</sup> /min | 7.6/6.0            | 8.7/6.6            | 7.0/5.2    | 10.7/6.3   |
|                            | heating         | m <sup>3</sup> /min | 9.2/7.4            | 10.0/8.0           | 7.8/5.7    | 11.5/6.9   |
| Sound pressure level (H/L) | cooling         | dB(A)               | 37/31              | 38/32              | 40/34      | 47/37      |
|                            | heating         | dB(A)               | 37/31              | 39/33              | 40/34      | 47/36      |
| Sound power level (H)      | cooling/heating | dB(A)               | 50                 | 51                 | 52         | 59         |
| Outdoor unit               | see page        | 36                  | RY-DB7V1/REY-GA7V1 | RY-DA7V1/REY-GA7V1 | REY-GA7V1  | RY-DB7V1   |

# 2

## A/C for commercial use



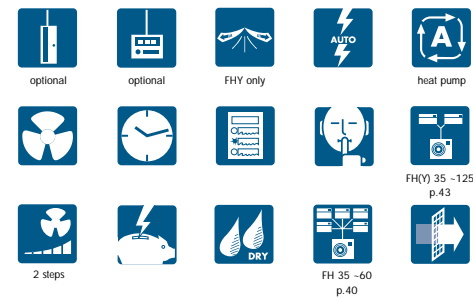
COMFORT AND FLEXIBILITY

*In offices, hotels, shops, restaurants and many other commercial premises, high levels of personal comfort and satisfaction achieved by the application of Daikin air conditioning, enhance the environment and help set the scene for increased business prosperity - economically, efficiently and discreetly.*

*User friendly, quiet running, ultra reliable and easy to control, Daikin air conditioning adds that cool, fresh, relaxing "extra something" to the indoor climate, providing the perfect platform for commercial success.*

*Available in a wide range of modern, stylish wall, floor and ceiling mounted models, Daikin air conditioning is designed to harmonise with any interior decor and fits rooms of any shape or size.*





## FH(Y)-FJ

### CEILING SUSPENDED UNIT

- the ideal solution for shops, restaurants or offices without false ceilings
- leaves maximum floor and wall space for furniture, decoration and fittings.
- air flow distribution pattern can be adapted to suit ceiling heights up to 3.8m without loss of capacity.

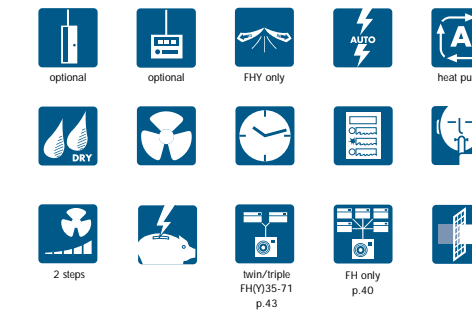


Refrigerant: R-22 • Power supply: V1: 1~, 230V, 50 Hz

| COOLING ONLY         |          | FH35FJ7V1     | FH45FJ7V1 | FH60FJ7V1     | FH71FJ7V1       | FH100FJ7V1      | FH125FJ7V1    |
|----------------------|----------|---------------|-----------|---------------|-----------------|-----------------|---------------|
| Cooling capacity     | kW       | 4.05          | 5.35      | 6.5           | 7.4             | 10.3            | 12.4          |
| Nominal input        | kW       | 1.3           | 2.11      | 2.42          | 3.0(V1)/2.8(W1) | 3.7(V1)/3.4(W1) | 4.50          |
| Dimensions           | HxWxD    | 188x1,100x600 |           | 188x1,300x600 |                 | 238x1,300x695   | 238x1,590x695 |
| Weight               | kg       | 26            | 27        | 30            | 30              | 37              | 45            |
| Air flow rate        | H/L      | 13/10         |           | 18/14         |                 | 26/20           | 33/25         |
| Sound pressure level | H/L      | 38/33         |           | 40/35         |                 | 43/38           | 44/39         |
| Sound power level    | H        | 54            |           | 56            |                 | 59              | 61            |
| Outdoor unit         | see page | 35            | R-DC7V11  | R-DC7V11/W11  | R-FA7V1/W1      | R-FJ7V1/W1      | R-FJ7V1       |

Refrigerant: R-22 • Power supply: V1: 1~, 230V, 50 Hz

| HEAT PUMP            |          | FHY35FJ7V1    | FHY45FJ7V1 | FHY60FJ7V1    | FHY71FJ7V1    | FHY100FJ7V1     | FHY125FJ7V1   |
|----------------------|----------|---------------|------------|---------------|---------------|-----------------|---------------|
| Cooling capacity     | kW       | 4.1           | 4.8        | 6.15          | 7.3           | 10.0            | 12.4          |
| Heating capacity     | kW       | 4.35          | 5.8        | 7.15          | 8.7           | 11.6            | 15.2          |
| Nominal input        | cooling  | 1.59          | 2.05       | 2.51          | 3.1(V1)/3(W1) | 3.9(V1)/3.7(W1) | 4.6           |
|                      | heating  | 1.42          | 1.94       | 2.4           | 3.1(V1)/3(W1) | 3.9(V1)/3.7(W1) | 4.7           |
| Dimensions           | HxWxD    | 188x1,100x600 |            | 188x1,300x600 |               | 238x1,300x695   | 238x1,590x695 |
| Weight               | kg       | 26            | 27         | 30            | 30            | 37              | 45            |
| Air flow rate        | H/L      | 13/10         |            | 18/14         |               | 26/20           | 33/25         |
| Sound pressure level | H/L      | 38/33         |            | 40/35         |               | 43/38           | 44/39         |
| Sound power level    | H        | 54            |            | 56            |               | 59              | 60            |
| Outdoor unit         | see page | 36            | RY-DA7V1   | RY-DB7V1/W1   | RY-FA7V1      | RY-FJ7V1/W1     | RY-FJ7V1      |



## FH(Y)-GZ

### CEILING SUSPENDED UNIT

- leaves maximum floor and wall space for furniture, decoration and fittings
- extremely quiet in operation both indoors and outdoors
- automatic airflow director ensures uniform airflow and temperature distribution (FHY only)
- air flow distribution for ceiling heights up to 3.8m without loss of capacity



Refrigerant: R-407C • Power supply: V1: 1~, 230V, 50 Hz

| COOLING ONLY         |          | FH35GZ7V1     | FH45GZ7V1 | FH71GZ7V1      | FH100GZ7V1     | FH125GZ7V1    |
|----------------------|----------|---------------|-----------|----------------|----------------|---------------|
| Cooling capacity     | kW       | 3.75          | 5.18      | 7.1            | 9.7            | 12.3          |
| Nominal input        | kW       | 1.32          | 2.16/2.06 | 2.90/2.86/2.86 | 3.69/3.47/3.47 | 4.76          |
| Dimensions           | HxWxD    | 188x1,100x600 |           | 188x1,300x600  | 238x1,300x695  | 238x1,590x695 |
| Weight               | kg       | 26            | 27        | 30             | 37             | 45            |
| Air flow rate        | H/L      | 13/10         |           | 18/14          | 26/20          | 33/25         |
| Sound pressure level | H/L      | 38/33         |           | 39/34          | 43/38          | 44/39         |
| Sound power level    | H        | 54            |           | 56             | 59             | 61            |
| Outdoor unit         | see page | 35            | R-GZ7V11  | R-GZ7V11/W11   | R-GZ7V1/W1/T1  | R-GZ7V1/T1    |

Refrigerant: R-407C • Power supply: V1: 1~, 230V, 50 Hz

| HEAT PUMP            |          | FHY35GZ7V1    | FHY45GZ7V1 | FHY71GZ7V1        | FHY100GZ7V1       | FHY125GZ7V1   |
|----------------------|----------|---------------|------------|-------------------|-------------------|---------------|
| Cooling capacity     | kW       | 3.6           | 4.9        | 7.1               | 10                | 12.2          |
| Heating capacity     | kW       | 4.1           | 5.5        | 8.2               | 11.2              | 14.7          |
| Nominal input        | cooling  | 1.51          | 2.04       | 2.97(V1)/2.93(W1) | 4.04(V1)/3.84(W1) | 4.85          |
|                      | heating  | 1.46          | 1.91       | 3.02(V1)/2.98(W1) | 4.02(V1)/3.85(W1) | 4.92          |
| Dimensions           | HxWxD    | 188x1,100x600 |            | 188x1,300x600     | 238x1,300x695     | 238x1,590x695 |
| Weight               | kg       | 26            | 27         | 30                | 37                | 45            |
| Air flow rate        | H/L      | 13/10         |            | 18/14             | 26/20             | 33/25         |
| Sound pressure level | H/L      | 38/33         |            | 39/34             | 43/38             | 44/39         |
| Sound power level    | H        | 54            |            | 56                | 59                | 60            |
| Outdoor unit         | see page | 36            | RY-EAZ7V1  | RY-EAZ7V1         | RY-GAZ7V1/W1      | RY-GAZ7V1     |





### 4-WAY BLOW CEILING SUSPENDED CASSETTE

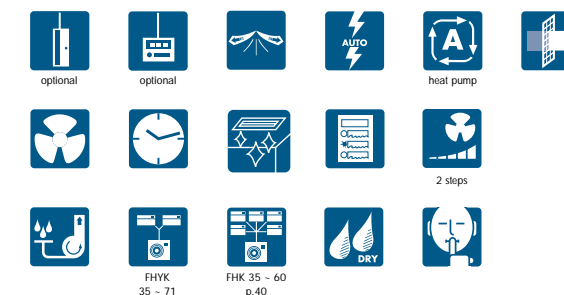
## FUY-FJ

- ideal for refurbishment
- leaves maximum floor and wall space for furniture, decoration
- air can be discharged in any of four directions
- air flow distribution for ceiling heights up to 3.5m
- no ceiling staining
- possibility to shut off one or two flaps for easy installation in corners
- extremely quiet in operation both indoor and outdoors
- air purification filter, drain pan and heat exchanger fin are mildew proof and have anti-bacterial treatment



Refrigerant: R-22 • Power supply: V1: 1-, 230V, 50 Hz

| C/O & H/P             | FUY71FJV1       | FUY100FJV1          | FUY125FJV1  | FUY71FJV1   | FUY100FJV1  | FUY125FJV1  |             |          |       |
|-----------------------|-----------------|---------------------|-------------|-------------|-------------|-------------|-------------|----------|-------|
| Cooling capacity      | kW              | 7.3                 | 9.9         | 12.3        | 7.3         | 10.0        | 12.8        |          |       |
| Heating capacity      | kW              | -                   | -           | -           | 8.7         | 12.2        | 15.3        |          |       |
| Nominal input (V1/W1) | cooling         | kW                  | 3.1/2.9     | 3.7/3.4     | 4.5         | 3.2/3.1     | 4.0/3.8     | 4.6      |       |
|                       | heating         | kW                  | -           | -           | -           | 3.1/3.0     | 3.8/3.6     | 4.7      |       |
| Dimensions (HxWxD)    | unit            | mm                  | 165x895x895 | 230x895x895 | 165x895x895 | 230x895x895 |             |          |       |
|                       | decor. panel    | mm                  |             |             |             |             |             |          |       |
| Weight                | unit            | kg                  | 25          | 31          | 31          | 25          | 31          | 31       |       |
|                       | decor. panel    | kg                  |             |             |             |             |             |          |       |
| Air flow rate (H/L)   | cooling/heating | m <sup>3</sup> /min | 19/14       | 29/21       | 32/23       | 19/14       | 29/21       | 32/23    |       |
|                       | cooling         | dB(A)               | 40/35       | 43/38       | 44/39       | 40/35       | 43/38       | 44/39    |       |
| Sound pressure level  | H/L             | heating             | dB(A)       | -           | -           | -           | 40/35       | 43/38    | 44/39 |
|                       | H               | dB(A)               | 56          | 59          | 60          | 56          | 59          | 60       |       |
| Outdoor unit          | see page        | 35/36               | R-FJ7V1/W1  | R-FJ7V1/W1  | R-FJ7V1     | RY-FJ7V1/W1 | RY-FJ7V1/W1 | RY-FJ7V1 |       |



## FH(Y)K-FJ



### CEILING MOUNTED CORNER CASSETTE

- perfect for applications in shops, restaurants or offices with false ceilings
- leaves maximum floor and wall space for furniture, decoration and fittings
- air flow distribution pattern can be adapted to suit ceiling heights up to 3.8 m without loss of capacity



Refrigerant: R-22 • Power supply: V1: 1-, 230V, 50 Hz

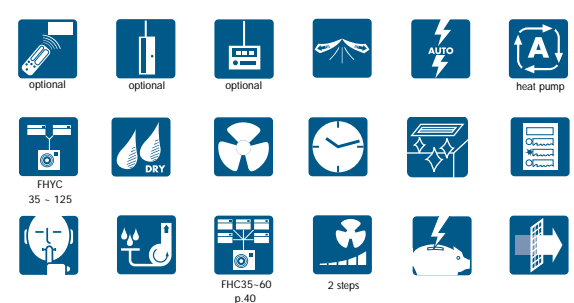
| COOLING ONLY         |              |                     | FHK35FJV1     | FHK45FJV1    | FHK60FJV1     | FHYK71FJV1      |
|----------------------|--------------|---------------------|---------------|--------------|---------------|-----------------|
| Cooling capacity     | kW           |                     | 4.05          | 5.35         | 6.5           | 7.4             |
| Nominal input        | kW           |                     | 1.28          | 2.11         | 2.42          | 3.0(V1)/2.8(W1) |
| Dimensions (HxWxD)   | unit         | mm                  | 215x1,110x710 |              | 215x1,310x710 |                 |
|                      | decor. panel | mm                  | 70x1,240x800  |              | 70x1,440x800  |                 |
| Weight               | unit         | kg                  | 30            | 31           | 33            | 33              |
|                      | decor. panel | kg                  | 8.5           | 8.5          | 9.5           | 9.5             |
| Air flow rate        | H/L          | m <sup>3</sup> /min | 12/9          | 12/10        | 17/14         | 17/14           |
| Sound pressure level | H/L          | dB(A)               | 39/33         | 39/34        | 41/36         | 41/36           |
| Sound power level    | H            | dB(A)               | 50            | 50           | 52            | 52              |
| Outdoor unit         | see page     | 35                  | R-DC7V11      | R-DC7V11/W11 | R-FA7V1/W1    | R-FJ7V1/W1      |

Refrigerant: R-22 • Power supply: V1: 1-, 230V, 50 Hz

| HEAT PUMP            |              |                     | FHYK35FJV1    | FHYK45FJV1 | FHYK60FJV1    | FHYK71FJV1      |
|----------------------|--------------|---------------------|---------------|------------|---------------|-----------------|
| Cooling capacity     | kW           |                     | 4.1           | 4.8        | 6.15          | 7.3             |
| Heating capacity     | kW           |                     | 4.35          | 5.8        | 7.15          | 8.7             |
| Nominal input        | cooling      | kW                  | 1.5           | 2.05       | 2.51          | 3.1(V1)/3.0(W1) |
|                      | heating      | kW                  | 1.39          | 1.90       | 2.4           | 3.1(V1)/3.0(W1) |
| Dimensions (HxWxD)   | unit         | mm                  | 215x1,110x710 |            | 215x1,310x710 |                 |
|                      | decor. panel | mm                  | 70x1,240x800  |            | 70x1,440x800  |                 |
| Weight               | unit         | kg                  | 30            | 31         | 33            | 33              |
|                      | decor. panel | kg                  | 8.5           | 8.5        | 9.5           | 9.5             |
| Air flow rate        | H/L          | m <sup>3</sup> /min | 12/9          | 12/10      | 17/14         | 17/14           |
| Sound pressure level | H/L          | dB(A)               | 39/33         | 39/34      | 41/36         | 41/36           |
| Sound power level    | H            | dB(A)               | 50            | 50         | 52            | 52              |
| Outdoor unit         | see page     | 36                  | RY-DA7V1      | RY-DB7V1   | RY-FA7V1      | RY-FJ7V1/W1     |



### 4-WAY BLOW CEILING MOUNTED CASSETTE



## FH(Y)C-BJ

- fits flush into each ceiling
- air can be discharged in any of four directions
- possibility to shut off one or two flaps for easy installation in corners
- air flow distribution for ceiling heights up to 4.2m without loss of capacity

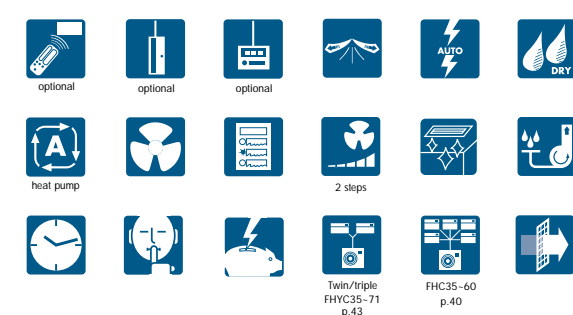


Refrigerant: R-22 • Power supply: V1: 1-, 230V, 50 Hz

| COOLING ONLY         |              | FHC35BJV1           | FHC45BJV1 | FHC60BJV1    | FHYC71BJV1      | FHYC100BJV1     | FHYC125BJV1 |       |
|----------------------|--------------|---------------------|-----------|--------------|-----------------|-----------------|-------------|-------|
| Cooling capacity     | kW           | 3.9                 | 5.2       | 6.5          | 7.3             | 10.2            | 12.3        |       |
| Nominal input        | kW           | 1.36                | 2.15      | 2.42         | 3.0(V1)/2.8(W1) | 3.7(V1)/3.4(W1) | 4.5         |       |
| Dimensions (HxWxD)   | unit         | 230x840x840         |           |              | 288x840x840     |                 |             |       |
|                      | decor. panel | 40x950x950          |           |              |                 |                 |             |       |
| Weight               | unit         | 23                  | 23        | 23           | 23              | 27              | 27          |       |
|                      | decor. panel | 5                   | 5         | 5            | 5               | 5               | 5           |       |
| Air flow rate        | H/L          | m <sup>3</sup> /min | 14/10     | 15/11        | 18/14           | 18/14           | 28/21       | 31/24 |
| Sound pressure level | H/L          | dB(A)               | 31/27     | 31/27        | 33/28           | 33/28           | 37/32       | 40/35 |
| Sound power level    | H/L          | dB(A)               | 47/43     | 47/43        | 49/44           | 49/44           | 52/47       | 55/50 |
| Outdoor unit         | see page     | 35                  | R-DC7V11  | R-DC7V11/W11 | R-FA7V1/W1      | R-FJ7V1/W1      | R-FJ7V1/W1  |       |

Refrigerant: R-22 • Power supply: V1: 1-, 230V, 50 Hz

| HEAT PUMP            |              | FHYC35BJV1          | FHYC45BJV1 | FHYC60BJV1  | FHYC71BJV1  | FHYC71BJV1    | FHYC100BJV1 | FHYC125BJV1     |          |
|----------------------|--------------|---------------------|------------|-------------|-------------|---------------|-------------|-----------------|----------|
| Cooling capacity     | kW           | 3.6                 | 4.8        | 6.15        | 7.3         | 8.0           | 10.3        | 12.8            |          |
| Heating capacity     | kW           | 4.65                | 5.8        | 7.15        | 8.7         | 9.0           | 12.2        | 15.3            |          |
| Nominal input        | cooling      | kW                  | 1.63       | 2.07        | 2.51        | 3.1(V1)/3(W1) | 3.5         | 4(V1)/3.8(W1)   | 4.6      |
|                      | heating      | kW                  | 1.52       | 1.93        | 2.4         | 3.1(V1)/3(W1) | 3.3         | 3.8(V1)/3.6(W1) | 4.7      |
| Dimensions (HxWxD)   | unit         | 230x840x840         |            |             | 288x840x840 |               |             |                 |          |
|                      | decor. panel | 40x950x950          |            |             |             |               |             |                 |          |
| Weight               | unit         | 23                  | 23         | 23          | 23          | 27            | 27          |                 |          |
|                      | decor. panel | 5                   | 5          | 5           | 5           | 5             | 5           |                 |          |
| Air flow rate        | H/L          | m <sup>3</sup> /min | 14/10      | 15/11       | 18/14       | 18/14         | 28/21       | 31/24           |          |
| Sound pressure level | H/L          | dB(A)               | 31/27      | 31/27       | 33/28       | 33/28         | 37/32       | 40/35           |          |
| Sound power level    | H/L          | dB(A)               | 47/43      | 47/43       | 49/44       | 49/44         | 52/47       | 55/50           |          |
| Outdoor unit         | see page     | 36                  | RY-DA7V1   | RY-DB7V1/W1 | RY-FA7V1    | RY-FJ7V1/W1   | RZV71LV1    | RY-FJ7V1/W1     | RY-FJ7V1 |



## FH(Y)C-BZ



### 4-WAY BLOW CEILING MOUNTED CASSETTE

- compact and lightweight unit with minimum operating sound levels
- choice of 8 air flow distribution patterns
- air flow distribution for ceiling heights up to 4.2m without loss of capacity

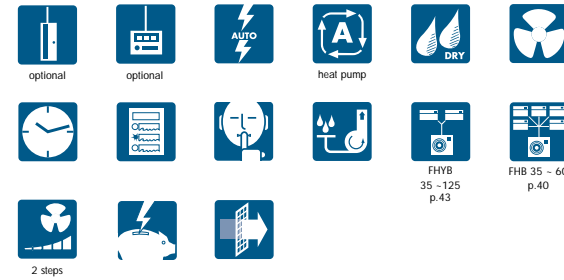


Refrigerant: R-407C • Power supply: V1: 1-, 230V, 50 Hz

| COOLING ONLY       |              | FHC35BZV1           | FHC45BZV1    | FHYC71BZV1     | FHYC100BZV1    | FHYC125BZV1   |       |
|--------------------|--------------|---------------------|--------------|----------------|----------------|---------------|-------|
| Cooling capacity   | kW           | 3.80                | 5.2          | 7.1            | 10.0           | 12.3          |       |
| Nominal input      | kW           | 1.36                | 2.20/2.10    | 2.99/2.96/2.96 | 3.77/3.56/3.56 | 4.76          |       |
| Dimensions HxWxD   | unit         | 230x840x840         |              |                | 288x840x840    |               |       |
|                    | decor. panel | 40x950x950          |              |                |                |               |       |
| Weight             | unit         | 23                  | 23           | 23             | 27             | 27            |       |
|                    | decor. panel | 5                   | 5            | 5              | 5              | 5             |       |
| Air flow rate      | H/L          | m <sup>3</sup> /min | 14/10        | 15/11          | 18/14          | 28/21         | 31/24 |
| Sound press. level | H/L          | dB(A)               | 31/27        | 31/27          | 33/28          | 37/32         | 40/35 |
| Sound power level  | H/L          | dB(A)               | 47/43        | 47/43          | 49/44          | 52/47         | 55/50 |
| Outdoor unit       | see page     | 35                  | R-GZ7V11/W11 | R-GZ7V11/W11   | R-GZ7V1/W1/T1  | R-GZ7V1/W1/T1 |       |

