SkyAir
Air Conditioning System
Cooling Only [50Hz]

Wide Line-up
Energy Saving
360° round flow

R-410A
# Product Lineup

- **1 phase**
- **3 phase**

<table>
<thead>
<tr>
<th>Product</th>
<th>Series</th>
<th>50</th>
<th>60</th>
<th>71</th>
<th>100</th>
<th>125</th>
<th>140</th>
</tr>
</thead>
</table>
| **CEILING MOUNTED CASSETTE TYPE**  
(Round Flow)  
(Outdoor unit) | FCQ50LUV1 | FCQ60LUV1 | FCQ71LUV1 | NEW | FCQ100KAVEA | NEW | FCQ125KAVEA | NEW |
| RZR50LVM | RZR60LVM | RZR71LVVMG | NEW | RZR100MVMG | NEW | RZR125MVMG | NEW | RZR140MVMG | NEW |
| Indoor unit | NEW | NEW | NEW | NEW | NEW | NEW | NEW |

| **DUCT CONNECTION MIDDLE**  
and HIGH STATIC PRESSURE TYPE  
(Outdoor unit) | FBQ50EVE | FBQ60EVE | FBQ71EVE | NEW | FBQ100EVE | NEW | FBQ125EVE | NEW |
| RZR50LVM | RZR60LVM | RZR71LVVMG | NEW | RZR100MVMG | NEW | RZR125MVMG | NEW | RZR140MVMG | NEW |
| Indoor unit | NEW | NEW | NEW | NEW | NEW | NEW | NEW |

| **CEILING SUSPENDED TYPE**  
(Outdoor unit) | FHQ100DAVMA | FHQ125DAVMA | NEW | FHQ140DAVMA | NEW | NEW | NEW |
| RZR100MYM | RZR125MYM | NEW | RZR140MYM | NEW | NEW | NEW |
| Indoor unit | NEW | NEW | NEW | NEW | NEW | NEW | NEW |

| **WALL MOUNTED TYPE**  
(Outdoor unit) | FAQ100CVEA | NEW |
| Indoor unit | NEW | RZR100MYM |

## OUTDOOR UNIT

| Indoor unit | RZR50LVM | RZR60LVM | RZR71LVVMG | NEW | RZR100MVMG | NEW | RZR125MVMG | NEW | RZR140MVMG | NEW |

## ENERGY SAVING LABEL

- NEW
- NEW
- NEW
- NEW
- NEW
- NEW
- NEW
- NEW
- NEW
- NEW
**Energy saving**

Throughout the cooling season, Daikin’s new inverter models reduce energy consumption.

**NEW**

<table>
<thead>
<tr>
<th>COP values by capacity for cassette models</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weighted COP Value</td>
</tr>
<tr>
<td>RZQ100 M 7V2</td>
</tr>
<tr>
<td>RZQ150 M 7V2</td>
</tr>
<tr>
<td>RZQ200 M 7V2</td>
</tr>
</tbody>
</table>

**New inverter RZR-M series R410A (cassette type)**

What is COP?

COP is the value for the annual total cooling load divided by the annual total power consumption at outdoor air condition specified by ISO standard.

* COP (Coefficient of Performance) is a new international energy-efficiency criterion calculated by methods stipulated in ISO 15394 [1].

**Comfort**

Faster cooling and dehumidification: New inverter control technology brings quick comfort.

**NEW**

**Quick cooling start function**

Quickly and easily make space comfortable before the arrival of office workers or shop customers. As well as quick cooling at max. capacity, new inverter control rapidly removes indoor humidity. More than simple temperature reduction, this twin reduction provides greater comfort (within 30 minutes max.).

- BECE61 wired remote controller is used for 'Quick cooling start'.

**Compact**

New outdoor units save even more space.

**NEW**

Compared to the previous mainstream non-inverter series, outdoor units are much more compact. Easy installation in places with limited space.

**In case of 14.0kW class**

- New inverter RZR-M series
  - RZQ150 M 5V2
  - RZQ200 M 5V2
  - RZQ250 M 5V2

- Non inverter
  - RZQ150 M 5V2
  - RZQ200 M 5V2
  - RZQ250 M 5V2

**More compact, much higher COP!**

23% reduction in volume.
Outdoor unit operating sound can be reduced by 4dB(A).