Refrigerant: R-407C • Power supply: V1: 1-, 230V, 50 Hz

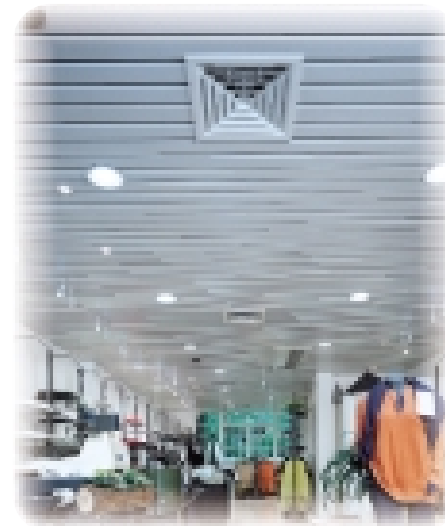
| HEAT PUMP          |              | FHYC35BZV1          | FHYC45BZV1 | FHYC71BZV1 | FHYC100BZV1 | FHYC125BZV1 |       |
|--------------------|--------------|---------------------|------------|------------|-------------|-------------|-------|
| Cooling capacity   | kW           | 3.60                | 4.9        | 7.1        | 10.0        | 12.2        |       |
| Heating capacity   | kW           | 4.10                | 5.5        | 8.2        | 11.6        | 14.6        |       |
| Nominal input      | cooling      | kW                  | 1.51       | 2.04       | 3.0/2.96    | 4.11/3.89   | 4.89  |
|                    | heating      | kW                  | 1.46       | 1.91       | 2.97/2.93   | 4.03/3.86   | 4.99  |
| Dimensions (HxWxD) | unit         | 230x840x840         |            |            | 288x840x840 |             |       |
|                    | decor. panel | 40x950x950          |            |            |             |             |       |
| Weight             | unit         | 23                  | 23         | 23         | 27          | 27          |       |
|                    | decor. panel | 5                   | 5          | 5          | 5           | 5           |       |
| Air flow rate      | H/L          | m <sup>3</sup> /min | 14/10      | 15/11      | 18/14       | 28/21       | 31/24 |
| Sound press. level | H/L          | dB(A)               | 31/27      | 31/27      | 33/28       | 37/32       | 40/35 |
| Sound power level  | H/L          | dB(A)               | 47/43      | 47/43      | 49/44       | 52/47       | 55/50 |
| Outdoor unit       | see page     | 36                  | RY-EAZ7V1  | RY-EAZ7V1  | RY-GZ7V1/W1 | RY-GZ7V1/W1 |       |



## FH(Y)B-FK

### CONCEALED CEILING UNIT

- particularly suitable for restaurants, open-plan offices, apartments, entrance halls and irregularly shaped rooms
- movable air discharge grilles ensure uniform room temperatures
- the maximum external static pressure (ESP) is 9mmH<sub>2</sub>O

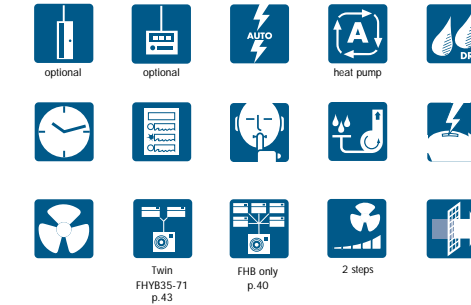


Refrigerant: R-22 • Power supply: V1: 1-, 230V, 50 Hz

| COOLING ONLY         |              | FHB35FK7V1                 | FHB45FK7V1                | FHB60FK7V1                | FHYB71FK7V1               | FHYB100FK7V1              | FHYB125FK7V1              |
|----------------------|--------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Cooling capacity     | kW           | 3.95                       | 5.3                       | 6.5                       | 7.2                       | 10.5                      | 12.4                      |
| Nominal input        | kW           | 1.36                       | 2.17                      | 3.10                      | 3.1(V1)/2.9(W1)           | 3.8(V1)/3.5(W1)           | 4.6                       |
| Dimensions (HxWxD)   | unit         | 300x700x800                |                           | 300x1,000x800             |                           | 300x1,400x800             |                           |
|                      | decor. panel | mm 55x880x500              |                           | mm 55x1,100x500           |                           | mm 55x1,500x500           |                           |
| Weight               | unit         | kg 30                      | kg 31                     | kg 41                     | kg 41                     | kg 51                     | kg 52                     |
|                      | decor. panel | kg 3.5                     | kg 3.5                    | kg 4.5                    | kg 4.5                    | kg 6.5                    | kg 6.5                    |
| Air flow rate        | H/L          | m <sup>3</sup> /min 11.5/9 | m <sup>3</sup> /min 14/10 | m <sup>3</sup> /min 17/13 | m <sup>3</sup> /min 19/14 | m <sup>3</sup> /min 27/20 | m <sup>3</sup> /min 35/24 |
| Sound pressure level | H/L          | dB(A) 33/29                | dB(A) 33/29               | dB(A) 34/30               | dB(A) 34/30               | dB(A) 36/31               | dB(A) 38/32               |
| Sound power level    | H            | dB(A) 52                   | dB(A) 53                  | dB(A) 60                  | dB(A) 60                  | dB(A) 62                  | dB(A) 63                  |
| Outdoor unit         | see page     | 35                         | R-DC7V11                  | R-DC7V11/W11              | R-FA7V1/W1                | R-FJ7V1/W1                | R-FJ7V1/W1                |

Refrigerant: R-22 • Power supply: V1: 1-, 230V, 50 Hz

| HEAT PUMP            |              | FHYB35FK7V1                | FHYB45FK7V1               | FHYB60FK7V1               | FHYB71FK7V1               | FHYB100FK7V1              | FHYB125FK7V1              |
|----------------------|--------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Cooling capacity     | kW           | 3.8                        | 4.45                      | 6.25                      | 7.2                       | 10.0                      | 12.4                      |
| Heating capacity     | kW           | 4.2                        | 5.60                      | 7.40                      | 8.6                       | 11.6                      | 15.2                      |
| Nominal input        | cooling      | kW 1.64                    | kW 2.15                   | kW 3.09                   | kW 3.2(V1)/3.1(W1)        | kW 4.1(V1)/3.9(W1)        | kW 4.7                    |
|                      | heating      | kW 1.45                    | kW 1.96                   | kW 2.74                   | kW 3.2(V1)/3.1(W1)        | kW 4.1(V1)/4.1(W1)        | kW 4.8                    |
| Dimensions (HxWxD)   | unit         | mm 300x700x800             |                           | mm 300x1,000x800          |                           | mm 300x1,400x800          |                           |
|                      | decor. panel | mm 55x880x500              |                           | mm 55x1,100x500           |                           | mm 55x1,500x500           |                           |
| Weight               | unit         | kg 30                      | kg 31                     | kg 41                     | kg 41                     | kg 51                     | kg 52                     |
|                      | decor. panel | kg 3.5                     | kg 3.5                    | kg 4.5                    | kg 4.5                    | kg 6.5                    | kg 6.5                    |
| Air flow rate        | H/L          | m <sup>3</sup> /min 11.5/9 | m <sup>3</sup> /min 14/10 | m <sup>3</sup> /min 17/13 | m <sup>3</sup> /min 19/14 | m <sup>3</sup> /min 27/20 | m <sup>3</sup> /min 35/24 |
| Sound pressure level | H/L          | dB(A) 33/29                | dB(A) 33/29               | dB(A) 34/30               | dB(A) 34/30               | dB(A) 36/31               | dB(A) 38/32               |
| Sound power level    | H            | dB(A) 52                   | dB(A) 53                  | dB(A) 60                  | dB(A) 60                  | dB(A) 62                  | dB(A) 63                  |
| Outdoor unit         | see page     | 36                         | RY-DA7V1                  | RY-DB7V1                  | RY-FA7V1                  | RY-FJ7V1/W1               | RY-FJ7V1/W1               |



## FH(Y)B-GZ

### CONCEALED CEILING UNIT

- lightweight and compact
- blends unobtrusively with any interior decor
- extremely quiet in operation both indoors and outdoors
- the position of the individual air discharge grilles can be altered, enabling a uniform temperature, even in irregularly shaped rooms

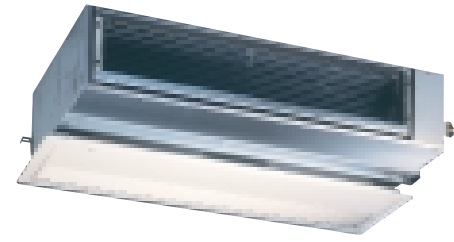


Refrigerant: R-407C • Power supply: V1: 1-, 230V, 50 Hz

| COOLING ONLY         |              | FHB35GZ7V1                   | FHB45GZ7V1                    | FHYB71GZ7V1               | FHYB100GZ7V1              | FHYB125GZ7V1              |
|----------------------|--------------|------------------------------|-------------------------------|---------------------------|---------------------------|---------------------------|
| Cooling capacity     | kW           | 3.70                         | 4.90                          | 7.1                       | 10.0                      | 12.3                      |
| Nominal input        | kW           | 1.40                         | 2.23/2.13                     | 2.96/2.93/2.93            | 3.70/3.54/3.54            | 4.79                      |
| Dimensions (HxWxD)   | unit         | mm 300x700x800               |                               | mm 300x1,000x800          | mm 300x1,400x800          |                           |
|                      | decor. panel | mm 55x880x500                |                               | mm 55x1,100x500           | mm 55x1,500x500           |                           |
| Weight               | unit         | kg 30                        | kg 31                         | kg 41                     | kg 51                     | kg 52                     |
|                      | decor. panel | kg 3.5                       | kg 3.5                        | kg 4.5                    | kg 6.5                    | kg 6.5                    |
| Air flow rate        | H/L          | m <sup>3</sup> /min 11.5/9.0 | m <sup>3</sup> /min 14.0/10.0 | m <sup>3</sup> /min 19/14 | m <sup>3</sup> /min 27/20 | m <sup>3</sup> /min 35/24 |
| Sound pressure level | H/L          | dB(A) 33/29                  | dB(A) 33/29                   | dB(A) 34/30               | dB(A) 36/31               | dB(A) 38/32               |
| Sound power level    | H            | dB(A) 52                     | dB(A) 53                      | dB(A) 60                  | dB(A) 62                  | dB(A) 63                  |
| Outdoor unit         | see page     | 35                           | R-GZ7V11                      | R-GZ7V11/W11              | R-GZ7V11/W1/T1            | R-GZ7V11/T1               |

Refrigerant: R-407C • Power supply: V1: 1-, 230V, 50 Hz

| HEAT PUMP            |              | FHYB35GZ7V1                  | FHYB45GZ7V1                   | FHYB71GZ7V1               | FHYB100GZ7V1              | FHYB125GZ7V1              |
|----------------------|--------------|------------------------------|-------------------------------|---------------------------|---------------------------|---------------------------|
| Cooling capacity     | kW           | 3.60                         | 4.9                           | 7.1                       | 10.0                      | 12.2                      |
| Heating capacity     | kW           | 4.10                         | 5.5                           | 8.2                       | 11.2                      | 14.7                      |
| Nominal input        | cooling      | kW 1.64                      | kW 2.09                       | kW 2.97/2.93              | kW 4.04/3.87              | kW 4.92                   |
|                      | heating      | kW 1.46                      | kW 1.97                       | kW 3.03/2.96              | kW 4.02/3.93              | kW 4.97                   |
| Dimensions (HxWxD)   | unit         | mm 300x700x800               |                               | mm 300x1,000x800          | mm 300x1,400x800          |                           |
|                      | decor. panel | mm 55x880x500                |                               | mm 55x1,100x500           | mm 55x1,500x500           |                           |
| Weight               | unit         | kg 30                        | kg 31                         | kg 41                     | kg 51                     | kg 52                     |
|                      | decor. panel | kg 3.5                       | kg 3.5                        | kg 4.5                    | kg 6.5                    | kg 6.5                    |
| Air flow rate        | H/L          | m <sup>3</sup> /min 11.5/9.0 | m <sup>3</sup> /min 14.0/10.0 | m <sup>3</sup> /min 19/14 | m <sup>3</sup> /min 27/20 | m <sup>3</sup> /min 35/24 |
| Sound pressure level | H/L          | dB(A) 33/29                  | dB(A) 33/29                   | dB(A) 34/30               | dB(A) 36/31               | dB(A) 38/32               |
| Sound power level    | H            | dB(A) 52                     | dB(A) 53                      | dB(A) 60                  | dB(A) 62                  | dB(A) 63                  |
| Outdoor unit         | see page     | 36                           | RY-EA7V1                      | RY-EA7V1                  | RY-GZ7V1/W1               | RY-GZ7V1                  |



**CONCEALED CEILING UNIT**

**FHYB-F**



- incorporates "SUPER INVERTER" technology
- achieves set temperature more quickly
- consumes up to 40% less energy than non-inverter models on an annual basis
- blends unobtrusively into any interior décor
- particularly suitable for restaurants, open-plan offices, apartments, entrance halls and irregularly shaped rooms
- movable air discharge grilles ensure uniform room temperatures
- the maximum external static pressure (ESP) is 9mmH<sub>2</sub>O
- leaves maximum floor and wall space for furniture, decoration and fittings



Refrigerant: R-22 • Power supply: V1: 1-, 230V, 50 Hz

| HEAT PUMP            |              | FHYB71FV1           |               |
|----------------------|--------------|---------------------|---------------|
| Cooling capacity (1) | kW           | 5.7-7.1-8.0         |               |
| Heating capacity (1) | kW           | 5.4-8.0-9.0         |               |
| Nominal input (1)    | cooling      | kW                  | 3.5           |
|                      | heating      | kW                  | 3.3           |
| Dimensions (HxWxD)   | unit         | mm                  | 300x1,000x800 |
|                      | decor. panel | mm                  | 55x1,100x500  |
| Weight               | unit         | kg                  | 41            |
|                      | decor. panel | kg                  | 4.5           |
| Air flow rate        | H/L          | m <sup>3</sup> /min | 19/14         |
| Sound pressure level | H/L          | dB(A)               | 42/36         |
| Sound power level    | H            | dB(A)               | *             |
| Outdoor unit         | see page     |                     | 38 RZY71LV1   |

\* Sound power levels were not available at the time of publication.  
 (1) Units should be selected on nominal capacity. Maximum capacity is limited to peak periods.



**FAY-FJ**

**WALL MOUNTED UNIT**



- designed to allow maximum use of floor space
- modern, space saving configuration
- even air distribution via automatic movable louvre that can also be fixed at any desired angle

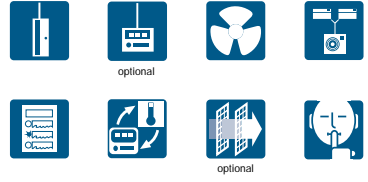
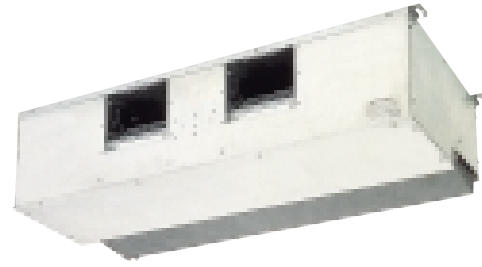
Refrigerant: R-22 • Power supply: V1: 1-, 230V, 50 Hz

| COOLING ONLY         |          | FAY71FJV1           | FAY100FJV1            |
|----------------------|----------|---------------------|-----------------------|
| Cooling capacity     | kW       | 7.4                 | 9.9                   |
| Nominal input        | kW       | 3.1(V1)/2.9(W1)     | 3.7(V1)/3.4(W1)       |
| Dimensions           | HxWxD    | mm                  | 360x1,570x200         |
| Weight               | kg       | 26                  | 27                    |
| Air flow rate        | H/L      | m <sup>3</sup> /min | 19/16                 |
| Sound pressure level | H/L      | dB(A)               | 41/37                 |
| Sound power level    | H        | dB(A)               | 57                    |
| Outdoor unit         | see page | 35                  | R-FJ7V1/W1 R-FJ7V1/W1 |

Refrigerant: R-22 • Power supply: V1: 1-, 230V, 50 Hz

| HEAT PUMP            |          | FAY71FJV1           | FAY100FJV1              |
|----------------------|----------|---------------------|-------------------------|
| Cooling capacity     | kW       | 7.3                 | 10.3                    |
| Heating capacity     | kW       | 8.3                 | 12.0                    |
| Nominal input        | cooling  | kW                  | 3(V1)/2.9(W1)           |
|                      | heating  | kW                  | 3(V1)/2.9(W1)           |
| Dimensions           | cooling  | kW                  | 3.8(V1)/3.6(W1)         |
|                      | heating  | kW                  | 4.1(V1)/3.9(W1)         |
| Dimensions           | HxWxD    | mm                  | 360x1,570x200           |
| Weight               | kg       | 26                  | 27                      |
| Air flow rate        | H/L      | m <sup>3</sup> /min | 19/16                   |
| Sound pressure level | H/L      | dB(A)               | 42/38                   |
| Sound power level    | H        | dB(A)               | 57                      |
| Outdoor unit         | see page | 36                  | RY-FJ7V1/W1 RY-FJ7V1/W1 |





**CONCEALED CEILING UNIT**

**FDY-F**

- extremely compact
- the maximum external static pressure (ESP) ranges from 15 till 25 mmH<sub>2</sub>O
- only air suction & discharge grilles are visible
- optimum air distribution

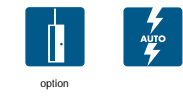


Refrigerant: R-22 • Power supply: V1: 1-, 230V, 50 Hz

| COOLING ONLY         |          |                     | FDY125F7V1    | FDY200F7V1    | FDY250F7V1 |
|----------------------|----------|---------------------|---------------|---------------|------------|
| Cooling capacity     | kW       |                     | 12.4          | 20            | 24.2       |
| Nominal input        | kW       |                     | 5.1           | 8.1           | 9.4        |
| Dimensions           | HxWxD    | mm                  | 350x1,400x662 | 450x1,400x900 |            |
| Weight               | kg       |                     | 57            | 84            | 86         |
| Air flow rate        | M        | m <sup>3</sup> /min | 45            | 72            | 90         |
| Sound pressure level | M        | dB(A)               | 44            | 45            | 47         |
| Sound power level    | M        | dB(A)               | 78            | 83            | 83         |
| Outdoor unit         | see page | 35                  | R-FJ7W1       | R-F7W1        | R-F7W1     |

Refrigerant: R-22 • Power supply: V1: 1-, 230V, 50 Hz

| HEAT PUMP            |          |                     | FDY125F7V1    | FDY200F7V1    | FDY250F7V1 |
|----------------------|----------|---------------------|---------------|---------------|------------|
| Cooling capacity     | kW       |                     | 12.4          | 19.5          | 25         |
| Heating capacity     | kW       |                     | 13.4          | 23.4          | 27         |
| Nominal input        | cooling  | kW                  | 5.1           | 7.9           | 9.4        |
|                      | heating  | kW                  | 4.5           | 6.8           | 8.1        |
| Dimensions           | HxWxD    | mm                  | 350x1,400x662 | 450x1,400x900 |            |
| Weight               | kg       |                     | 57            | 84            | 86         |
| Air flow rate        | M        | m <sup>3</sup> /min | 45            | 72            | 90         |
| Sound pressure level | M        | dB(A)               | 44            | 45            | 47         |
| Sound power level    | M        | dB(A)               | 78            | 83            | 83         |
| Outdoor unit         | see page | 36                  | RY-FJ7W1      | RY-F7W1       | RY-F7W1    |



**UAT(Y)**



**PACKAGED UNITS**

- provides comfort conditions for large areas such as department stores or warehouses
- distributes supply and return air via ducts, ensuring optimum air distribution
- only inlet and discharge grilles are visible



Refrigerant: R-22 • Power supply: Y1: 3-, 400V, 50 Hz

| COOLING ONLY         |       |                     | UAT12JY1          | UAT22JAY1         | UAT30HY1          |
|----------------------|-------|---------------------|-------------------|-------------------|-------------------|
| Cooling capacity     | kW    |                     | 30.9              | 59.3              | 97.1              |
| Nominal input        | kW    |                     | 9.9               | 21.2              | 31.4              |
| Dimensions           | HxWxD | mm                  | 1,000x1,175x1,450 | 1,300x1,965x1,760 | 1,755x2,860x1,340 |
| Weight               | kg    |                     | 340               | 660               | 1080              |
| Nominal air flow     |       | m <sup>3</sup> /min | 95                | 200               | 295               |
| Sound pressure level | H/L   | dB(A)               | 72                | 80                | 79                |
| Sound power level    | H     | dB(A)               | -                 | -                 | -                 |

Refrigerant: R-22 • Power supply: Y1: 3-, 400V, 50 Hz

| HEAT PUMP                     |         | UATY06KY1           | UATY08KY1       | UATY09KY1         | UATY10KY1         | UATY15KY1         | UATY18KY1         | UATY21KY1         |
|-------------------------------|---------|---------------------|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Cooling capacity              | kW      | 17.7                | 22.0            | 26.4              | 31.4              | 43.9              | 52.7              | 61.6              |
| Heating capacity              | kW      | 18.1                | 23.0            | 26.9              | 32.1              | 46.1              | 54.2              | 62.8              |
| Nominal input                 | cooling | kW                  | 5.8             | 6.3               | 8.2               | 9.9               | 13.0              | 19.8              |
|                               | heating | kW                  | 5.3             | 5.7               | 7.7               | 9.4               | 11.8              | 18.5              |
| Dimensions                    | HxWxD   | mm                  | 1,490x690x1,750 | 1,270x1,600x1,280 | 1,270x1,600x1,280 | 1,490x1,600x1,280 | 1,270x1,980x1,980 | 1,270x1,980x1,980 |
| Weight                        | kg      |                     | 230             | 326               | 329               | 344               | 650               | 656               |
| Nominal air flow (indoor fan) |         | m <sup>3</sup> /min | 52              | 68                | 68                | 83                | 136               | 166               |
| Sound pressure level          | H/L     | dB(A)               | 62              | 63                | 63                | 64                | 66                | 66                |
| Sound power level             | H       | dB(A)               | -               | -                 | -                 | -                 | -                 | -                 |

\* Sound power levels were not available at the time of publication.



*Daikin outdoor units are neat and sturdy and can be mounted easily on a roof or terrace or simply placed against an outside wall. They are fitted with either rotary or scroll compressor, renowned for low noise and high energy efficiency. A special acryl precoated fin for anti-corrosion treatment on the heat exchanger ensures greater resistance against severe weather conditions.*

# Outdoor units



**R(E)**

**PAIR APPLICATION - COOLING ONLY**



Refrigerant: R-22 • Power supply: V1: 1~, 230V, 50 Hz / W1: 3N~, 400V, 50 Hz

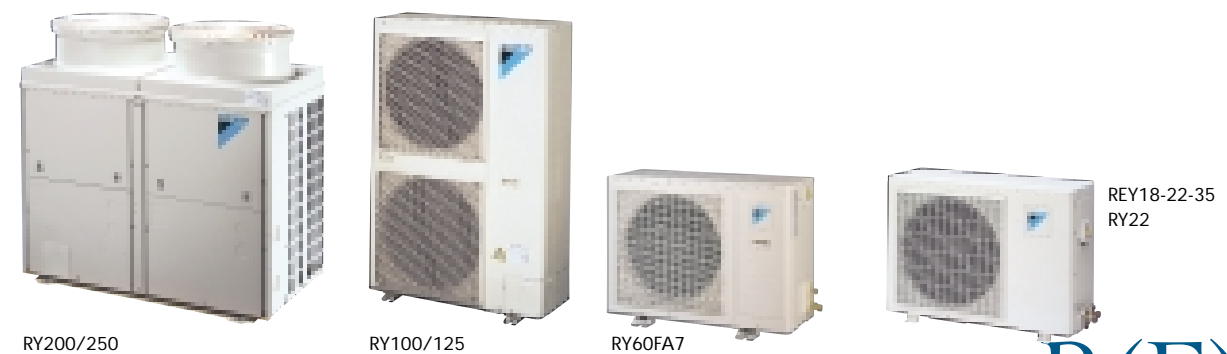
| COOLING ONLY R-22    |          | RE18GA7V1   | RE25GA7V1 | R25DC7V11 | RE35GA7V1 | R35DC7V11 | RE40GA7V1 | R45DC7V11/W11 | R60FA7V1/W1 |
|----------------------|----------|-------------|-----------|-----------|-----------|-----------|-----------|---------------|-------------|
| Dimensions           | HxWxD mm | 540x750x270 |           |           |           |           |           |               | 660x880x350 |
| Weight               | kg       | 28          | 30        | 31        | 34        | 39        | 43        | 45            | 64          |
| Sound pressure level | dBA      | 45          | 45        | 43        | 49        | 48        | 50        | 50            | 54          |
| Sound power level    | dBA      | 56          | 58        | 56        | 62        | 61        | 63        | 63            | 67          |
| Operation range      | °CDB     | 20-43       | 20-43     | -15-46    | 20-43     | -15-46    | 20-43     | -15-46        | -15-46      |

Refrigerant: R-22 • Power supply: V1: 1~, 230V, 50 Hz / W1: 3N~, 400V, 50 Hz

| COOLING ONLY R-22    |          | R71FJ7V1/W1   | R100FJ7V1/W1   | R125FJ7W1     | R200F7W1        | R250F7W1        |
|----------------------|----------|---------------|----------------|---------------|-----------------|-----------------|
| Dimensions           | HxWxD mm | 860x830x320   | 1,215x830x320  | 1,215x880x320 | 1,220x1,290x700 | 1,440x1,290x700 |
| Weight               | kg       | 77(V1)/74(W1) | 100(V1)/95(W1) | 97            | 169             | 191             |
| Sound pressure level | dBA      | 48            | 51             | 51            | 56              | 57              |
| Sound power level    | dBA      | 62            | 64             | 65            | 77              | 78              |
| Operation range      | °CDB     | -15-46        | -15-46         | -15-46        | -5-46           | -5-46           |

Refrigerant: R-407C • Power supply: V1: 1~, 230V, 50 Hz / W1: 3N~, 400V, 50 Hz

| COOLING ONLY R-407C  |          | R25GZ7V11   | R35GZ7V11 | R45GZ7V11/W11 | R71GZ7V1/W1/T1 | R100GZ7V1/W1/T1 | R125GZ7W1/T1  |
|----------------------|----------|-------------|-----------|---------------|----------------|-----------------|---------------|
| Dimensions           | HxWxD mm | 540x750x270 |           |               | 860x830x320    | 1,215x830x320   | 1,215x880x320 |
| Weight               | kg       | 32          | 39        | 46            | 77/74/74       | 100/95/95       | 97            |
| Sound pressure level | dBA      | 44          | 48        | 51            | 50             | 53              | 53            |
| Sound power level    | dBA      | 58          | 61        | 64            | 62             | 65              | 65            |
| Operation range      | °CDB     | -15-46      | -15-46    | -15-46        | -15-46         | -15-46          | -15-46        |



**PAIR APPLICATION - HEAT PUMP** **R(E)Y**

Refrigerant: R-22 • Power supply: V1: 1~, 230V, 50Hz / W1: 3N~, 400V, 50Hz

| HEAT PUMP R-22                       |         |      | RY18GA7V1   | RY22GA7V1 | RY22DB7V1 | RY35GA7V1 | RY35DA7V1   | RY40GA7V1 | RY45DB7V1 | RY60FA7V1 |
|--------------------------------------|---------|------|-------------|-----------|-----------|-----------|-------------|-----------|-----------|-----------|
| Dimensions                           | HxWxD   | mm   | 540x750x270 |           |           |           | 660x880x350 |           |           |           |
| Weight                               | kg      |      | 29          | 31        | 37        | 39        | 50          | 50        | 57        | 72        |
| Sound pressure level (H) cool./heat. | dB(A)   |      | 44/45       | 44/45     | 44/45     | 48/50     | 46/47       | 46/49     | 47/48     | 54/55     |
| Sound power level (H) cool./heat.    | dB(A)   |      | 57/58       | 57/58     | 57/58     | 61/63     | 59/60       | 59/62     | 60/61     | 67/68     |
| Operation range                      | cooling | °CDB | 20-43       | 20-43     | -5-46     | 20-43     | -5-46       | 20-43     | -5-46     | -15-46    |
|                                      | heating | °CWB | -10-15.5    | -10-15.5  | -10-15.5  | -10-15.5  | -10-15.5    | -10-15.5  | -10-15.5  | -10-15.5  |

Refrigerant: R-22 • Power supply: V1: 1~, 230V, 50Hz / W1: 3N~, 400V, 50Hz

| HEAT PUMP R-22                       |         |      | RY71FJ7V1/W1 | RY100FJ7V1/W1 | RY125FJ7V1    | RY200F7W1       | RY250F7W1       |
|--------------------------------------|---------|------|--------------|---------------|---------------|-----------------|-----------------|
| Dimensions                           | HxWxD   | mm   | 860x830x320  | 1,215x830x320 | 1,215x880x320 | 1,220x1,290x700 | 1,440x1,290x700 |
| Weight                               | kg      |      | 81/78        | 101/96        | 102           | 170             | 195             |
| Sound pressure level (H) cool./heat. | dB(A)   |      | 48/50        | 51/53         | 51/53         | 58/59           | 58/59           |
| Sound power level (H) cool./heat.    | dB(A)   |      | 61           | 64            | 64            | 79/80           | 79/80           |
| Operation range                      | cooling | °CDB | -5-46        | -5-46         | -5-46         | 0-46            | 0-46            |
|                                      | heating | °CWB | -10-15       | -10-15        | -10-15        | -10-15          | -10-15          |

Refrigerant: R-407C • Power supply: V1: 1~, 230V, 50Hz / W1: 3N~, 400V, 50Hz

| HEAT PUMP R-407C                     |         |      | RY35EAZ7V1  | RY45EAZ7V1  | RY71GZ7V1/W1 | RY100GZ7V1/W1 | RY125GZ7V1    |
|--------------------------------------|---------|------|-------------|-------------|--------------|---------------|---------------|
| Dimensions                           | HxWxD   | mm   | 660x880x350 | 660x880x350 | 860x830x320  | 1,215x830x320 | 1,215x880x320 |
| Weight                               | kg      |      | 50          | 57          | 81/78        | 101/96        | 102           |
| Sound pressure level (H) cool./heat. | dB(A)   |      | 46/48       | 47/48       | 50/52        | 53/56         | 53/56         |
| Sound power level (H) cool./heat.    | dB(A)   |      | 59/60       | 60/61       | 62/-         | 65/-          | 65/-          |
| Operation range                      | cooling | °CDB | -5-46       | -5-46       | -5-46        | -5-46         | -5-46         |
|                                      | heating | °CWB | -10-15.5    | -10-15.5    | -10-15       | -10-15        | -10-15        |

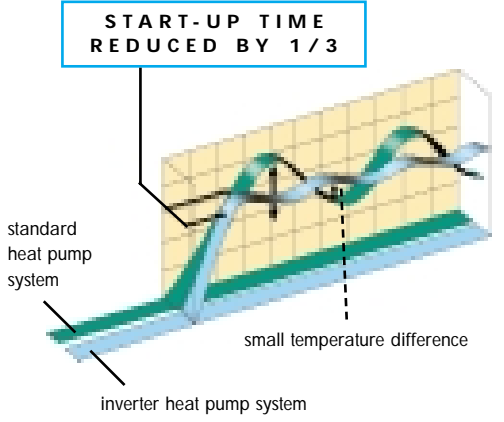


**PAIR APPLICATION - INVERTER CONTROLLED** **RK-J/RX-J/RXT-JZ**

**Inverter Control:**

The use of integrated inverter control ensures maximum comfort and efficiency

- **Short start up cycle**  
Inverter control enables the required room temperature to be achieved quicker than with non inverter units, in fact, start up time is reduced by one third.
- **30 % less power consumption**  
The inverter controlled air conditioning detects changes in room or outdoor conditions and adjusts the indoor temperature to compensate within seconds. Rapid response reduces power consumption to 30% lower than that of non inverter systems.



• **Whisper quiet**

Inverter controlled air conditioners, like all Daikin systems, are extremely quiet in operation. Only the extraordinary pleasure of the indoor environment betrays their existence.

• In case of RXT40-50G the use of the **PAM** (Pulse Amplitude Modulation) inverter technology results in better cooling and heating performances and lower energy consumption.

Refrigerant: R-22 • Power supply: V1: 1~, 230V, 50 Hz

| CO/HP                              |         | RK25JV1NB   | RK35JV1NB | RX25JV1NB   | RX35JV1NB | RXT40GV1NB  | RXT50GV1NB |
|------------------------------------|---------|-------------|-----------|-------------|-----------|-------------|------------|
| Dimensions                         | HxWxD   | 550x695x265 |           | 550x695x265 |           | 640x685x285 |            |
| Weight                             | kg      | 33          | 35        | 33          | 35        | 37          | 37         |
| Sound pressure level (H) cool/heat | dB(A)   | 46/-        | 47/-      | 46/47       | 47/48     | 46/50       | 49/51      |
| Sound power level (H) cool/heat    | dB(A)   | 59          | 60        | 59/60       | 60/61     | 59          | 62         |
| Standard oper. range               | cooling | °CDB 10-46  |           | 10-46       |           | 10-46       |            |
|                                    | heating | °CWB -      |           | -10-15      |           | -15-15      |            |

Refrigerant: R-407C • Power supply: V1: 1~, 230V, 50 Hz

| HEAT PUMP                          |         |      | RXT25JV1NB  | RXT35JV1NB |
|------------------------------------|---------|------|-------------|------------|
| Dimensions                         | HxWxD   | mm   | 550x695x245 |            |
| Weight                             | kg      |      | 36          |            |
| Sound pressure level (H) cool/heat | dB(A)   |      | 46/48       | 47/49      |
| Sound power level (H) cool/heat    | dB(A)   |      | 61/63       | 62/64      |
| Standard oper. range               | cooling | °CDB | 10-43       |            |
|                                    | heating | °CWB | -10-15      |            |



RZY

**SKY AIR APPLICATION  
INVERTER CONTROLLED**

- increased comfort thanks to the air flow adjustment grille. The grille can be altered in 4 directions according to how it is installed
- the outdoor unit operates very quietly
- the outdoor unit can easily be mounted on a roof or terrace or placed against an outside wall
- possible indoor units are FHYB71FV1 (see p.30) and FHYC71BJV1 (see p.26)



Room temperatures fluctuate constantly, depending on the number of people present in an office or shop, or on the amount of office equipment in use at any one time. Besides these indoor fluctuations there are variations in day and night outdoor temperatures as well. The Super Inverter controlled unit closely monitors these variations and maintains the room temperature at the most comfortable level. In this way the Super Inverter drastically saves on power consumption creating an ideal climate in shops and offices.

The longer it operates, the greater the savings!

Longer business hours mean longer operating periods for the air conditioning and in contrast with Super Inverter controlled equipment, this results in increased power consumption on non inverter units. The application of inverter technology reduces unit power consumption by keeping temperatures constant, thus additional business hours do not necessarily lead to higher costs.

Refrigerant: R-22 • Power supply: V1: 1-, 230V, 50 Hz

| HEAT PUMP                               |              | RZY71LV1    |  |
|---|--------------|-------------|--|
| Dimensions                              | HxWxD mm     | 860x830x320 |  |
| Weight                                  | kg           | 91          |  |
| Sound pressure level(H) cooling/heating | dB(A)        | 51/53       |  |
| Sound power level                       | H dB(A)      | *           |  |
| Operation range                         | cooling °CDB | -5 - 50     |  |
|   | heating °CWB | -15 - 15.5  |  |



ER/ERC

**CONDENSING UNITS**

Refrigerant: R-22 • Power supply: V1: 1-, 230V, 50 Hz / W1: 3N-, 400V, 50 Hz / T1=3-, 220V, 50Hz

| ER                   | ER3DAW1/T1/V1 | ER5DAW1/T1  | ER8DAW1/T1    | ER10DAW1/T1     |                 |
|----------------------|---------------|-------------|---------------|-----------------|-----------------|
| Dimensions           | HxWxD mm      | 796x922x373 | 1,179x922x373 | 1,254x1,390x373 | 1,560x1,390x373 |
| Weight               | kg            | 85          | 130           | 185             | 210             |
| Sound pressure level | dB(A)         | 54          | 58            | 59              | 60              |
| Sound power level    | dB(A)         | 67          | 71            | 72              | 73              |
| Standard oper. range | °CDB          | 0-43        | 0-43          | 0-43            | 0-43            |
| Optional oper. range | °CDB          | -15-43      | -15-43        | -15-43          | -15-43          |

Refrigerant: R-22 • Power supply: T1: 3-, 220V, 50 Hz / W1: 3N-, 400V, 50 Hz

| ERC                  | ERC3CBW1/T1 | ERC5CBW1/T1   | ERC8CBW1/T1   | ERC10CBW1/T1    |                 |
|----------------------|-------------|---------------|---------------|-----------------|-----------------|
| Dimensions           | HxWxD mm    | 1,100x675x605 | 1,345x795x605 | 1,290x1,125x605 | 1,395x1,275x605 |
| Weight               | kg          | 105           | 160           | 215             | 250             |
| Sound pressure level | dB(A)       | 54            | 58            | 59              | 60              |
| Sound power level    | dB(A)       | *             | *             | *               | *               |
| Standard oper. range | °CDB        | 0-43          | 0-43          | 0-43            | 0-43            |
| Optional oper. range | °CDB        | -10-43        | -10-43        | -10-43          | -10-43          |

\* Sound power levels were not available at the time of publication

## MULTI MODEL APPLICATION - POSSIBLE INDOOR UNITS

### Outdoor units for multi model application

With Multi outdoor units, it is possible to connect up to 5 indoor units of different capacities to a single outdoor unit, thereby reducing installation space and costs.

It is possible to combine different types of indoor units as well (e.g. wall mounted, ceiling mounted corner cassette). All indoor units remain individually controllable and do not need to be installed at the same time or in the same room. Further units can always be added at a later stage. Moreover, the energy consumption of a Daikin Multi model system can be up to 20% lower than that of a separate indoor and outdoor unit combination.

Multi outdoor units are equipped with a rotary compressor, renowned for its low sound level and high energy efficiency (multi inverter units are equipped with a horizontal scroll compressor).

Notes: Multi units are certified by Eurovent for combinations up to two indoor units.

| MULTI MODEL APPLICATION - COOLING ONLY - R-22 |      | 18 | 25 | 35 | 40 | 45 | 60 |
|---|------|----|----|----|----|----|----|
| Wall mounted unit                             | FT   | X  | X  | X  | X  | X  | X  |
| Concealed ceiling unit                        | FHEB | X  | X  |    |    |    |    |
| Floor standing unit                           | FV   |    | X  | X  |    | X  | X  |
| Flexi type unit                               | FL   |    | X  | X  |    | X  |    |
| Ceiling suspended unit                        | FH   |    |    | X  |    | X  | X  |
| 4-way blow ceiling mounted cassette           | FHC  |    |    | X  |    | X  | X  |
| Ceiling mounted corner cassette               | FHK  |    |    | X  |    | X  | X  |
| Concealed ceiling unit                        | FHB  |    |    | X  |    | X  | X  |

| MULTI MODEL APPLICATION - COOLING ONLY - R-407C |         | 25 | 35 | 45 |
|---|---------|----|----|----|
| Wall mounted unit                               | FT-GZ   | X  | X  | X  |
| Concealed ceiling unit                          | FHEB-GZ | X  |    |    |
| Ceiling suspended unit                          | FH-GZ   |    | X  | X  |
| 4-way blow ceiling mounted cassette             | FHC-GZ  |    | X  | X  |
| Concealed ceiling unit                          | FHB-GZ  |    | X  | X  |

| MULTI MODEL APPLICATION - HEAT PUMP - R-22 |       | 18 | 22 | 35 | 40 | 45 | 60 |
|--|-------|----|----|----|----|----|----|
| Wall mounted unit                          | FTY   | X  | X  | X  | X  | X  | X  |
| Concealed ceiling unit                     | FHEYB | X  | X  |    |    |    |    |
| Floor standing unit                        | FCVY  |    | X  | X  |    | X  |    |
| Flexi type unit                            | FLY   |    | X  | X  |    | X  |    |

| MULTI MODEL APPLIC., INV. CONTROLLED - COOLING ONLY - R-22 |     | 25 | 35 | 50 | 60 |
|--|-----|----|----|----|----|
| Wall mounted unit  | FTK | X  | X  | X  | X  |
| Concealed ceiling unit                                     | CDK | X  | X  | X  | X  |

| MULTI MODEL APPLIC., INV. CONTROLLED - HEAT PUMP - R-22 |     | 25 | 35 | 50 | 60 |
|---|-----|----|----|----|----|
| Wall mounted unit                                       | FTX | X  | X  | X  | X  |
| Concealed ceiling unit                                  | CDX | X  | X  | X  | X  |



MA90



MEY32

## MA(E)/M(E)Y

### MULTI MODEL APPLICATION

Refrigerant: R-22/R-407C • Power supply: V1: 1-, 230V, 50 Hz / W1: 3N-, 400V, 50 Hz

| COOLING ONLY                          |               | MAE25GA7V1  | MAE32GA7V1  | MA45DA7V1   | MA56DB7V1/W1 | MA90CK7V1/W1 | MA90CZ7V11/W11 |
|---------------------------------------|---------------|-------------|-------------|-------------|--------------|--------------|----------------|
| Max. nr. of indoor units              |               | 2           | 2           | 3           | 4            | 5            | 5              |
| Maximum capacity                      | kW            | 2.9         | 3.6         | 4.8         | 6.02         | 8.78         | 8.34           |
| Maximum nominal input                 | kW            | 0.9         | 1.34        | 1.42        | 1.83         | 3.07         | 2.86           |
| Dimensions                            | HxWxD mm      | 540x750x270 | 540x750x270 | 660x880x350 | 660x880x350  | 865x880x350  | 865x880x350    |
| Weight                                | kg            | 31          | 36          | 50          | 62           | 82           | 87             |
| Sound pressure level                  | H dBA         | 45          | 49          | 48          | 52           | 56           | 56             |
| Sound power level                     | dBA           | 58          | 62          | 61          | 65           | 67/68        | 67/68          |
| Operation range (ambient temperature) | standard °CDB | 20-43       | 20-43       | 19.4-46     | 19.4-46      | 19.4-46      | 19.4-46        |
|                                       | optional °CWB | /           | /           | -15-46      | -15-46       | -5-46        | -5-46          |

Refrigerant: R-22 • Power supply: V1: 1-, 230V, 50 Hz / W1: 3N-, 400V, 50 Hz

| HEAT PUMP                             |              | MEY32GA7V1  | MY56DA7V1   | MY90CJ7V1/W1 |
|---------------------------------------|--------------|-------------|-------------|--------------|
| Max. nr. of indoor units              |              | 2           | 3           | 5            |
| Maximum capacity                      | cooling kW   | 3.95        | 5.8         | 8.45         |
|                                       | heating kW   | 3.8         | 5.95        | 9.43         |
| Maximum nominal input                 | cooling kW   | 1.38        | 2.19        | 3.12         |
|                                       | heating kW   | 1.06        | 2.25        | 2.49         |
| Dimensions                            | HxWxD mm     | 660x880x350 | 660x880x350 | 865x880x350  |
| Weight                                | kg           | 50          | 72          | 96/95        |
| Sound pressure level                  | cooling dBA  | 46          | 46          | 56           |
|                                       | heating dBA  | 47          | 49          | 57           |
| Sound power level                     | cooling dBA  | 58          | 59          | 68           |
|                                       | heating dBA  | 60          | 62          | 69/70        |
| Operation range (ambient temperature) | cooling °CDB | 20-43       | -5-46       | -5-46        |
|                                       | heating °CWB | -10-15.5    | -10-15.5    | -7-15.5      |

Note: The power consumption mentioned in the table above is the TOTAL power consumption, i.e. based on the combination with FT(Y)...GV1B indoor unit(s).