Navigation remote controller BRC2E61 includes various convenient functions

- **Automatic return to temperature preset by owner.**
  - Setpoint auto reset
  - Even if the set temperature is changed, after a preset period new set temperature returns to preset value.
  - Period selectable from 30, 40, 90, or 120 minutes.

- **Owner can preset upper and lower temperatures.**
  - Setpoint range set
  - Saves energy by limiting the min. and max. set temperatures.
  - Avoids excessive heating or cooling.
  - This function is convenient if the remote controller is installed where anyone can change the settings.

**Demand Control Function**

By setting limits that restrict power consumption, you can cut electricity bills.

Power consumption is given first priority, and limits maximum power consumption of unit.

- Maximum power consumption can be set at 60, 60, 70, 80, or 100%.

**Night quiet operation mode**

Consideration for people living nearby

Outdoor unit operating sound can be reduced by 4dB(A).

*Please refer to Service Manual.*
**Benefit 1** Simplified installation reduces replacement time and cost

**When considering air conditioner replacement, do the following things concern you?**

- For how long will the business have to close down?
- While replacement work is going on, how will sales be affected?
- Won't the costs be high and work period longer because scaffolding is necessary for pipe replacement?

These problems are solved by Daikin!

Where feasible, by reusing existing pipes*, we cut your work cost and reduce work time.

*Strict conditions apply, please check the table on page 32 for acceptable pipes using 37 pipes are to be reused.

**Benefit 2** You can increase cooling capacity and achieve higher energy efficiency

Upgrade to an air conditioner with the latest technology for greater comfort and energy efficiency.

**Technology**

Advanced technology including the use of corrosion resistant electronic expansion valves, acid neutralizers and improved compressor reliability enables the re-use of existing piping* without the need of pipe flushing for a simplified replacement process.

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**Possible to force On-Off operation using external command**

(Available in duct connection middle static pressure type and wall mounted type)

Off-operation never overlooked if linked to use of hotel keycard; enables overall power savings.

Duct connection middle static pressure type FBQ-E series

Wall mounted type FAQ-C series

*Other type of indoor unit is available by using optional adaptors.

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**All indoor units comply with DIII-Net standards [connected to RZR series units]**

Thanks to easy connection to DIII-NET and long piping length, suitable for projects that include VRV and SkyAir.

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**Design flexibility**

**Wireless LAN connecting adaptor for SkyAir**

Model name: BRP072C421

<table>
<thead>
<tr>
<th>Model name</th>
<th>BRP072C421</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (H×W×D)</td>
<td>79 x 49 x 17.5 mm</td>
</tr>
<tr>
<td>Gross weight</td>
<td>36 g</td>
</tr>
<tr>
<td>Wireless LAN standard</td>
<td>IEEE802.11 b/g/n (2.4 GHz)</td>
</tr>
<tr>
<td>Accessories</td>
<td>Wire harness (two units), screws (two pieces), double-faced tape (two pieces), holder, installation manual</td>
</tr>
</tbody>
</table>

With this adaptor, one can use Daikin Mobile Controller to control SkyAir units using their smartphones after downloading the application onto their smartphone.
**Comfort Enhanced by Round Flow!**

- **360° airflow**
  With uniform temperature distribution
- **Air movement is gentle with Round Flow Enhanced Comfort**

**Adapts Easily To The Installation Space.**

Because air flows out from corner outlets, comfort spreads more widely.