INVERTER

**MULTI MODEL APPLICATION  
INVERTER CONTROLLED**

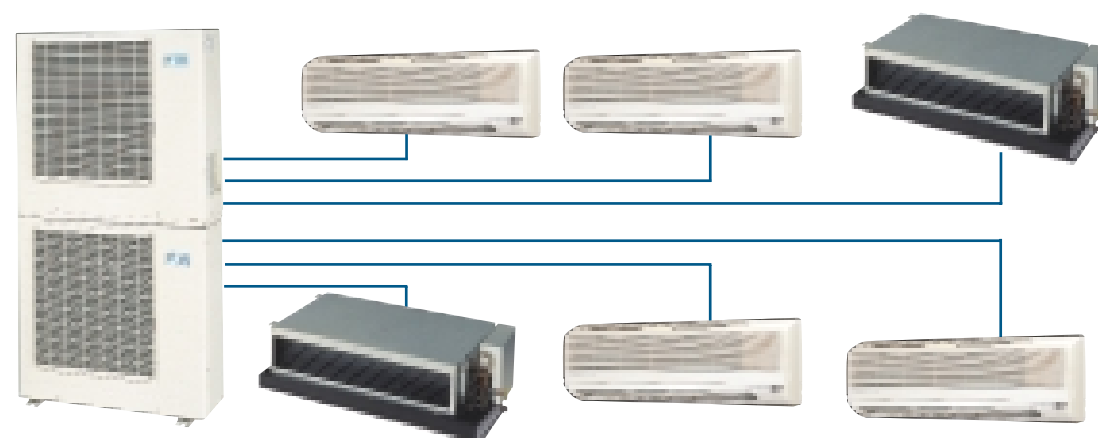
**2MX/3MX/4MX/4MK**

**Multi model application, inverter controlled**

Wall mounted and concealed ceiling, inverter controlled units can be installed in multi model application. Combination with non-inverter indoor units is not possible.

Multi inverter controlled outdoor units can be placed on top of each other\*, thereby saving installation space. An optional fixing plate between the 2 outdoor units is necessary.

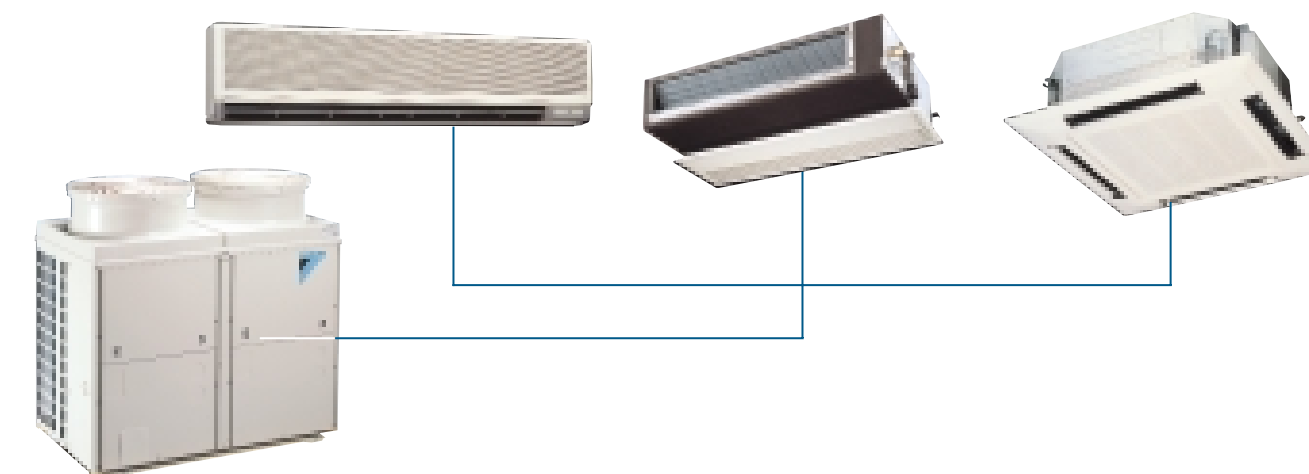
\* 3MX68HV1NB/2MX52HV1NB units only



Refrigerant: R-22 • Power supply: V1: 1-, 230V, 50 Hz

| HP/CO                                      |         | 2MX52HV1NB         | 3MX68HV1NB         | 4MX80HV1NB         | 4MK90HV1NB         |
|--|---------|--------------------|--------------------|--------------------|--------------------|
| Max. nr. of indoor units                   |         | 2                  | 3                  | 4                  | 4                  |
| Maximum capacity                           | cooling | 3.60 - 5.20 - 5.34 | 3.90 - 6.80 - 7.24 | 4.37 - 8 - 9.13    | 4.33 - 9 - 9.40    |
|  | heating | 4.56 - 6.10 - 7.80 | 1.20 - 2.47 - 2.81 | 5.83 - 9.6 - 10.63 | /                  |
| Maximum nominal input                      | cooling | 1.09 - 2.10 - 2.30 | 4.60 - 8.60 - 9.45 | 1.29 - 2.59 - 3.76 | 1.16 - 3.24 - 3.53 |
|  | heating | 1.20 - 1.74 - 2.57 | 1.11 - 2.61 - 3.07 | 1.35 - 2.58 - 3.07 | /                  |
| Dimensions                                 | HxWxD   | 660x790x330        | 750x790x300        | 860x790x300        |                    |
| Weight                                     | kg      | 61                 | 69                 | 80                 | 75                 |
| Sound pressure level                       | cooling | 45                 | 47                 | 49                 | 49                 |
|  | heating | 46                 | 48                 | 49                 | /                  |
| Sound power level                          | H       | *                  | *                  | *                  | *                  |
| Standard oper. range (ambient temperature) | cooling | °CDB 21-43         | °CDB 21-43         | °CDB 10-43         | °CDB 10-43         |
|  | heating | °CWB -10-15        | °CWB -10-15        | °CWB -10-15        | /                  |

\* Sound power levels were not available at the time of publication.



**OUTDOOR UNITS FOR TWIN, TRIPLE AND DOUBLE TWIN APPLICATION**

It is possible to connect 2,3 or 4 indoor units to a single outdoor unit. The indoor units may be of different types (e.g. ceiling mounted 4-way blow cassette, wall mounted, ...) and even different capacities (e.g. 45 and 60 class).

All indoor units are operated together within the same mode (cooling or heating) from one remote control. This allows equal air distribution, even in larger, irregularly shaped rooms.

For specifications of outdoor units, see pages 35 (cooling only) and 36 (heat pump).

The total capacities (outdoor base) for simultaneous operation are the same as for the pair applications.

example: R200 + FHY71 + FAY71 + FHYB71  
= R200 + FDY200  
= 20.0 kW

|                |     | POSSIBLE INDOOR APPLICATIONS<br>SIMULTANEOUS OPERATION |        |             |  |
|----------------|-----|--|--------|-------------|--|
| SYSTEM LAY-OUT |     | TWIN   | TRIPLE | DOUBLE TWIN |  |
| OUTDOOR UNIT   | 71  |  |        |             |  |
|                | 100 |  |        |             |  |
|                | 125 |  |        |             |  |
|                | 200 |  |        |             |  |
|                | 250 |  |        |             |  |

Note 1 : Possible indoor types R-22: FHYC35-125 - FUY71-125 - FHYK35-71 - FAY71/100 - FHY35-60 - FHY71-125 - FHYB35-125 - FDY125

Note 2 : Combinations marked with \* are also available with the ozone-friendly refrigerant R-407C. Possible indoor types are FHYC - FHY - FHYB 35-71. Replace refnet kits with KHRP79BA7 and KHRP86HA7.

Note 3 : Between brackets the required refnet kits are mentioned necessary to install the combination.



# 3

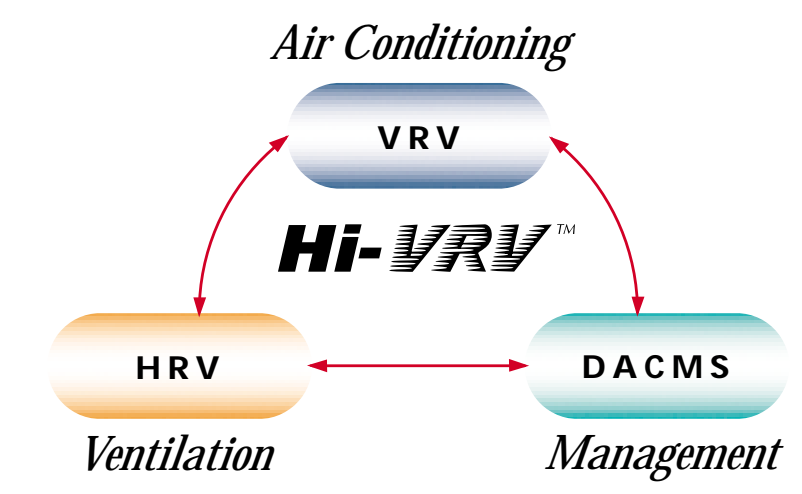
# Hi-VRV



THE COMPLETE AIR CONDITIONING SYSTEM

*Rising energy and general building services running costs have led end users to expect far more than just cooling and heating from their air conditioning. A truly complete and acceptable system therefore, must be energy efficient, economic to run, easy to install, flexible, reliable and user friendly. Fresh air must also be supplied without increasing energy consumption and central management and control facilities have gained in importance, particularly for medium to large sized buildings.*

*The Daikin Hi-VRV system meets all these requirements:*



*VRV air conditioning can be found in offices, restaurants, theatres, hospitals, universities, museums, shops - in short, in any location where the provision of a balanced, pleasant working environment can improve the lifestyle and comfort of the individual.*

# VRV

## VARIABLE REFRIGERANT VOLUME

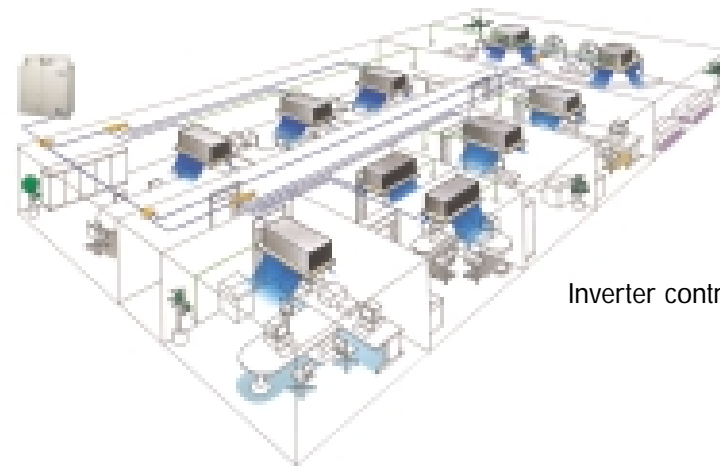
The VRV system is available in inverter driven cooling only, heat pump and heat recovery format, each designed to provide efficient and flexible comfort cooling and/or heating in a wide range of public and private commercial premises.

An electronic expansion valve continually adjusts the flow of refrigerant to respond to the load requirements of the indoor units, enabling the system to maintain temperatures at a virtually constant and comfortable level without the fluctuations typical of ON/OFF control systems.

The ability to control each conditioned zone keeps VRV system running costs to an absolute minimum. Furthermore, only those areas calling for air conditioning need to be cooled or heated and the system can be shut down completely in unoccupied rooms.

### VRV Inverter series for either cooling or heating

The system links up to 16 smart, stylish indoor units with a single outdoor unit, enabling cooling or heating to be supplied from the same refrigeration circuit.



Inverter controlled

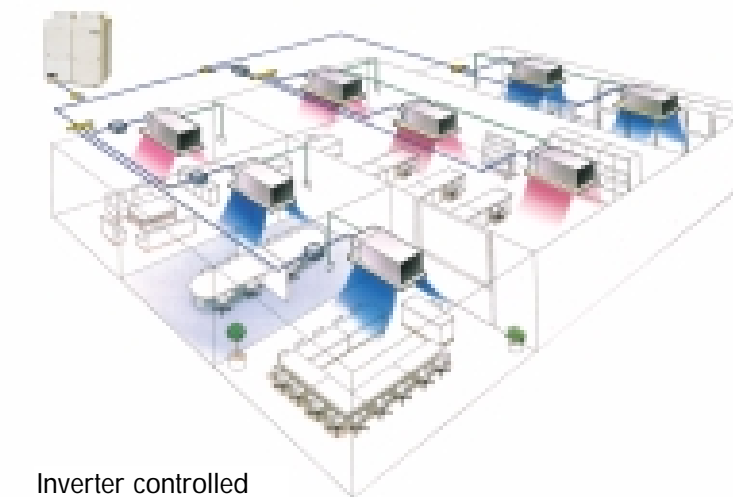
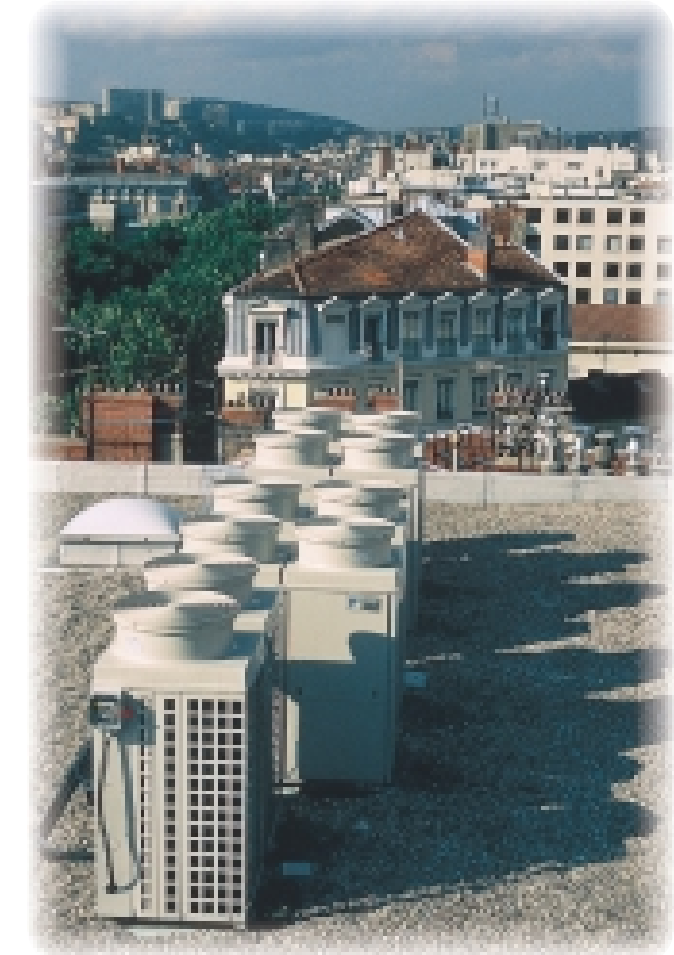
Refrigerant: R-22 • Power supply: W1: 3N-, 400V, 50 Hz

| INVERTER HP/CO R-22         |                     | RSXY5KA7W1 | RSXY8KA7W1    | RSXY10KA7W1     | RSX5KA7W1       | RSX8KA7W1       | RSX10KA7W1      |
|-----------------------------|---------------------|------------|---------------|-----------------|-----------------|-----------------|-----------------|
| Cooling capacity            | kW                  | 14.0       | 22.4          | 28.0            | 14.0            | 22.4            | 28.0            |
| Heating capacity            | kW                  | 16.0       | 25.0          | 31.5            | -               | -               | -               |
| Nominal input               | cooling             | 6.10       | 9.43          | 11.8            | 6.10            | 9.43            | 11.8            |
|                             | heating             | 5.40       | 8.48          | 10.5            | -               | -               | -               |
| Dimensions                  | HxWxD               | mm         | 1,440x635x690 | 1,220x1,280x690 | 1,440x1,280x690 | 1,220x1,280x690 | 1,440x1,280x690 |
| Weight                      | kg                  | 140        | 230           | 250             | 140             | 230             | 250             |
| Air flow rate               | m <sup>3</sup> /min | 80         | 150           | 170             | 80              | 150             | 170             |
| Sound pressure level (380V) | dB(A)               | 54         | 57            | 57              | 54              | 57              | 57              |
| Operation range             | cooling             | °CDB       | -5 ~ 43       |                 | -5 ~ 43         |                 |                 |
|                             | heating             | °CWB       | -15 ~ 15.5    |                 | -               |                 |                 |

Refrigerant: R-407C • Power supply: W1: 3N-, 400V, 50 Hz

| INVERTER HP/CO R-407C       |                     | RSXP5K7W1 | RSXP8K7W1     | RSXP10K7W1      | RSXP5K7W1       | RSXP8K7W1       | RSXP10K7W1      |
|-----------------------------|---------------------|-----------|---------------|-----------------|-----------------|-----------------|-----------------|
| Cooling capacity            | kW                  | 14.0      | 22.4          | 28.0            | 14.0            | 22.4            | 28.0            |
| Heating capacity            | kW                  | 16.0      | 25.0          | 31.5            | -               | -               | -               |
| Nominal input               | cooling             | 6.10      | 9.43          | 11.8            | 6.10            | 9.43            | 11.8            |
|                             | heating             | 5.67      | 8.66          | 11.0            | -               | -               | -               |
| Dimensions                  | HxWxD               | mm        | 1,440x635x690 | 1,220x1,280x690 | 1,440x1,280x690 | 1,220x1,280x690 | 1,440x1,280x690 |
| Weight                      | kg                  | 137       | 227           | 248             | 137             | 227             | 248             |
| Air flow rate               | m <sup>3</sup> /min | 80        | 150           | 170             | 80              | 150             | 170             |
| Sound pressure level (380V) | dB(A)               | 54        | 57            | 58              | 54              | 57              | 58              |
| Operation range             | cooling             | °CDB      | -5 ~ 43       |                 | -5 ~ 43         |                 |                 |
|                             | heating             | °CWB      | -15 ~ 15.5    |                 | -               |                 |                 |

Modular design enables Daikin VRV outdoor units to be joined together in rows with an outstanding degree of uniformity. The design of the outdoor units is sufficiently compact to allow them to be taken up to the top of a building in a commercial elevator, overcoming site transportation problems.



Inverter controlled

### VRV heat recovery series for simultaneous cooling and heating

The system combines 16 indoor units and one outdoor unit, with remarkable savings in energy consumption. Heat recovery is achieved by diverting exhaust heat from indoor units in cooling mode to those areas requiring heating.

Refrigerant: R-22/R-407C • Power supply: Y1:3-, 400V, 50 Hz

| HEAT RECOVERY R-22/R-407C   |                     | RSEY8KLY1 | RSEY10KLY1      | RSEYP8KJY1      | RSEYP10KJY1     |  |
|-----------------------------|---------------------|-----------|-----------------|-----------------|-----------------|--|
| Cooling capacity            | kW                  | 22.4      | 28.0            | 22.4            | 28.0            |  |
| Heating capacity            | kW                  | 25.0      | 31.5            | 25.0            | 31.5            |  |
| Nominal input               | cooling             | 9.43      | 11.8            | 9.43            | 11.8            |  |
|                             | heating             | 8.48      | 10.5            | 8.66            | 11.0            |  |
| Dimensions                  | HxWxD               | mm        | 1,220x1,280x690 | 1,440x1,280x690 | 1,220x1,280x690 |  |
| Weight                      | kg                  | 250       | 275             | 247             | 273             |  |
| Air flow rate               | m <sup>3</sup> /min | 150       | 170             | 150             | 170             |  |
| Sound pressure level (380V) | dB(A)               | 57        | 57              | 57              | 57              |  |
| Operation range             | cooling             | °CDB      | -5 ~ 43         |                 | -5 ~ 43         |  |
|                             | heating             | °CWB      | -15 ~ 15.5      |                 | -15 ~ 15.5      |  |



**VRV Plus using R-407C**  
**Available in heat pump format**  
 The latest addition to the VRV Plus series is the heat pump version using R-407C refrigerant. This new line-up from 16HP up to 30HP consists of 2 outdoor components, main & sub unit.  
**Up to 32 indoor units can be connected to 1 single refrigerant circuit.**



Refrigerant: R-407C • Power supply: Y1:3~, 400V, 50 Hz

|                           |                     | RSXYP16KJY1           |                       | RSXYP18KJY1            |                       | RSXYP20KJY1            |                        |
|---------------------------|---------------------|-----------------------|-----------------------|------------------------|-----------------------|------------------------|------------------------|
|                           |                     | main unit<br>RXP8KJY1 | sub unit<br>RXEP8KJY1 | main unit<br>RXP10KJY1 | sub unit<br>RXEP8KJY1 | main unit<br>RXP10KJY1 | sub unit<br>RXEP10KJY1 |
| <b>INVERTER HEAT PUMP</b> |                     |                       |                       |                        |                       |                        |                        |
| Cooling capacity          | kW                  | 43.8                  |                       | 49.3                   |                       | 54.7                   |                        |
| Heating capacity          | kW                  | 43.8                  |                       | 49.3                   |                       | 54.7                   |                        |
| Nominal input (1)         | cooling             | 15.7                  |                       | 18.1                   |                       | 20.2                   |                        |
|                           | heating             | 14.2                  |                       | 15.5                   |                       | 16.9                   |                        |
| Dimensions                | H                   | 1,440                 | 1,220                 | 1,440                  | 1,220                 | 1,440                  | 1,440                  |
|                           | W                   | 1,280                 | 1,280                 | 1,280                  | 1,280                 | 1,280                  | 1,280                  |
|                           | D                   | 690                   | 690                   | 690                    | 690                   | 690                    | 690                    |
| Weight                    | kg                  | 360                   | 95                    | 365                    | 95                    | 365                    | 105                    |
| Air flow rate             | m <sup>3</sup> /min | 320                   |                       | 320                    |                       | 340                    |                        |
| Sound pressure level      | dB(A)               | 60                    |                       | 60                     |                       | 60                     |                        |
| Operation range           | cooling             | -5 ~ 43               |                       | -5 ~ 43                |                       | -5 ~ 43                |                        |
|                           | heating             | -15 ~ 15.5            |                       | -15 ~ 15.5             |                       | -15 ~ 15.5             |                        |

(1) preliminary info

|                           |                     | RSXYP24KJY1            |                       | RSXYP26KJY1            |                        | RSXYP28KJY1            |                       | RSXYP30KJY1            |                        |
|---------------------------|---------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|
|                           |                     | main unit<br>RXP16KJY1 | sub unit<br>RXEP8KJY1 | main unit<br>RXP16KJY1 | sub unit<br>RXEP10KJY1 | main unit<br>RXP20KJY1 | sub unit<br>RXEP8KJY1 | main unit<br>RXP20KJY1 | sub unit<br>RXEP10KJY1 |
| <b>INVERTER HEAT PUMP</b> |                     |                        |                       |                        |                        |                        |                       |                        |                        |
| Cooling capacity          | kW                  | 65.7                   |                       | 71.2                   |                        | 76.1                   |                       | 82.1                   |                        |
| Heating capacity          | kW                  | 65.7                   |                       | 71.2                   |                        | 76.1                   |                       | 82.1                   |                        |
| Nominal input (1)         | cooling             | 25.0                   |                       | 26.9                   |                        | 28.7                   |                       | 31.2                   |                        |
|                           | heating             | 21.4                   |                       | 21.9                   |                        | 23.9                   |                       | 27.1                   |                        |
| Dimensions                | H                   | 1,450                  | 1,220                 | 1,450                  | 1,440                  | 1,450                  | 1,220                 | 1,450                  | 1,440                  |
|                           | W                   | 2,580                  | 1,280                 | 2,580                  | 1,280                  | 2,580                  | 1,280                 | 2,580                  | 1,280                  |
|                           | D                   | 690                    | 690                   | 690                    | 690                    | 690                    | 690                   | 690                    | 690                    |
| Weight                    | kg                  | 620                    | 95                    | 620                    | 105                    | 630                    | 95                    | 630                    | 105                    |
| Air flow rate             | m <sup>3</sup> /min | 490                    |                       | 510                    |                        | 490                    |                       | 510                    |                        |
| Sound pressure level      | dB(A)               | 62                     |                       | 62                     |                        | 62                     |                       | 62                     |                        |
| Operation range           | cooling             | -5 ~ 43                |                       | -5 ~ 43                |                        | -5 ~ 43                |                       | -5 ~ 43                |                        |
|                           | heating             | -15 ~ 15.5             |                       | -15 ~ 15.5             |                        | -15 ~ 15.5             |                       | -15 ~ 15.5             |                        |

(1) preliminary info

**VRV Plus using R-22**  
**Available in heat pump and heat recovery format.**

Daikin VRV PLUS is a high capacity system for installations between 16 and 30hp (3 times the standard VRV capacity) and is the first available refrigerant flow system able to operate as many as 30 indoor units on a single refrigerant circuit.



The use of Daikin 'super wiring' reduces installation costs by integrating the control and communication wiring into a single circuit.

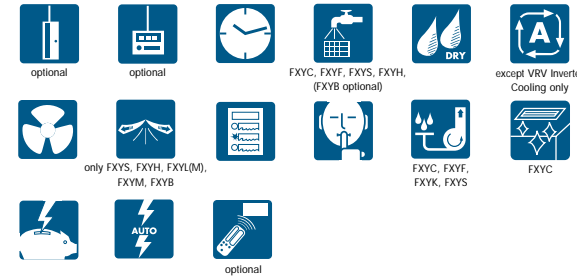
Refrigerant: R-22 • Power supply: W1: 3N~, 400V, 50 Hz Power supply: V1: 1~, 230V, 50 Hz

|                      |          | Inverter type   |                 | Constant speed type |                 | Function unit |               |
|----------------------|----------|-----------------|-----------------|---------------------|-----------------|---------------|---------------|
|                      |          | RXY8K7W1        | RXY10K7W1       | RNY8K7W1            | RNY10K7W1       | BR2KV1/BL2KV1 | BR3KV1/BL3KV1 |
| Cooling capacity     | kW       | 21.9            | 27.4            | 21.9                | 27.4            | -             | -             |
| Heating capacity     | kW       | 21.9            | 27.4            | 21.9                | 27.4            | -             | -             |
| Dimensions           | HxWxD mm | 1,220x1,280x690 | 1,440x1,280x690 | 1,220x1,280x690     | 1,440x1,280x690 | 1,280x400x690 | 1,280x500x690 |
| Weight               | kg       | 220             | 240             | 220                 | 240             | 80/64         | 96/76         |
| Sound pressure level | dB(A)    | 58              | 58              | 58                  | 58              | -             | -             |
| Operation range      | cooling  | -5 ~ 43         |                 | -5 ~ 43             |                 | -5 ~ 43       |               |
|                      | heating  | -15 ~ 15.5      |                 | -15 ~ 15.5          |                 | -15 ~ 15.5    |               |

|                                  |           | RXY16K  | RXY18K  | RXY20K  | RXY24K  | RXY26K  | RXY28K  | RXY30K  |
|----------------------------------|-----------|---------|---------|---------|---------|---------|---------|---------|
| <b>INVERTER HEAT PUMP</b>        |           |         |         |         |         |         |         |         |
| Equivalent HP                    | HP        | 16      | 18      | 20      | 24      | 26      | 28      | 30      |
| Cooling Capacity                 | kW        | 43.8    | 49.3    | 54.7    | 65.7    | 71.2    | 76.1    | 82.1    |
| Heating Capacity                 | kW        | 43.8    | 49.3    | 54.7    | 65.7    | 71.2    | 76.1    | 82.1    |
| Nominal input                    | cooling   | 16.5    | 19.1    | 21.3    | 26.3    | 28.3    | 30.2    | 32.8    |
|                                  | heating   | 13.5    | 14.8    | 16.1    | 20.4    | 20.9    | 22.8    | 25.8    |
| Indoor Unit Connectable Capacity |           | 200-520 | 225-585 | 250-650 | 300-780 | 325-845 | 350-910 | 375-975 |
| Function unit heat pump (L Unit) | BL2KJV1   | 1       | 1       | 1       |         |         |         |         |
| Function unit heat pump (L Unit) | BL3KJV1   |         |         |         | 1       | 1       | 1       | 1       |
| Inverter outdoor unit            | RXY8K7W1  | 1       |         |         | 1       |         |         |         |
| Inverter outdoor unit            | RXY10K7W1 |         | 1       | 1       |         | 1       | 1       | 1       |
| Constant speed type outdoor unit | RNY8K7W1  | 1       | 1       |         | 2       | 2       | 1       |         |
| Constant speed type outdoor unit | RNY10K7W1 |         |         | 1       |         |         | 1       | 2       |

|                                  |           | REY16K  | REY18K  | REY20K  | REY24K  | REY26K  | REY28K  | REY30K  |
|----------------------------------|-----------|---------|---------|---------|---------|---------|---------|---------|
| <b>HEAT RECOVERY</b>             |           |         |         |         |         |         |         |         |
| Equivalent HP                    | HP        | 16      | 18      | 20      | 24      | 26      | 28      | 30      |
| Cooling Capacity                 | kW        | 43.8    | 49.3    | 54.7    | 65.7    | 71.2    | 76.1    | 82.1    |
| Heating Capacity                 | kW        | 43.8    | 49.3    | 54.7    | 65.7    | 71.2    | 76.1    | 82.1    |
| Nominal input                    | cooling   | 16.5    | 19.1    | 21.3    | 26.3    | 28.3    | 30.2    | 32.8    |
|                                  | heating   | 13.5    | 14.8    | 16.1    | 20.4    | 20.9    | 22.8    | 25.8    |
| Indoor Unit Connectable Capacity |           | 200-520 | 225-585 | 250-650 | 300-780 | 325-845 | 350-910 | 375-975 |
| Function unit heat rec. (R Unit) | BR2KJV1   | 1       | 1       | 1       |         |         |         |         |
| Function unit heat rec. (R Unit) | BR3KJV1   |         |         |         | 1       | 1       | 1       | 1       |
| Inverter outdoor unit            | RXY8K7W1  | 1       |         |         | 1       |         |         |         |
| Inverter outdoor unit            | RXY10K7W1 |         | 1       | 1       |         | 1       | 1       | 1       |
| Constant speed type outdoor unit | RNY8K7W1  | 1       | 1       |         | 2       | 2       | 1       |         |
| Constant speed type outdoor unit | RNY10K7W1 |         |         | 1       |         |         | 1       | 2       |

VRV indoor units, available in 10 different models and 60 different size combinations (58 combinations with ozone-friendly refrigerant R-407C), can meet virtually any site installation requirement.



## Indoor units



FXYP(P) 4-way blow ceiling mounted cassette



FXYC(P) 2-way blow ceiling mounted cassette



Refrigerant: R-22 • Power supply: V1: 1~, 50Hz, 230V

| FXYP-K7V1            |                     | 20                  | 25          | 32     | 40    | 50    | 63            | 80    | 100   | 125   |
|----------------------|---------------------|---------------------|-------------|--------|-------|-------|---------------|-------|-------|-------|
| Inverter CO/HP       | cooling capacity kW | 2.2                 | 2.8         | 3.6    | 4.5   | 5.6   | 7.1           | 9.0   | 11.2  | 14.0  |
| Heat recovery        | heating capacity kW | 2.5                 | 3.2         | 4.0    | 5.0   | 6.3   | 8.0           | 10.0  | 12.5  | 16.0  |
| VRV Plus             | cooling capacity kW | 2.2                 | 2.7         | 3.4    | 4.4   | 5.5   | 6.8           | 8.8   | 10.9  | 13.7  |
|                      | heating capacity kW | 2.2                 | 2.7         | 3.4    | 4.4   | 5.5   | 6.8           | 8.8   | 10.9  | 13.7  |
| Nominal input        | cooling             | W                   | 140         | 140    | 140   | 140   | 161           | 204   | 204   | 238   |
|                      | heating             | W                   | 107         | 107    | 107   | 107   | 128           | 171   | 171   | 205   |
|                      | heating             | W                   | 107         | 107    | 107   | 107   | 128           | 171   | 171   | 205   |
| Dimensions (HxWxD)   | unit                | mm                  | 240x840x840 |        |       |       | 280x1,230x840 |       |       |       |
|                      | decor. panel        | mm                  | 50x950x950  |        |       |       | 50x1,340x950  |       |       |       |
| Weight               | unit                | kg                  | 25          | 25     | 25    | 25    | 25            | 34    | 34    | 35    |
|                      | decor. panel        | kg                  | 6.5         | 6.5    | 6.5   | 6.5   | 6.5           | 9.5   | 9.5   | 9.5   |
| Air flow rate        | H/L                 | m <sup>3</sup> /min | 10/7.8      | 10/7.8 | 13/10 | 14/10 | 16/11         | 19/14 | 28/19 | 33/22 |
| Sound pressure level | H/L                 | dBA                 | 31/29       | 31/29  | 35/30 | 35/30 | 36/31         | 37/32 | 40/34 | 44/37 |

Refrigerant: R-407C • Power supply: VE: 1~, 50Hz, 230V

| FXYP-KVE             |                     | 32                  | 40          | 50    | 63    | 80    | 100         | 125   |     |
|----------------------|---------------------|---------------------|-------------|-------|-------|-------|-------------|-------|-----|
| Inverter CO/HP       | cooling capacity kW | 3.6                 | 4.5         | 5.6   | 7.1   | 9.0   | 11.2        | 14.0  |     |
| Heat recovery        | heating capacity kW | 4.0                 | 5.0         | 6.3   | 8.0   | 10.0  | 12.5        | 16.0  |     |
| VRV Plus (1)         | cooling capacity kW | 3.6                 | 4.5         | 5.6   | 7.1   | 9.0   | 11.2        | 14.0  |     |
|                      | heating capacity kW | 4.0                 | 5.0         | 6.3   | 8.0   | 10.0  | 12.5        | 16.0  |     |
| Nominal input (1)    | cooling             | W                   | 158         | 158   | 178   | 178   | 238         | 278   |     |
|                      | heating             | W                   | 120         | 120   | 120   | 140   | 140         | 200   | 240 |
| Dimensions (HxWxD)   | unit                | mm                  | 230x840x840 |       |       |       | 288x840x840 |       |     |
|                      | decor. panel        | mm                  | 40x950x950  |       |       |       |             |       |     |
| Weight               | unit                | kg                  | 24          | 24    | 24    | 28    | 28          | 28    |     |
|                      | decor. panel        | kg                  | 5           | 5     | 5     | 5     | 5           | 5     |     |
| Air flow rate        | H/L                 | m <sup>3</sup> /min | 13/10       | 14/10 | 16/11 | 18/14 | 28/20       | 33/24 |     |
| Sound pressure level | H/L (220V)          | dBA                 | 30/27       | 31/27 | 32/27 | 33/28 | 37/31       | 39/32 |     |

(1) preliminary info for VRV Plus applications using R-407C

Refrigerant: R-22 • Power supply: V1: 1~, 50Hz, 230V

| FXYC-K7V1            |                     | 20                  | 25           | 32    | 40    | 50           | 63    | 80            | 125   |               |
|----------------------|---------------------|---------------------|--------------|-------|-------|--------------|-------|---------------|-------|---------------|
| Inverter CO/HP       | cooling capacity kW | 2.2                 | 2.8          | 3.6   | 4.5   | 5.6          | 7.1   | 9.0           | 14.0  |               |
| Heat recovery        | heating capacity kW | 2.5                 | 3.2          | 4.0   | 5.0   | 6.3          | 8.0   | 10.0          | 16.0  |               |
| VRV Plus             | cooling capacity kW | 2.2                 | 2.7          | 3.4   | 4.4   | 5.5          | 6.8   | 8.8           | 13.7  |               |
|                      | heating capacity kW | 2.2                 | 2.7          | 3.4   | 4.4   | 5.5          | 6.8   | 8.8           | 13.7  |               |
| Nominal input        | cooling             | W                   | 77           | 92    | 92    | 130          | 153   | 209           | 256   |               |
|                      | heating             | W                   | 44           | 59    | 59    | 97           | 97    | 120           | 176   |               |
| Dimensions (HxWxD)   | unit                | mm                  | 305x780x600  |       |       | 305x995x600  |       | 305x1,180x600 |       | 305x1,670x600 |
|                      | decor. panel        | mm                  | 53x1,030x680 |       |       | 53x1,245x680 |       | 53x1,430x680  |       | 53x1,920x680  |
| Weight               | unit                | kg                  | 26           | 26    | 26    | 31           | 32    | 35            | 47    |               |
|                      | decor. panel        | kg                  | 8            | 8     | 8     | 8.5          | 8.5   | 9.5           | 12    |               |
| Air flow rate        | H/L                 | m <sup>3</sup> /min | 7/5          | 9/6.5 | 9/6.5 | 12/9         | 12/9  | 15/12         | 26/20 |               |
| Sound pressure level | H/L                 | dBA                 | 33/25        | 35/30 | 35/30 | 36/30        | 36/30 | 36/31         | 43/36 |               |

Refrigerant: R-407C • Power supply: V1: 1~, 50Hz, 230V

| FXYCP-K7V1           |                     | 20                  | 25           | 32    | 40    | 50           | 63        | 80            | 125   |               |
|----------------------|---------------------|---------------------|--------------|-------|-------|--------------|-----------|---------------|-------|---------------|
| Inverter CO/HP       | cooling capacity kW | 2.2                 | 2.8          | 3.6   | 4.5   | 5.6          | 7.1       | 9.0           | 14.0  |               |
| Heat recovery        | heating capacity kW | 2.5                 | 3.2          | 4.0   | 5.0   | 6.3          | 8.0       | 10.0          | 16.0  |               |
| VRV Plus (1)         | cooling capacity kW | 2.2                 | 2.8          | 3.6   | 4.5   | 5.6          | 7.1       | 9.0           | 14.0  |               |
|                      | heating capacity kW | 2.5                 | 3.2          | 4.0   | 5.0   | 6.3          | 8.0       | 10.0          | 16.0  |               |
| Nominal input (1)    | cooling             | W                   | 77           | 92    | 92    | 130          | 130       | 161           | 209   |               |
|                      | heating             | W                   | 44           | 59    | 59    | 97           | 97        | 126           | 176   |               |
| Dimensions (HxWxD)   | unit                | mm                  | 305x780x600  |       |       | 305x995x600  |           | 305x1,180x600 |       | 305x1,670x600 |
|                      | decor. panel        | mm                  | 53x1,030x680 |       |       | 53x1,245x680 |           | 53x1,430x680  |       | 53x1,920x680  |
| Weight               | unit                | kg                  | 26           | 26    | 26    | 31           | 32        | 35            | 47    |               |
|                      | decor. panel        | kg                  | 8            | 8     | 8     | 8.5          | 8.5       | 9.5           | 12    |               |
| Air flow rate        | H/L                 | m <sup>3</sup> /min | 7/5          | 9/6.5 | 9/6.5 | 12/9         | 12/9      | 16.5/13       | 26/21 |               |
| Sound pressure level | H/L                 | dBA                 | 33/28        | 35/29 | 35/29 | 35.5/30.5    | 35.5/30.5 | 38/33         | 40/35 |               |
| Sound power level    |                     | dBA                 | 45           | 50    | 50    | 50           | 50        | 52            | 60    |               |

(1) preliminary info for VRV Plus applications using R-407C



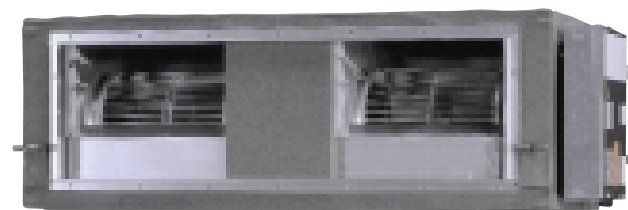


FXYK(P) ceiling mounted corner cassette

Refrigerant: R-22/R-407C • Power supply: V1: 1~, 50Hz, 230V

| FXYK-KJV1/FXYKP-KV1  |                     | 25                  | 32    | 40    | 63            | 25    | 32            | 40    | 63            |
|----------------------|---------------------|---------------------|-------|-------|---------------|-------|---------------|-------|---------------|
| Inverter CO/HP       | cooling capacity kW | 2.8                 | 3.6   | 4.5   | 7.1           | 2.8   | 3.6           | 4.5   | 7.1           |
|                      | heating capacity kW | 3.2                 | 4.0   | 5.0   | 8.0           | 3.2   | 4.0           | 5.0   | 8.0           |
| VRV Plus (1)         | cooling capacity kW | 2.7                 | 3.4   | 4.4   | 6.8           | 2.8   | 3.6           | 4.5   | 7.1           |
|                      | heating capacity kW | 2.7                 | 3.4   | 4.4   | 6.8           | 3.2   | 4.0           | 5.0   | 8.0           |
| Nominal input (1)    | cooling W           | 66                  | 66    | 80    | 105           | 66    | 66            | 80    | 105           |
|                      | heating W           | 46                  | 46    | 56    | 85            | 46    | 46            | 56    | 85            |
| Dimensions (HxWxD)   | unit mm             | 215x1,110x710       |       |       | 215x1,310x710 |       | 215x1,110x710 |       | 215x1,310x710 |
|                      | decor. panel mm     | 70x1,240x800        |       |       | 70x1,440x800  |       | 70x1,240x800  |       | 70x1,440x800  |
| Weight               | unit kg             | 31                  | 31    | 31    | 34            | 31    | 31            | 31    | 34            |
|                      | decor. panel kg     | 8.5                 | 8.5   | 8.5   | 9.5           | 8.5   | 8.5           | 8.5   | 9.5           |
| Air flow rate        | H/L                 | m <sup>3</sup> /min | 11/9  | 11/9  | 12/9          | 17/14 | 11/9          | 11/9  | 13/10         |
| Sound pressure level | H/L                 | dBA                 | 39/34 | 39/34 | 40/34         | 42/37 | 38/33         | 38/33 | 42/35         |

(1) preliminary info for VRV Plus applications using R-407C



FXYM(P) concealed ceiling unit (large)

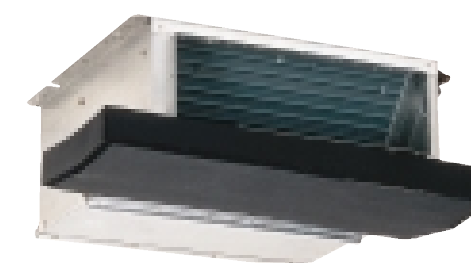
Refrigerant: R-22 • Power supply: V1: 1~, 50Hz, 230V/VE: 1~, 50Hz, 230V

| FXYM-KJV1/VE*        |                     | 40                  | 50      | 63      | 80            | 100   | 125   | 200*            | 250*  |
|----------------------|---------------------|---------------------|---------|---------|---------------|-------|-------|-----------------|-------|
| Inverter CO/HP       | cooling capacity kW | 4.5                 | 5.6     | 7.1     | 9.0           | 11.2  | 14.0  | 22.4            | 28.0  |
|                      | heating capacity kW | 5.0                 | 6.3     | 8.0     | 10.0          | 12.5  | 16.0  | 25.0            | 31.5  |
| VRV Plus             | cooling capacity kW | 4.4                 | 5.5     | 6.8     | 8.8           | 10.9  | 13.7  | 22.4            | 28.0  |
|                      | heating capacity kW | 4.4                 | 5.5     | 6.8     | 8.8           | 10.9  | 13.7  | 25.0            | 31.5  |
| Nominal input        | cooling W           | 211                 | 211     | 284     | 411           | 411   | 619   | 1,294           | 1,465 |
|                      | heating W           | 211                 | 211     | 284     | 411           | 411   | 619   | 1,294           | 1,465 |
| Dimensions           | HxWxD mm            | 390x720x690         |         |         | 390x1,110x690 |       |       | 470x1,380x1,100 |       |
| Weight               | kg                  | 44                  | 44      | 45      | 62            | 63    | 65    | 137             | 137   |
| Air flow rate        | H/L                 | m <sup>3</sup> /min | 14/11.5 | 14/11.5 | 18/15         | 29/23 | 29/23 | 36/29           | 58/50 |
| Sound pressure level | H/L (220V)          | dBA                 | 39/35   | 39/35   | 41/37         | 43/39 | 43/39 | 45/42           | 48/45 |

Refrigerant: R-407C • Power supply: V1: 1~, 50Hz, 230V

| FXYMP-KV1            |                     | 40                  | 50      | 63      | 80            | 100   | 125   | 200             | 250   |
|----------------------|---------------------|---------------------|---------|---------|---------------|-------|-------|-----------------|-------|
| Inverter CO/HP       | cooling capacity kW | 4.5                 | 5.6     | 7.1     | 9.0           | 11.2  | 14.0  | 22.4            | 28.0  |
|                      | heating capacity kW | 5.0                 | 6.3     | 8.0     | 10.0          | 12.5  | 16.0  | 25.0            | 31.5  |
| VRV Plus (1)         | cooling capacity kW | 4.5                 | 5.6     | 7.1     | 9.0           | 11.2  | 14.0  | 22.4            | 28.0  |
|                      | heating capacity kW | 5.0                 | 6.3     | 8.0     | 10.0          | 12.5  | 16.0  | 25.0            | 31.5  |
| Nominal input (1)    | cooling W           | 211                 | 211     | 281     | 411           | 411   | 619   | 1,294           | 1,465 |
|                      | heating W           | 211                 | 211     | 281     | 411           | 411   | 619   | 1,294           | 1,465 |
| Dimensions           | HxWxD mm            | 390x720x690         |         |         | 390x1,110x690 |       |       | 470x1,380x1,100 |       |
| Weight               | kg                  | 44                  | 44      | 45      | 62            | 63    | 65    | 137             | 137   |
| Air flow rate        | H/L                 | m <sup>3</sup> /min | 14/11.5 | 14/11.5 | 19.5/16       | 29/23 | 29/23 | 36/29           | 58/50 |
| Sound pressure level | H/L (220V)          | dBA                 | 39/35   | 39/35   | 42/38         | 43/39 | 43/39 | 45/42           | 48/45 |

(1) preliminary info for VRV Plus applications using R-407C



FXYB(P) concealed ceiling unit (small)

Refrigerant: R-22 / R407-C • Power supply: V1: 1~, 50Hz, 230V

| FXYB-K7V1/FXYBP-K7V1 |                     | 20                  | 25      | 20          | 25      |
|----------------------|---------------------|---------------------|---------|-------------|---------|
| Inverter CO/HP       | cooling capacity kW | 2.2                 | 2.8     | 2.2         | 2.8     |
|                      | heating capacity kW | 2.5                 | 3.2     | 2.5         | 3.2     |
| VRV Plus (1)         | cooling capacity kW | 2.2                 | 2.7     | 2.2         | 2.8     |
|                      | heating capacity kW | 2.2                 | 2.7     | 2.5         | 3.2     |
| Nominal input (1)    | cooling W           | 50                  | 50      | 50          | 50      |
|                      | heating W           | 50                  | 50      | 50          | 50      |
| Dimensions           | HxWxD mm            | 230x652x502         |         | 230x652x502 |         |
| Weight               | kg                  | 17                  | 17      | 17          | 17      |
| Air flow rate        | H/L                 | m <sup>3</sup> /min | 6.7/5.2 | 7.4/5.8     | 6.7/5.2 |
| Sound pressure level | H/L                 | dBA                 | 37/32   | 37/32       | 37/32   |
| Sound power level    | dBA                 | -                   | -       | 50          | 50      |

(1) preliminary info for VRV Plus applications using R-407C



FXYS(P) concealed ceiling unit

Refrigerant: R-22 • Power supply: V1: 1~, 50Hz, 230V

| FXYS-KA7V1           |                         | 20          | 25    | 32    | 40          | 50    | 63            | 80    | 100           | 125   |
|----------------------|-------------------------|-------------|-------|-------|-------------|-------|---------------|-------|---------------|-------|
| Inverter CO/HP       | cooling capacity kW     | 2.2         | 2.8   | 3.6   | 4.5         | 5.6   | 7.1           | 9.0   | 11.2          | 14.0  |
| Heat recovery        | heating capacity kW     | 2.5         | 3.2   | 4.0   | 5.0         | 6.3   | 8.0           | 10.0  | 12.5          | 16.0  |
| VRV Plus (1)         | cooling capacity kW     | 2.2         | 2.7   | 3.4   | 4.4         | 5.5   | 6.8           | 8.8   | 10.9          | 13.7  |
|                      | heating capacity kW     | 2.2         | 2.7   | 3.4   | 4.4         | 5.5   | 6.8           | 8.8   | 10.9          | 13.7  |
| Nominal input (1)    | cooling W               | 110         | 110   | 110   | 127         | 140   | 184           | 216   | 216           | 290   |
|                      | heating W               | 90          | 90    | 90    | 107         | 120   | 164           | 196   | 196           | 270   |
| Dimensions (HxWxD)   | unit mm                 | 300x550x800 |       |       | 300x700x800 |       | 300x1,000x800 |       | 300x1,400x800 |       |
|                      | decor. panel mm         | 55x650x500  |       |       | 55x800x500  |       | 55x1,100x500  |       | 55x1,500x500  |       |
| Weight               | unit kg                 | 30          | 30    | 30    | 30          | 31    | 41            | 51    | 51            | 52    |
|                      | decor. panel kg         | 3           | 3     | 3     | 3.5         | 3.5   | 4.5           | 6.5   | 6.5           | 6.5   |
| Air flow rate        | H/L m <sup>3</sup> /min | 9/6.5       | 9/6.5 | 9/6.5 | 11.5/9      | 14/10 | 19/14         | 27/20 | 27/20         | 35/24 |
| Sound pressure level | H/L dBA                 | 32/28       | 32/28 | 32/28 | 33/29       | 33/29 | 34/30         | 36/31 | 36/31         | 38/32 |

Refrigerant: R-407C • Power supply: V1: 1~, 50Hz, 230V

| FXYSP-KA7V1          |                         | 20          | 25    | 32    | 40          | 50    | 63            | 80    | 100           | 125   |
|----------------------|-------------------------|-------------|-------|-------|-------------|-------|---------------|-------|---------------|-------|
| Inverter CO/HP       | cooling capacity kW     | 2.2         | 2.8   | 3.6   | 4.5         | 5.6   | 7.1           | 9.0   | 11.2          | 14.0  |
| Heat recovery        | heating capacity kW     | 2.5         | 3.2   | 4.0   | 5.0         | 6.3   | 8.0           | 10.0  | 12.5          | 16.0  |
| VRV Plus (1)         | cooling capacity kW     | 2.2         | 2.8   | 3.6   | 4.5         | 5.6   | 7.1           | 9.0   | 11.2          | 14.0  |
|                      | heating capacity kW     | 2.5         | 3.2   | 4.0   | 5.0         | 6.3   | 8.0           | 10.0  | 12.5          | 16.0  |
| Nominal input (1)    | cooling W               | 110         | 110   | 114   | 127         | 143   | 189           | 216   | 246           | 321   |
|                      | heating W               | 90          | 90    | 94    | 107         | 123   | 169           | 196   | 226           | 301   |
| Dimensions (HxWxD)   | unit mm                 | 300x550x800 |       |       | 300x700x800 |       | 300x1,000x800 |       | 300x1,400x800 |       |
|                      | decor. panel mm         | 55x650x500  |       |       | 55x800x500  |       | 55x1,100x500  |       | 55x1,500x500  |       |
| Weight               | unit kg                 | 30          | 30    | 30    | 30          | 31    | 41            | 51    | 51            | 52    |
|                      | decor. panel kg         | 3           | 3     | 3     | 3.5         | 3.5   | 4.5           | 6.5   | 6.5           | 6.5   |
| Air flow rate        | H/L m <sup>3</sup> /min | 9/6.5       | 9/6.5 | 9.5/7 | 11.5/9      | 15/11 | 21/15.5       | 27/20 | 28/20.5       | 38/28 |
| Sound pressure level | H/L dBA                 | 32/28       | 32/28 | 33/28 | 33/29       | 35/31 | 35/30         | 37/31 | 38/33         | 40/35 |
| Sound power level    | dBA                     | 50          | 50    | 51    | 56          | 58    | 56            | 55    | 56            | 65    |

(1) preliminary info for VRV Plus applications using R-407C



FXYA(P) wall mounted unit

Refrigerant: R-22/R-407C • Power supply: V1: 1~, 50Hz, 230V

| FXYA-KJV1/FXYAP-KV1  |                         | 25            | 32    | 40    | 50            | 63    | 25            | 32    | 40    | 50            | 63    |
|----------------------|-------------------------|---------------|-------|-------|---------------|-------|---------------|-------|-------|---------------|-------|
| Inverter CO/HP       | cooling capacity kW     | 2.8           | 3.6   | 4.5   | 5.6           | 7.1   | 2.8           | 3.6   | 4.5   | 5.6           | 7.1   |
| Heat recovery        | heating capacity kW     | 3.2           | 4.0   | 5.0   | 6.3           | 8.0   | 3.2           | 4.0   | 5.0   | 6.3           | 8.0   |
| VRV Plus (1)         | cooling capacity kW     | 2.7           | 3.4   | 4.4   | 5.5           | 6.8   | 2.8           | 3.6   | 4.5   | 5.6           | 7.1   |
|                      | heating capacity kW     | 2.7           | 3.4   | 4.4   | 5.5           | 6.8   | 3.2           | 4.0   | 5.0   | 6.3           | 8.0   |
| Nominal input (1)    | cooling W               | 26            | 28    | 36    | 35            | 44    | 26            | 28    | 36    | 35            | 44    |
|                      | heating W               | 26            | 28    | 36    | 35            | 44    | 26            | 28    | 36    | 35            | 44    |
| Dimensions           | HxWxD mm                | 360x1,050x200 |       |       | 360x1,250x200 |       | 360x1,050x200 |       |       | 360x1,250x200 |       |
| Weight               | kg                      | 21            |       |       | 24            |       | 21            |       |       | 24            |       |
| Air flow rate        | H/L m <sup>3</sup> /min | 7/6           | 8/6.5 | 10/8  | 12/10         | 15/12 | 8/6.5         | 9/7   | 11/9  | 13/11         | 15/12 |
| Sound pressure level | H/L dBA                 | 34/31         | 35/32 | 40/33 | 41/36         | 45/41 | 35/32         | 37/33 | 41/34 | 43/37         | 45/41 |

(1) preliminary info for VRV Plus applications using R-407C



FXYH(P) ceiling suspended unit

Refrigerant: R-22/R-407C • Power supply: V1: 1~, 50Hz, 230V

| FXYH-K7V1/FXYHP-K7V1 |                         | 32            | 63            | 100           | 32            | 63            | 100           |
|----------------------|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Inverter CO/HP       | cooling capacity kW     | 3.6           | 7.1           | 11.2          | 3.6           | 7.1           | 11.2          |
| Heat recovery        | heating capacity kW     | 4.0           | 8.0           | 12.5          | 4.0           | 8.0           | 12.5          |
| VRV Plus (1)         | cooling capacity kW     | 3.4           | 6.8           | 10.9          | 3.6           | 7.1           | 11.2          |
|                      | heating capacity kW     | 3.4           | 6.8           | 10.9          | 4.0           | 8.0           | 12.5          |
| Nominal input (1)    | cooling W               | 101           | 114           | 190           | 101           | 114           | 190           |
|                      | heating W               | 101           | 114           | 190           | 101           | 114           | 190           |
| Dimensions           | HxWxD mm                | 188x1,100x600 | 188x1,300x600 | 238x1,300x695 | 188x1,100x600 | 188x1,300x600 | 238x1,300x695 |
| Weight               | kg                      | 27            | 31            | 38            | 27            | 31            | 38            |
| Air flow rate        | H/L m <sup>3</sup> /min | 13/10         | 18/14         | 26/20         | 13/10         | 19/15         | 27/21         |
| Sound pressure level | H/L dBA                 | 38/33         | 40/35         | 43/38         | 38/33         | 42/37         | 45/40         |
| Sound power level    | dBA                     | -             | -             | -             | 56            | 61            | 63            |

(1) preliminary info for VRV Plus applications using R-407C

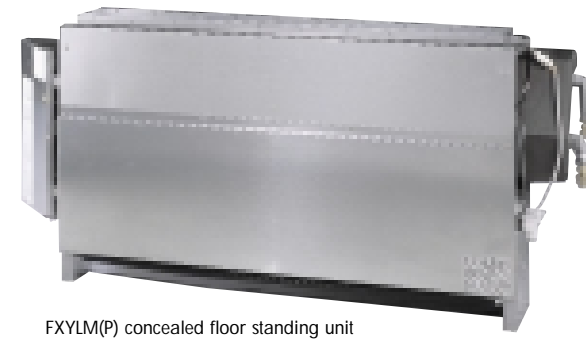
Refrigerant: R-22/R-407C • Power supply: VE: 1~, 50Hz, 230V/V1: 1~, 50Hz, 230V

| FXYLM-KJVE/FXYLMP-KV1 |                         | 20          | 25      | 32            | 40      | 50            | 63      |
|-----------------------|-------------------------|-------------|---------|---------------|---------|---------------|---------|
| Inverter CO/HP        | cooling capacity kW     | 2.2         | 2.8     | 3.6           | 4.5     | 5.6           | 7.1     |
| Heat recovery         | heating capacity kW     | 2.5         | 3.2     | 4.0           | 5.0     | 6.3           | 8.0     |
| VRV Plus (1)          | cooling capacity kW     | 2.2/2.2     | 2.7/2.8 | 3.4/3.6       | 4.4/4.5 | 5.5/5.6       | 6.8/7.1 |
|                       | heating capacity kW     | 2.2/2.5     | 2.7/3.2 | 3.4/4.0       | 4.4/5.0 | 5.5/6.3       | 6.8/8.0 |
| Nominal input (1)     | cooling W               | 49          | 49      | 90            | 90      | 110           | 110     |
|                       | heating W               | 49          | 49      | 90            | 90      | 110           | 110     |
| Dimensions            | HxWxD mm                | 610x930x220 |         | 610x1,070x220 |         | 610x1,350x220 |         |
| Weight                | kg                      | 19          | 19      | 23            | 23      | 27            | 27      |
| Air flow rate         | H/L m <sup>3</sup> /min | 7/6         | 7/6     | 8/6           | 11/8.5  | 14/11         | 16/12   |
| Sound pressure level  | H/L (220V) dBA          | 35/32       | 35/32   | 35/32         | 38/33   | 39/34         | 40/35   |

(1) preliminary info for VRV Plus applications using R-407C



FXYL(P) floor standing unit



FXYLM(P) concealed floor standing unit

Refrigerant: R-22 • Power supply: VE: 1~, 50Hz, 230V

| FXYL-KJVE            |                         | 20            | 25    | 32            | 40     | 50            | 63    |
|----------------------|-------------------------|---------------|-------|---------------|--------|---------------|-------|
| Inverter CO/HP       | cooling capacity kW     | 2.2           | 2.8   | 3.6           | 4.5    | 5.6           | 7.1   |
| Heat recovery        | heating capacity kW     | 2.5           | 3.2   | 4.0           | 5.0    | 6.3           | 8.0   |
| VRV Plus             | cooling capacity kW     | 2.2           | 2.7   | 3.4           | 4.4    | 5.5           | 6.8   |
|                      | heating capacity kW     | 2.2           | 2.7   | 3.4           | 4.4    | 5.5           | 6.8   |
| Nominal input        | cooling W               | 49            | 49    | 90            | 90     | 110           | 110   |
|                      | heating W               | 49            | 49    | 90            | 90     | 110           | 110   |
| Dimensions           | HxWxD mm                | 600x1,000x222 |       | 600x1,140x222 |        | 600x1,420x222 |       |
| Weight               | kg                      | 25            | 25    | 30            | 30     | 36            | 36    |
| Air flow rate        | H/L m <sup>3</sup> /min | 7/6           | 7/6   | 8/6           | 11/8.5 | 14/11         | 16/12 |
| Sound pressure level | H/L (220V) dBA          | 35/32         | 35/32 | 35/32         | 38/33  | 39/34         | 40/35 |

Refrigerant: R-407C • Power supply: V1: 1~, 50Hz, 230V

| FXYLP-KV1            |                         | 20            | 25    | 32            | 40     | 50            | 63    |
|----------------------|-------------------------|---------------|-------|---------------|--------|---------------|-------|
| Inverter CO/HP       | cooling capacity kW     | 2.2           | 2.8   | 3.6           | 4.5    | 5.6           | 7.1   |
| Heat recovery        | heating capacity kW     | 2.5           | 3.2   | 4.0           | 5.0    | 6.3           | 8.0   |
| VRV Plus (1)         | cooling capacity kW     | 2.2           | 2.8   | 3.6           | 4.5    | 5.6           | 7.1   |
|                      | heating capacity kW     | 2.5           | 3.2   | 4.0           | 5.0    | 6.3           | 8.0   |
| Nominal input (1)    | cooling W               | 49            | 49    | 90            | 90     | 110           | 110   |
|                      | heating W               | 49            | 49    | 90            | 90     | 110           | 110   |
| Dimensions           | HxWxD mm                | 600x1,000x222 |       | 600x1,140x222 |        | 600x1,420x222 |       |
| Weight               | kg                      | 25            | 25    | 30            | 30     | 36            | 36    |
| Air flow rate        | H/L m <sup>3</sup> /min | 7/6           | 7/6   | 8/6           | 11/8.5 | 14/11         | 16/12 |
| Sound pressure level | H/L (220V) dBA          | 35/32         | 35/32 | 35/32         | 38/33  | 39/34         | 40/35 |

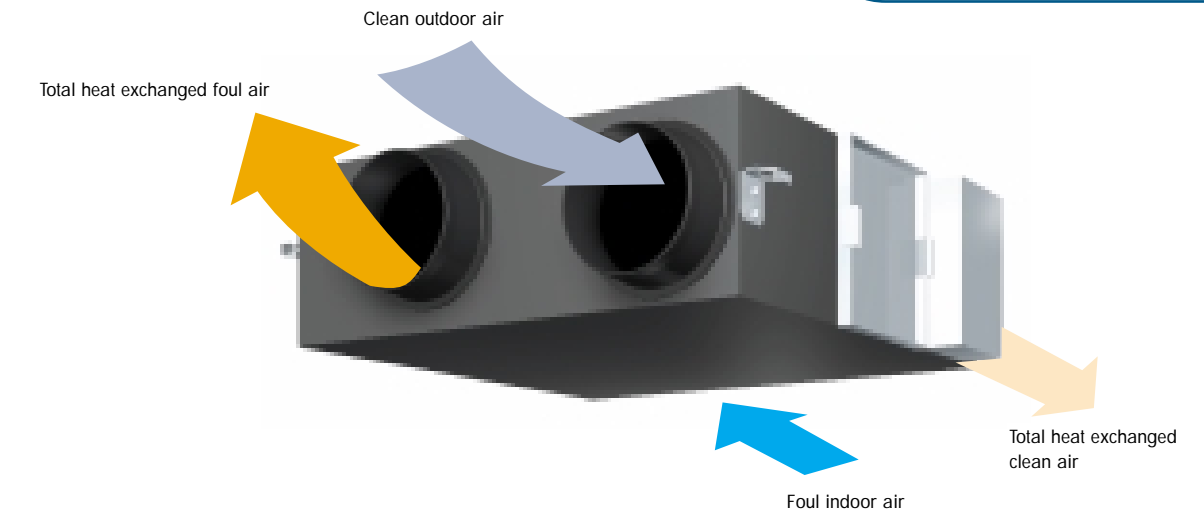
(1) preliminary info for VRV Plus applications using R-407C



New

# HRV

## HEAT RECOVERY VENTILATION



The Daikin heat recovery ventilation system modulates the temperature and humidity of incoming fresh air to match indoor conditions.

A balance is thus achieved between indoor and outdoor ambients, enabling the cooling or heating load placed on the air conditioning system to be reduced significantly. HRV units can be controlled individually or integral with the air conditioning system (Daikin VRV or Sky Air series).

Power supply: VE: 1~, 50Hz, 230V

| VAM-FJVE                         |                   | 150     | 250   | 350   | 500     | 650       | 800   | 1000  | 1500      | 2000    |
|----------------------------------|-------------------|---------|-------|-------|---------|-----------|-------|-------|-----------|---------|
| Air flow rate                    | m <sup>3</sup> /h | 150     | 250   | 350   | 500     | 650       | 800   | 1,000 | 1,500     | 2,000   |
| Sound pressure level (max.) (1)  | dBA               | 27/28.5 | 28/29 | 32/34 | 33/34.5 | 34.5/35.5 | 36/37 | 36/37 | 39.5/41.5 | 40/42.5 |
| External static pressure (max.)  | Pa                | 69      | 64    | 98    | 98      | 93        | 137   | 157   | 137       | 137     |
| Temperature exchange efficiency  | %                 | 74      | 72    | 75    | 74      | 74        | 74    | 75    | 75        | 75      |
| Enthalpy exchange efficiency (%) | cooling           | 58      | 58    | 61    | 58      | 58        | 60    | 61    | 61        | 61      |
|                                  | heating           | 64      | 64    | 65    | 62      | 63        | 65    | 66    | 66        | 66      |
| Dimensions                       | H mm              | 269     | 269   | 285   | 285     | 348       | 348   | 348   | 710       | 710     |
|                                  | W mm              | 760     | 760   | 812   | 812     | 988       | 988   | 988   | 1,498     | 1,498   |
|                                  | D mm              | 509     | 509   | 800   | 800     | 852       | 852   | 1,140 | 852       | 1,140   |
| Weight                           | kg                | 24      | 24    | 33    | 33      | 48        | 48    | 61    | 132       | 158     |
| Duct diameter                    | mm                | Ø 100   | Ø 150 | Ø 150 | Ø 200   | Ø 200     | Ø 250 | Ø 250 | Ø 350     | Ø 350   |

(1) Sound pressure level is measured in heat exchange mode.

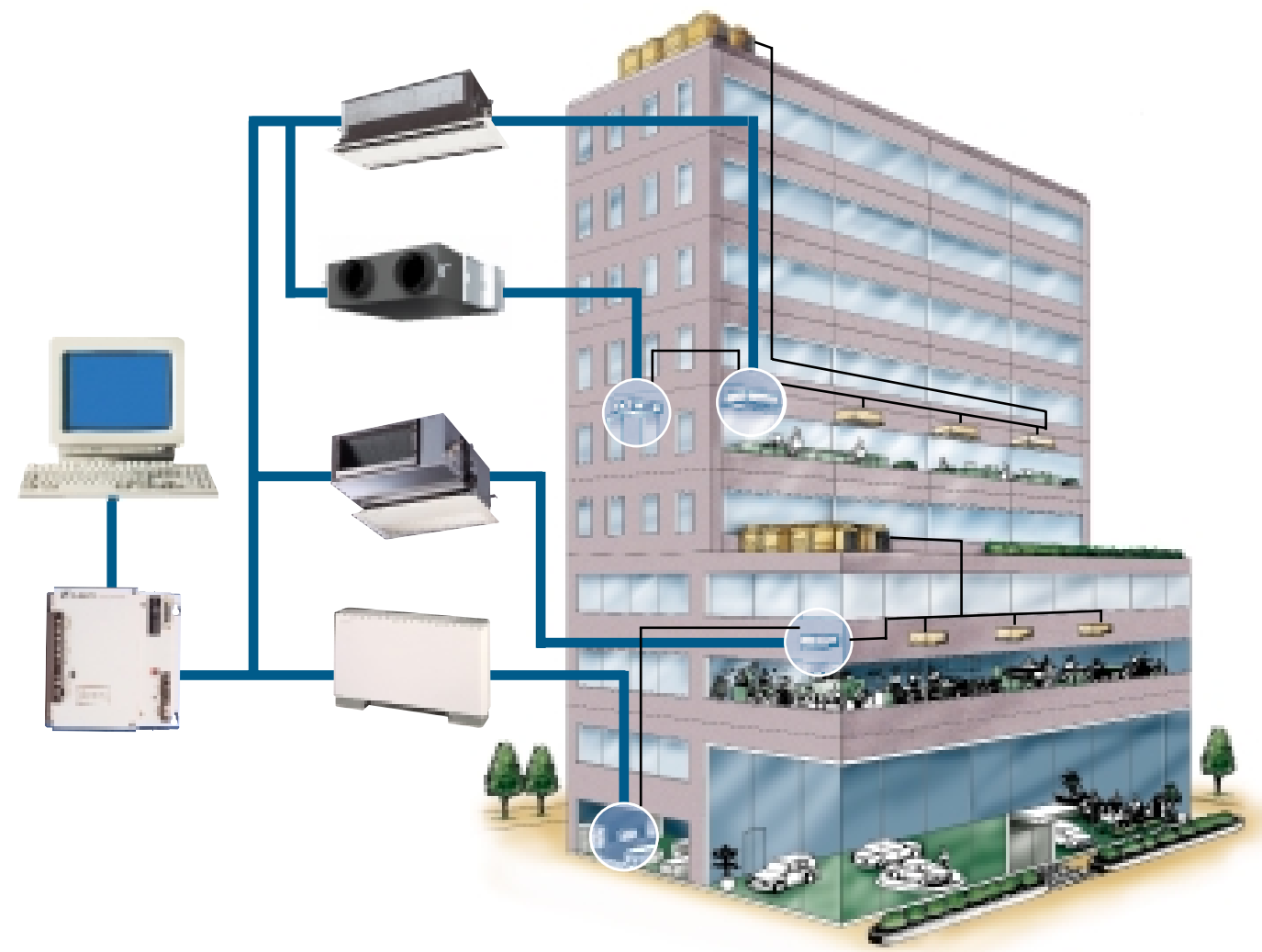
DACMS is a centralized control and management system for medium and large sized buildings. Designed for use with Windows95®, Windows98® and WindowsNT® it offers precise control of VRV systems and associated heat recovery ventilation units, fans and even lighting, from a personal computer and can monitor up to **1,024** indoor units from a single PC.

### DAIKIN AIR CONDITIONING MANAGEMENT SYSTEM

## DACMS

DACMS can be integrated into a general building management system, both to **control** the air conditioning (monitoring energy consumption, indoor temperatures etc) and also to provide a wide range of custom designed **management** and **service** functions. It can, for example, be used to limit energy consumption, indicate filter replacement needs or calculate optimum start up periods.

*Windows95®, Windows98® and WindowsNT® are registered trademarks of Microsoft corporation.*



New

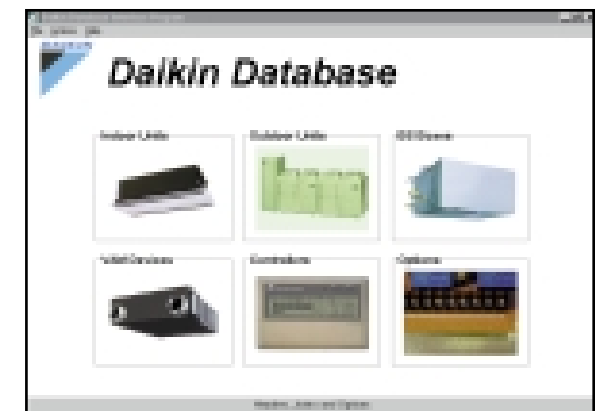
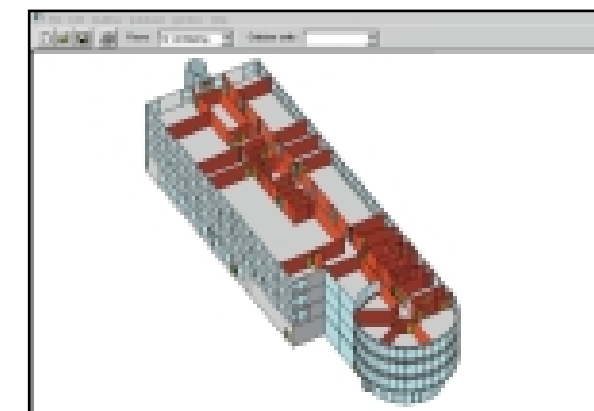
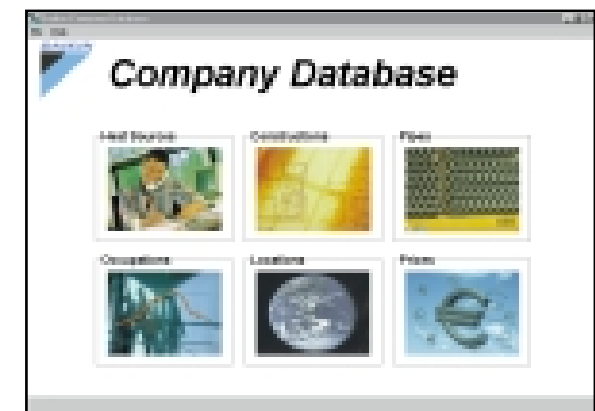
## Hi-VRV

### SELECTION PROGRAMME

A simple to use, Daikin Hi-VRV air conditioning computerised selection programme, designed for use with Windows95®, Windows98® and WindowsNT® systems, enables consulting engineers, design and build contractors, property developers and architects etc. to plan a Daikin air conditioning project on a step by step basis, complete with detailed drawings, bills of quantities and costs.

The programme thus enables VRV air conditioning systems to be engineered precisely and economically (without oversizing units), thereby ensuring optimum operating cycles and maximum energy efficiency.

*Windows95®, Windows98® and WindowsNT® are registered trademarks of Microsoft corporation.*





# 4

## Hydronic systems



POWER & PRECISION

*Precise environmental control is vital in many industrial and commercial applications. Daikin offers an outstanding range of powerful air cooled, water cooled and condenserless chiller systems that will maintain ideal conditions in even the largest premises. Daikin water chillers are of advanced design, compact and easy to install and maintain.*

*They prove flexible and effective in multiple process cooling applications in for example, fish farms, wine cellars, maritime transport, agricultural, pharmaceutical or industrial processes. When combined with air handling units or Daikin fan coil units of course, they are ideal for air conditioning offices, hotels, restaurants and even domestic premises.*

*Matched and flexible equipment/refrigerant combinations enable Daikin to offer a complete range of chillers, genuinely optimised for use with R-134a and R-407C and possessing the same quality and performance levels as comparable R-22 models. All chiller components - evaporator, condenser, dryer, oil etc - have been specially selected for use with either R-407C or R-134a refrigerants. The end result is a range of hi tech, high performance units, indicated by published EUROVENT data to be among the most energy efficient of their type on the market.*

*Advanced technology allied unsurpassed product reliability and quality, make Daikin chillers the first choice for professionals.*



**CHILLERS**  
*air cooled*

**EUWAY**

- low operating sound level
- low energy consumption
- extremely compact
- Daikin scroll compressor
- electronic controller
- wide operating range
- easy to install and maintain
- anti-corrosion treated plate type heat exchangers
- available in cooling only (EUWA) and heat pump format (EUWY)



Refrigerant : R-22 • Power supply: W1 = 3N-, 50Hz, 400V; T1 = 3-, 50Hz, 230V.

| COOLING ONLY               |          | EUWA5HD       | EUWA8HD         | EUWA10HD        | EUWA15HD        | EUWA20HD        | EUWA25HD        | EUWA30HD        |
|----------------------------|----------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Cooling capacity           | kW       | 10.3          | 18.3            | 21.6            | 30.7            | 43.6            | 52.9            | 65.2            |
| Nominal input              | kW       | 4.3           | 6.4             | 8.5             | 13.2            | 17.3            | 21.5            | 26              |
| Dimensions                 | HxWxD mm | 1,444x645x700 | 1,220x1,290x700 | 1,444x1,290x700 | 1,535x1,930x700 | 1,535x2,575x700 | 1,535x3,220x700 | 1,535x3,865x700 |
| Weight                     | kg       | 135           | 200             | 230             | 375             | 510             | 655             | 780             |
| Sound power/pressure level | dB(A)    | 69/-          | 78/-            | 78/-            | 78/-            | 81/-            | 81/-            | 83/-            |

Refrigerant : R-22 • Power supply: W1 = 3N-, 50Hz, 400V

| HEAT PUMP                  |            | EUWY5HD       | EUWY8HD         | EUWY10HD        | EUWY15HD        | EUWY20HD        | EUWY25HD        | EUWY30HD        |
|----------------------------|------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Cooling capacity           | kW         | 9.1           | 17.7            | 21.0            | 30.0            | 42.4            | 51.5            | 63.4            |
| Heating capacity           | kW         | 11.9          | 20              | 25.4            | 36.4            | 50.3            | 62.3            | 75.2            |
| Nominal input              | cooling kW | 4.2           | 6.4             | 8.4             | 13.0            | 17.0            | 21.2            | 25.6            |
|                            | heating kW | 4.2           | 7               | 8.5             | 12.6            | 17.3            | 21.5            | 25.9            |
| Dimensions                 | HxWxD mm   | 1,444x645x700 | 1,220x1,290x700 | 1,444x1,290x700 | 1,535x1,930x700 | 1,535x2,575x700 | 1,535x3,220x700 | 1,535x3,865x700 |
| Weight                     | kg         | 140           | 208             | 240             | 390             | 530             | 675             | 800             |
| Sound power/pressure level | dB(A)      | 69/-          | 78/-            | 78/-            | 78/-            | 81/-            | 81/-            | 83/-            |



**EUWA-HZ**

**CHILLERS**  
*air cooled*



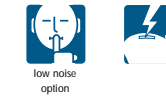
- optimised for use with R-407C
- special Daikin R-407C scroll compressors
- high energy efficiency ratio
- low pressure drops
- low sound level
- low direct on line start up current
- small footprint
- standard operating range from -5°C to 43°C ambient temperature

Refrigerant : R-407C • Power supply: W1 = 3N-, 50Hz, 400V; T1 = 3-, 50Hz, 230V. (except for 12HP)

| COOLING ONLY               |          | EUWA5HDZ      | EUWA8HDZ        | EUWA10HDZ       | EUWA12HDZ       |
|----------------------------|----------|---------------|-----------------|-----------------|-----------------|
| Cooling capacity           | kW       | 10.1          | 17.7            | 22.7            | 26.5            |
| Nominal input              | kW       | 4.2           | 7.2             | 8.5             | 10.6            |
| Dimensions                 | HxWxD mm | 1,444x645x700 | 1,220x1,290x700 | 1,444x1,290x700 | 1,444x1,290x700 |
| Weight                     | kg       | 135           | 200             | 230             | 233             |
| Sound power/pressure level | dB(A)    | 69/56         | 78/61           | 78/61           | 78/61           |

Refrigerant : R-407C • Power supply: W1 = 3N-, 50Hz, 400V; T1 = 3-, 50Hz, 230V. (except for 25,35HP)

| COOLING ONLY               |          | EUWA15HDZ       | EUWA20HDZ       | EUWA25HDZ       | EUWA30HDZ       | EUWA35HDZ       |
|----------------------------|----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Cooling capacity           | kW       | 32.8            | 45.4            | 53.0            | 68.1            | 79.5            |
| Nominal input              | kW       | 12.7            | 17.0            | 21.2            | 25.5            | 31.8            |
| Dimensions                 | HxWxD mm | 1,535x1,930x700 | 1,535x2,575x700 | 1,535x2,575x700 | 1,535x3,865x700 | 1,535x3,865x700 |
| Weight                     | kg       | 375             | 510             | 510             | 780             | 780             |
| Sound power/pressure level | dB(A)    | 78/62           | 81/64           | 81/64           | 83/67           | 83/67           |



**CHILLERS**  
*air cooled*

**EUWA\***

- low operating sound level
- single screw compressor
- high energy efficiency ratio
- operating range from -15°C to 43°C
- available in 6 models with nominal cooling capacities from 101 to 300 kW
- units with special pressure vessel approval are available on request



EUWA\* 40 - 60 KA



EUWA\* 80 - 120 KA

Refrigerant : R-22 • Power supply: Y1: 3~, 50 Hz, 400V / T1: 3~, 50Hz, 230V

| COOLING ONLY               |          | EUWA*40KA         | EUWA*50KA | EUWA*60KA | EUWA*80KA         | EUWA*100KA | EUWA*120KA |
|----------------------------|----------|-------------------|-----------|-----------|-------------------|------------|------------|
| Cooling capacity           | kW       | 101               | 129       | 161       | 202               | 258        | 300        |
| Nominal input              | kW       | 38.5              | 52.7      | 59.0      | 78.5              | 106        | 115        |
| Dimensions                 | HxWxD mm | 2,135x3,980x1,110 |           |           | 2,156x3,980x2,210 |            |            |
| Weight                     | kg       | 1,205             | 1,345     | 1,530     | 2,500             | 2,750      | 2,950      |
| Sound power/pressure level | dB(A)    | 88/-              | 92/-      | 94/-      | 97/-              | 96/-       | 95/-       |

\* =T(Germany - TÜV), K(Finland - TTK), M(France - SdM), B(Italy - ISPEL), Q(Poland-UDT), D(The Netherlands - RLK law), S(Sweden - AB-Staten) according to corresponding pressure vessel approval.

**EUWA\*-KX**

**CHILLERS**  
*air cooled*

- optimised for use with R-134a
- special Daikin single screw compressor
- high EER
- low noise option available
- BMS connection possible
- evaporators located in the middle of the unit
- 2 switchboxes (high and low voltage)
- new compressor housing
- victaulic joints for plate heat exchangers
- pre mounted 5 inch piping for easier field piping operations (from 160hp on)



EUWA\* 40 - 60 KAX



EUWA\* 160 - 200 KX

Refrigerant : R-134a • Power supply: Y1 = 3~, 50Hz, 400V; T1 = 3~, 50Hz, 230V (only EUWA\*40-120K(A)X)

| COOLING ONLY               |          | EUWA*40KAX        | EUWA*50KAX | EUWA*60KAX | EUWA*80KAX        | EUWA*100KAX |
|----------------------------|----------|-------------------|------------|------------|-------------------|-------------|
| Cooling capacity           | kW       | 111               | 140        | 166        | 211               | 276         |
| Nominal input              | kW       | 39.1              | 53.7       | 64         | 79                | 110         |
| Dimensions                 | HxWxD mm | 2,135x3,980x1,110 |            |            | 2,156x3,980x2,210 |             |
| Weight                     | kg       | 1,391             | 1,600      | 1,705      | 2,710             | 3,210       |
| Sound power/pressure level | dB(A)    | 91/-              | 97/-       | 95/-       | 94/-              | 100/-       |

Refrigerant : R-134a • Power supply: Y1 = 3~, 50Hz, 400V; T1 = 3~, 50Hz, 230V (only EUWA\*40-120K(A)X)

| COOLING ONLY               |          | EUWA*120KAX       | EUWA*160KX | EUWA*180KX        | EUWA*200KX |
|----------------------------|----------|-------------------|------------|-------------------|------------|
| Cooling capacity           | kW       | 316               | 400        | 438               | 475        |
| Nominal input              | kW       | 130               | 164        | 178               | 191        |
| Dimensions                 | HxWxD mm | 2,156x3,980x2,210 |            | 2,156x5,906x2,265 |            |
| Weight                     | kg       | 3,260             | 5,400      | 5,450             | 5,500      |
| Sound power/pressure level | dB(A)    | 98/-              | 99/-       | 100/-             | 100/-      |

\* =T(Germany - TÜV), K(Finland - TTK), M(France - SdM), B(Italy - ISPEL), Q(Poland-UDT), D(The Netherlands - RLK law), S(Sweden - AB-Staten) according to corresponding pressure vessel approval.



**CHILLERS**  
*air cooled*

**EUWA\*-LZ**

- Daikin single screw compressor
- all components optimised for use with R-407C refrigerant
- electronic DDC control
- modular format
- standard operating range down to -15°C ambient
- high quality, standard anti-corrosion treated components
- moisture indicator as standard
- victaulic joints as standard
- chilled water temperatures down to 4°C (down to -10°C with ZL option and glycol)
- optional BMS and DICN connection available
- double refrigeration circuits (from 160hp on)
- pre-mounted, 5 inch piping for easier field connection



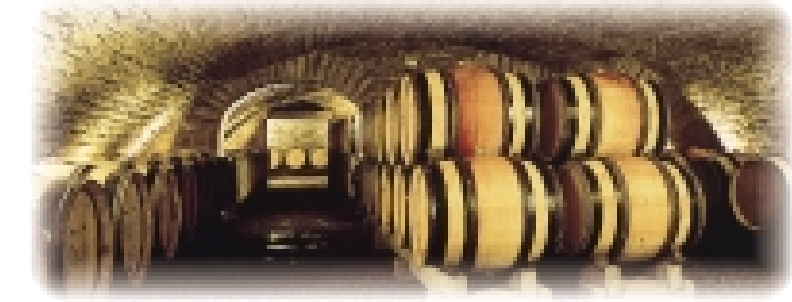
Refrigerant : R-407C • Power supply: Y1 = 3~, 50Hz, 400V

| COOLING ONLY               |       | EUWA*40LZ (1)     | EUWA*50LZ (1) | EUWA*60LZ | EUWA*80LZ (1)     | EUWA*100LZ (1) |
|----------------------------|-------|-------------------|---------------|-----------|-------------------|----------------|
| Cooling capacity           | kW    | 99                | 131           | 155       | 205               | 269            |
| Nominal input              | kW    | 43                | 55            | 66        | 87                | 112            |
| Dimensions                 | HxWxD | 2,160x2,340x2,238 |               |           | 2,165x4,280x2,238 |                |
| Weight                     | kg    | 1,346             | 1,610         | 1,637     | 2,833             | 3,152          |
| Sound power/pressure level | dB(A) | 88/-              | 92/-          | 96/-      | 95/-              | 96/-           |

Refrigerant : R-407C • Power supply: Y1 = 3~, 50Hz, 400V

| COOLING ONLY               |       | EUWA*120LZ (1)    | EUWA*160LZ | EUWA*180LZ        | EUWA*200LZ |
|----------------------------|-------|-------------------|------------|-------------------|------------|
| Cooling capacity           | kW    | 310               | 419        | 479               | 539        |
| Nominal input              | kW    | 135               | 171        | 202               | 232        |
| Dimensions                 | HxWxD | 2,165x4,280x2,238 |            | 2,165x5,906x2,238 |            |
| Weight                     | kg    | 3,404             | 5,002      | 5,044             | 5,086      |
| Sound power/pressure level | dB(A) | 97/-              | 100/-      | 101/-             | 102/-      |

\* =T (Germany - TÜV), K(Finland - TTK), M(France - SdM), B(Italy - ISPEL), Q(Poland - UDT), D(The Netherlands - RLK law), S(Sweden - AB-Statén) according to corresponding pressure vessel approval. / (1) Preliminary info



**EUWAC**

**CHILLERS**  
*air cooled*



- centrifugal fan
- cooling only application
- nom. cooling capacities ranging from 11.5 to 23.0 kW
- available in 3 standard sizes
- specially designed for inside installation

Refrigerant : R-22 • Power supply: W1 = 3N~, 50Hz, 380/415V; T1 = 3~, 50Hz, 220V.

| COOLING ONLY                     |                    | EUWAC5FA      | EUWAC8FA        | EUWAC10FA       |
|----------------------------------|--------------------|---------------|-----------------|-----------------|
| Cooling capacity                 | kW                 | 11.5          | 18.8            | 23.0            |
| Nominal input                    | kW                 | 5.2           | 9.0             | 11.1            |
| Maximum external static pressure | mmH <sub>2</sub> O | 10            | 15              | 15              |
| Dimensions                       | HxWxD              | 1,345x795x605 | 1,290x1,125x605 | 1,395x1,175x605 |
| Weight                           | kg                 | 175           | 230             | 270             |
| Sound power/pressure level       | dB(A)              | -/53          | -/59            | -/60            |





**CHILLERS**

*water cooled*

**EUW(H)**



- for indoor (or outdoor) installation
- available in cooling only (EUW) and heating only (EUWH) models
- units with special pressure vessel approval are available on request
- hermetic reciprocating compressor

Refrigerant : R-22 • Power supply: T1=3~, 50Hz, 230V ; Y1 = 3~, 50Hz, 400V

| C/O & H/O                  |          | EUW(H)5FB   | EUW(H)8FA     | EUW(H)10FA    | EUW(H)15F       | EUW(H)20F       |
|----------------------------|----------|-------------|---------------|---------------|-----------------|-----------------|
| Cooling capacity           | kW       | 13.2        | 20.4          | 26.8          | 49.4            | 59.6            |
| Heating capacity           | kW       | 16.1        | 24.2          | 32.0          | 56.6            | 68.9            |
| Nominal input              | cooling  | 3.9         | 5.8           | 7.6           | 12.3            | 15.3            |
|                            | heating  | 4.4         | 6.5           | 8.5           | 13.6            | 16.9            |
| Dimensions                 | HxWxD mm | 700x904x604 | 800x1,104x754 | 800x1,104x754 | 1,155x1,092x448 | 1,155x1,092x448 |
| Weight                     | kg       | 150         | 200           | 215           | 285             | 306             |
| Sound power/pressure level | dB(A)    | -/50        | -/51          | -/51          | -/56            | -/59            |



EUWL\*40-100KX

**CHILLERS**

*water cooled / remote condenser*

**EUW(L)\*-KX**

- the most compact unit in the market
- optimised design for use with R-134a
- special Daikin screw compressor
- high EER
- electronic controller
- control on cold and hot side
- voltage free contacts (for alarms etc)
- LWE control
- lead lag switch
- victaulic joints as standard
- totally independent twin circuits (from 120hp on)
- condenserless units available throughout the range



EUW\*120-200KX

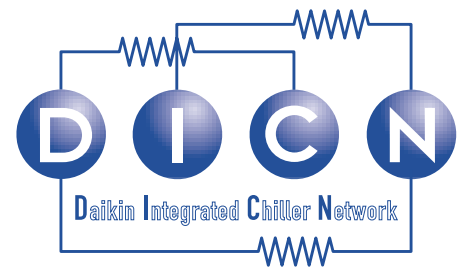
Refrigerant : R-134a • Power supply: T1 = 3~, 50Hz, 230V/ Y1 = 3~, 50Hz, 4000V

|                            |          | EUW(L)*40KX     | EUW(L)*60KX | EUW(L)*80KX | EUW(L)*100KX |
|----------------------------|----------|-----------------|-------------|-------------|--------------|
| Cooling capacity (EUW)     | kW       | 120             | 190         | 249         | 290          |
| Cooling capacity (EUWL)    | kW       | 119             | 188         | 246         | 287          |
| Heating capacity (EUW)     | kW       | 149             | 237         | 313         | 362          |
| Power input (EUW)          | Cooling  | 30.0            | 48.6        | 66.1        | 74.0         |
|                            | Heating  | 35.1            | 57.2        | 75.5        | 87.3         |
| Dimensions                 | HxWxD mm | 1,014x2,672x898 |             |             |              |
| Weight (EUW)               | kg       | 990             | 1,320       | 1,640       | 1,680        |
| Weight (EUWL)              | kg       | 882             | 1,100       | 1,370       | 1,410        |
| Sound power/pressure level | dB(A)    | 90/-            | 96/-        | 96/-        | 98/-         |

Refrigerant : R-134a • Power supply: T1= 3~, 50Hz, 230V / Y1 = 3~, 50Hz, 400V

|                            |          | EUW(L)*120KX    | EUW(L)*140KX | EUW(L)*160KX | EUW(L)*180KX | EUW(L)*200KX |
|----------------------------|----------|-----------------|--------------|--------------|--------------|--------------|
| Cooling capacity (EUW)     | kW       | 380             | 439          | 498          | 539          | 580          |
| Cooling capacity (EUWL)    | kW       | 376             | 434          | 493          | 533          | 574          |
| Heating capacity (EUW)     | kW       | 474             | 551          | 626          | 675          | 724          |
| Power input (EUW)          | Cooling  | 97.2            | 115          | 132          | 140          | 148          |
|                            | Heating  | 114             | 133          | 151          | 163          | 175          |
| Dimensions                 | HxWxD mm | 2,000x2,672x898 |              |              |              |              |
| Weight (EUW)               | kg       | 2,640           | 2,960        | 3,280        | 3,320        | 3,360        |
| Weight (EUWL)              | kg       | 2,200           | 2,470        | 2,740        | 2,780        | 2,820        |
| Sound power/pressure level | dB(A)    | 99/-            | 99/-         | 99/-         | 100/-        | 101/-        |

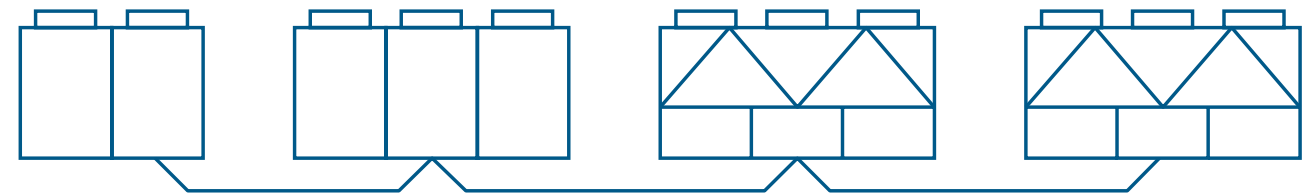
\* =T(Germany - TÜV), K(Finland - TTK), M(France - SdM), B(Italy - ISPEL), Q(Poland-UDT), D(The Netherlands - RLK law), S(Sweden - AB-Statén) according to corresponding pressure vessel approval.



**DAIKIN INTEGRATED CHILLER NETWORK**

**D.I.C.N**

| models R-22                   | models R-407C   | models R-134a                                 |
|-------------------------------|---|---|
| EUWAT(B,M,D)40,50,60KAY1/T1   | EUWAT(B,D,K,Q,M,S)40,50,60,80,100,120,160,180,200LZY1 | EUWAT(B,D,K,Q,M,S)40,50,60,80,100,120KAXY1/T1 |
| EUWAT(B,M,D)80,100,120KAY1/T1 |   | EUWAT(B,D,K,Q,M,S)160,180,200KXY1             |
|                               |   | EUWT(B,D,K,Q,M,S)40,60,80,100,120KXY1/T1      |
|                               |   | EUWT(B,D,K,Q,M,S)160,180,200KXY1/T1           |



Daikin chillers with DDC control can be equipped with DICN which allows the simultaneous operation of up to 4 chillers as if they were a single unit, in order to deliver the required cooling capacity. This results in precise and efficient capacity control and is also useful for back up purposes, ensuring that the necessary amount of cooling is available and guaranteeing reliable operation of the chiller plant. This function enables a Daikin 2MW chiller plant to be operated via a single controller.

**EHMC**

**HYDRAULIC MODULE**

- 3 models available
- 100 l tank for all sizes (even for 35 H.P. chiller)
- freeze up protection
- low and high static pump (option)
- specially designed for Daikin EUWA5-30HD, EUWA5-35HDZ and EUWY5-30HD water chillers
- standard drain kit (for indoor use)
- standard dual pressure ports (before & behind the pump)



EHMC10-15-30 AV1010

(1) for high static option

Power supply: V1 = 1-, 50Hz, 230V.

| EHMC                                |                   | EHMC10AV1010                    | EHMC15AV1010  | EHMC30AV1010    |
|-------------------------------------|-------------------|---------------------------------|---------------|-----------------|
| Nominal flow                        | l/min             | 62                              | 88            | 187             |
| Nominal static height               | mH <sub>2</sub> O | 17/34 (1)                       | 15/27 (1)     | 10/27 (1)       |
| Nominal input                       | W                 | 630/1,050 (1)                   | 650/1,070 (1) | 1,070/2,090 (1) |
| Dimensions                          | HxWxD             | 1,284x635x688                   |               |                 |
| Weight                              | kg                | 99                              | 102           | 105             |
| Sound power/pressure level          | dB(A)             | 63/52                           | 63/52         | 63/52           |
| Operation range (airside/waterside) |                   | -10°C to +43°C / -10°C to +55°C |               |                 |



FAN COIL UNITS

FWV(M)/FWH(M)/FWHC

5 different models, several capacity versions

- low sound level
- fashionable design
- wide range of options
- to be combined with water chiller or boiler
- washable air filter



Low wall unit

Power supply: V1 = 1-, 50Hz, 230V.

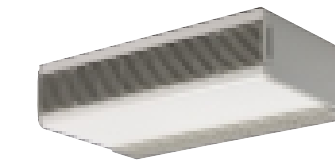
| FWV-BA6V1 / FWV-BAF6V1       |           | 1           | 2           | 3           | 4             | 6             | 8             | 10            |
|------------------------------|-----------|-------------|-------------|-------------|---------------|---------------|---------------|---------------|
| Cooling capacity (2-/4-pipe) | kW        | 1.31 / 1.29 | 1.98 / 1.95 | 2.90 / 2.86 | 3.89 / 3.83   | 4.60 / 4.54   | 6.29 / 6.20   | 7.84 / 7.73   |
| Heating capacity (2-/4-pipe) | kW        | 1.77 / 1.90 | 2.55 / 2.49 | 3.64 / 3.68 | 4.88 / 4.74   | 6.35 / 6.05   | 8.03 / 8.07   | 10.1 / 10.2   |
| Nominal input                | H/L W     | 38/20       | 66/27       | 60/29       | 84/36         | 111/54        | 180/87        | 242/111       |
| Dimensions                   | HxWxD mm  | 560x775x228 |             | 560x985x228 | 560x1195x228  |               | 560x1405x253  |               |
| Weight (2-/4-pipe)           | kg        | 20.1 / 21.2 | 20.6 / 21.7 | 26.1 / 27.4 | 31.8 / 33.5   | 31.8 / 33.5   | 40.8 / 43.1   | 40.8 / 43.1   |
| Air flow rate (2-/4-pipe) M  | l/s       | 52.9 / 51.9 | 68.7 / 67.4 | 95.9 / 93.9 | 133.1 / 130.4 | 171.7 / 168.3 | 224.6 / 220.1 | 278.9 / 273.4 |
| Sound pressure level         | H/L dB(A) | 33/20       | 40/23       | 34/19       | 38/23         | 46/32         | 48/35         | 53/40         |
| Sound power level            | H/L dB(A) | 47/34       | 54/37       | 48/33       | 52/37         | 60/46         | 62/49         | 67/54         |



Concealed low wall unit

Power supply: V1 = 1-, 50Hz, 230V.

| FVVM-BA6V1 / FVVM-BAF6V1     |           | 1           | 2           | 3           | 4             | 6             | 8             | 10            |
|------------------------------|-----------|-------------|-------------|-------------|---------------|---------------|---------------|---------------|
| Cooling capacity (2-/4-pipe) | kW        | 1.31 / 1.29 | 1.98 / 1.95 | 2.90 / 2.86 | 3.89 / 3.83   | 4.60 / 4.54   | 6.29 / 6.20   | 7.84 / 7.73   |
| Heating capacity (2-/4-pipe) | kW        | 1.77 / 1.90 | 2.55 / 2.49 | 3.64 / 3.68 | 4.88 / 4.74   | 6.35 / 6.05   | 8.03 / 8.07   | 10.1 / 10.2   |
| Nominal input                | H/L W     | 38/20       | 66/27       | 60/29       | 84/36         | 111/54        | 180/87        | 242/111       |
| Dimensions                   | HxWxD mm  | 535x498x223 |             | 535x708x223 | 535x918x223   |               | 535x1,128x248 |               |
| Weight (2-/4-pipe)           | kg        | 14.6 / 15.7 | 15.1 / 16.2 | 19.5 / 20.8 | 23.8 / 25.5   | 24.6 / 26.3   | 31.8 / 34.1   | 31.8 / 34.1   |
| Air flow rate (2-/4-pipe) M  | l/s       | 52.9 / 51.9 | 68.7 / 67.4 | 95.9 / 93.9 | 133.1 / 130.4 | 171.7 / 168.3 | 224.6 / 220.1 | 278.9 / 273.4 |
| Sound pressure level         | H/L dB(A) | 36/23       | 43/26       | 37/22       | 42/26         | 49/35         | 51/38         | 56/43         |
| Sound power level            | H/L dB(A) | 47/34       | 54/37       | 48/33       | 52/37         | 60/46         | 62/49         | 67/54         |



Ceiling suspended unit

Power supply: V1 = 1-, 50Hz, 230V.

| FWH-BA6V1 / FWH-BAF6V1       |           | 1           | 2           | 3           | 4             | 6             | 8             | 10            |
|------------------------------|-----------|-------------|-------------|-------------|---------------|---------------|---------------|---------------|
| Cooling capacity (2-/4-pipe) | kW        | 1.31 / 1.29 | 1.98 / 1.95 | 2.90 / 2.86 | 3.89 / 3.83   | 4.60 / 4.54   | 6.29 / 6.20   | 7.84 / 7.73   |
| Heating capacity (2-/4-pipe) | kW        | 1.77 / 1.90 | 2.55 / 2.49 | 3.64 / 3.68 | 4.88 / 4.74   | 6.35 / 6.05   | 8.03 / 8.07   | 10.1 / 10.2   |
| Nominal input                | H/L W     | 38/20       | 66/27       | 60/29       | 84/36         | 111/54        | 180/87        | 242/111       |
| Dimensions                   | HxWxD mm  | 228x775x560 |             | 228x985x560 | 228x1,195x560 |               | 253x1,405x560 |               |
| Weight (2-/4-pipe)           | kg        | 20.9 / 22   | 22.1 / 23.2 | 27.7 / 29   | 33.3 / 35     | 33.3 / 35     | 42.3 / 44.6   | 43.1 / 45.4   |
| Air flow rate (2-/4-pipe) M  | l/s       | 52.9 / 51.9 | 68.7 / 67.4 | 95.9 / 93.9 | 133.1 / 130.4 | 171.7 / 168.3 | 224.6 / 220.1 | 278.9 / 273.4 |
| Sound pressure level         | H/L dB(A) | 33/20       | 40/23       | 34/19       | 38/23         | 46/32         | 48/35         | 53/40         |
| Sound power level            | H/L dB(A) | 47/34       | 54/37       | 48/33       | 52/37         | 60/46         | 62/49         | 67/54         |



Concealed ceiling unit

Power supply: V1 = 1-, 50Hz, 230V.

| FVWHM-BA6V1 / FVWHM-BAF6V1   |           | 1           | 2           | 3           | 4             | 6             | 8             | 10            |
|------------------------------|-----------|-------------|-------------|-------------|---------------|---------------|---------------|---------------|
| Cooling capacity (2-/4-pipe) | kW        | 1.31 / 1.29 | 1.98 / 1.95 | 2.90 / 2.86 | 3.89 / 3.83   | 4.60 / 4.54   | 6.29 / 6.20   | 7.84 / 7.73   |
| Heating capacity (2-/4-pipe) | kW        | 1.77 / 1.90 | 2.55 / 2.49 | 3.64 / 3.68 | 4.88 / 4.74   | 6.35 / 6.05   | 8.03 / 8.07   | 10.1 / 10.2   |
| Nominal input                | H/L W     | 38/20       | 66/27       | 60/29       | 84/36         | 111/54        | 180/87        | 242/111       |
| Dimensions                   | HxWxD mm  | 223x706x535 |             | 223x916x535 | 223x1,126x535 |               | 248x1,336x535 |               |
| Weight (2-/4-pipe)           | kg        | 15.3 / 16.4 | 16.1 / 17.2 | 20.4 / 21.7 | 24.8 / 26.5   | 25.1 / 26.7   | 33.3 / 35.6   | 33.3 / 35.6   |
| Air flow rate (2-/4-pipe) M  | l/s       | 52.9 / 51.9 | 68.7 / 67.4 | 95.9 / 93.9 | 133.1 / 130.4 | 171.7 / 168.3 | 224.6 / 220.1 | 278.9 / 273.4 |
| Sound pressure level         | H/L dB(A) | 33/20       | 40/23       | 34/19       | 38/23         | 46/32         | 48/35         | 53/40         |
| Sound power level            | H/L dB(A) | 47/34       | 54/37       | 48/33       | 52/37         | 60/46         | 62/49         | 67/54         |



2-way blow cassette

Power supply: V1=1-, 230V, 50Hz

| 2-PIPE SYSTEM        |              | FWHC2B | FWHC3B      | FWHC4B      | FWHC6B       | FWHC8B        | FWHC12B       |              |
|----------------------|--------------|--------|-------------|-------------|--------------|---------------|---------------|--------------|
| Cooling capacity     | kW           | 1.96   | 2.58        | 3.71        | 5.36         | 7.22          | 9.32          |              |
| Heating capacity     | kW           | 3.58   | 4.79        | 6.80        | 9.79         | 13.52         | 17.6          |              |
| Nominal input        | W            | 48     | 71          | 85          | 112          | 172           | 207           |              |
| Dimensions (HxWxD)   | unit         | mm     | 449x591x550 | 449x721x550 | 449x871x550  | 449x1,181x550 | 449x1,951x550 |              |
|                      | decor. panel | mm     | 48x855x550  | 48x985x550  | 48x1,135x550 | 48x1,445x550  | 48x1,755x550  | 48x2,215x550 |
| Weight               | unit         | kg     | 16          | 19          | 23           | 32            | 39            |              |
|                      | decor. panel | kg     | 4           | 5           | 7            | 8             | 11            | 13           |
| Air flow rate        | H            | l/s    | 101.7       | 141.7       | 188.3        | 283.3         | 376.7         |              |
| Sound pressure level | H/L          | dB(A)  | 30/19       | 32/21       | 32/21        | 33/22         | 36/26         | 38.5/27      |

Power supply: V1=1-, 230V, 50Hz

| 4-PIPE SYSTEM        |              | FWHC2BF | FWHC3BF     | FWHC4BF     | FWHC6BF      | FWHC8BF       | FWHC12BF      |              |
|----------------------|--------------|---------|-------------|-------------|--------------|---------------|---------------|--------------|
| Cooling capacity     | kW           | 2.26    | 2.85        | 3.63        | 4.47         | 6.38          | 7.85          |              |
| Heating capacity     | kW           | 2.50    | 3.22        | 4.14        | 5.31         | 8.02          | 10.86         |              |
| Nominal input        | W            | 44      | 64          | 68          | 99           | 129           | 219           |              |
| Dimensions (HxWxD)   | unit         | mm      | 449x591x550 | 449x721x550 | 449x871x550  | 449x1,181x550 | 449x1,951x550 |              |
|                      | decor. panel | mm      | 48x855x550  | 48x985x550  | 48x1,135x550 | 48x1,445x550  | 48x1,755x550  | 48x2,215x550 |
| Weight               | unit         | kg      | 18          | 21          | 26           | 36            | 44            |              |
|                      | decor. panel | kg      | 4           | 5           | 7            | 8             | 11            | 13           |
| Air flow rate        | H            | l/s     | 101.7       | 141.7       | 183.3        | 271.7         | 350           |              |
| Sound pressure level | H/L          | dB(A)   | 30/19       | 32/21       | 32/21        | 33/22         | 36/26         | 38.5/27      |

# Daikin Chiller

## SELECTION SOFTWARE

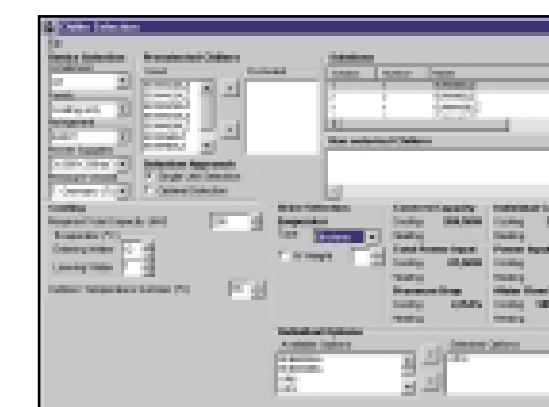
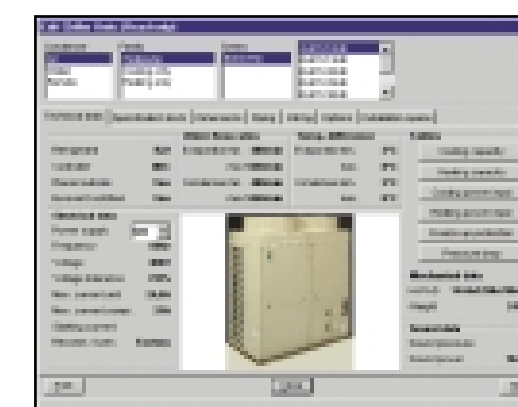
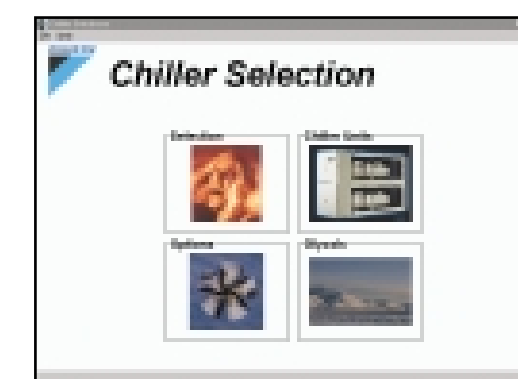
Purpose designed, user friendly and powerful, this facility simplifies and speeds up the selection of Daikin chillers. The built-in programme enables the most suitable selection to be made according to cooling/heating capacity and specified design conditions. Extensive print outs are available.

The Daikin chiller selection programme runs under Windows95®, Windows98® and WindowsNT®, without specific computer requirements.

Daikin chillers are equipped with a user friendly electronic controller, complete with electronic sensors to monitor and provide information on water inlet and outlet temperatures and air/coil temperatures. The controller also incorporates a number of safety devices, timer functions, an adjustable thermostat function etc.

The selection software covers a complete database of all chiller units, which includes specifications, wiring diagrams, piping diagrams, technical data, options and installation space.

*Windows95®, Windows98® and WindowsNT® are registered trademarks of Microsoft corporation.*





# 5



CONDENSING UNITS

## ER

### CONDENSING UNIT

- split type condensing unit
- slim and compact
- easy to install and maintain
- indoor or outdoor installation



Refrigerant : R-22 • Power supply: T1 = 3~, 50Hz, 230V

| COOLING ONLY               |          | ER3DA           | ER5DA             | ER8DA               | ER10DA              |
|----------------------------|----------|-----------------|-------------------|---------------------|---------------------|
| Cooling capacity           | kW       | 8.3             | 13.0              | 22.2                | 26.6                |
| Nominal input              | kW       | 3.0             | 4.5               | 7.1                 | 9.5                 |
| Dimensions                 | HxWxD mm | 796 x 922 x 373 | 1,179 x 922 x 373 | 1,254 x 1,390 x 373 | 1,560 x 1,390 x 373 |
| Weight                     | kg       | 85              | 130               | 185                 | 210                 |
| Sound power/pressure level | dB(A)    | 67/54           | 71/58             | 72/59               | 73/60               |