**Quiet Operation at 28** **dB(A)**

**Easy Cleaning with Coated External Panels.**

- Silver ion anti-bacterial drain pan
- Non-flocking flaps
- Filter has anti-mould and antibacterial treatment

**Optimal Comfort and Convenience Assured by 2 Air Discharge Modes**

<table>
<thead>
<tr>
<th>Air direction</th>
<th>Standard setting¹</th>
<th>Setting to prevent soiling of ceiling² (Hygiene setup)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Desired situation</td>
<td>Standard position to prevent draft.</td>
<td>Recommended for shops with light concentrated ceilings that must be kept spotless.</td>
</tr>
<tr>
<td>Auto-using</td>
<td>Side discharge between 15° and 40°.</td>
<td>Side discharge between 25° and 60°.</td>
</tr>
<tr>
<td>5-levels air discharge setting</td>
<td>Selectable in 5 different levels between 15° and 60°.</td>
<td>Selectable in 5 different levels between 25° and 60°.</td>
</tr>
<tr>
<td>Auto direction control</td>
<td>Side discharge between 15° and 60°.</td>
<td>Side discharge between 25° and 60°.</td>
</tr>
</tbody>
</table>

¹ For air direction is set automatically to the memorized position of the previous air direction.
² Cleaning of the corner discharge outlet is recommended.

**Compact Body for Quick & Easy Installation in Tight Ceiling (50LU-71LU)**

- **Drain Pump is Equipped as Standard Accessory with 850 mm Lift.**
- **With Ultra long-life filters (option), maintenance is not required in normal shops or offices for up to four years.**

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model Name</th>
<th>Indoor unit</th>
<th>Outdoor unit</th>
<th>Power supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor unit</td>
<td>FCQ35LVYV</td>
<td>RZR35LVYMV</td>
<td>5.0 (2.3-5.6)</td>
</tr>
<tr>
<td>Outdoor unit</td>
<td>RZR35LVYMV</td>
<td>5.0 (2.3-5.6)</td>
<td></td>
</tr>
<tr>
<td>Power source</td>
<td>Single-phase AC 200-230 V, 50/60 Hz</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**OPTIONS**

- **Navigation Remote Controller**
- **Filters**
- **Wiring adaptors for electrical appendages (5P)**

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Note: Whatever the discharge direction, the same type of panel is used. If installing for other than all-round flow, 990X940X320 mm *2

10 11

1190.6x841.9
**Thinner Design Allows Greater Installation Flexibility**

**Design and Installation Flexibility**
With a height of only 245 mm, installation is possible even in buildings with narrow ceiling spaces.

- **245mm**

- **850mm**

- **Higher lift is realized by utilizing built-in DC drain pump with standard accessory.**

**Easy Maintenance**
Position of drain pan inspection opening has been modified for easier inspection work.

- **Drain pan maintenance check window**

  This makes it possible to inspect for drain pan dirt and to confirm drainage during installation without the use of tools.

**Easy maintenance because the drain pan can be removed.**

**High Efficiency**
DC Fan motor and DC drain pump are utilized to improve energy efficiency.

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

Using a DC fan motor, the external static pressure can be controlled to within a range of 50 Pa to 150 Pa

**Adjustable external static pressure**

- **Set to low static pressure when ducts are short.**
- **Set to high static pressure for advanced needs such as when using dampers and long ducts.**

Comfort airflow is achieved in accordance with conditions such as duct length.

**Airflow rate auto adjustment function**
Controls the airflow rate using a remote controller during test run. It is automatically adjusted to approximately ±10% of the rated H tap airflow.

**Interlock control by outside system**
Enables control by hotel key card system acting as master ON/OFF for room electricity.
Enables central control of room ventilation and lighting by third-party building management system.

**SPECIFICATIONS**

- **Table:**
  - **Model Name:** Indoor unit / Outdoor unit
  - **Power supply:** Indoor unit / Outdoor unit
  - **Rated cooling capacity (Min. - Max.)**
  - **Rated static pressure:** Indoor unit / Outdoor unit
  - **Max. interunit piping length:**
  - **Outdoor unit Dimensions (HXWXD):**
  - **Indoor unit Dimensions (HXWXD):**
  - **Sound pressure level:** H/M/L
  - **Outdoor unit Dimensions (HXWXD):**
  - **Indoor unit Dimensions (HXWXD):**
  - **Effective refrigeration piping:**
  - **Heat insulation:** Both liquid and gas piping

**OPTIONS**

- **Remote controller**
  - **Name of option:** Wireless type / Wired type
  - **Model:** BRC-1E61 / BRC-2E61

- **Adaptor for wired remote controller**
  - **Model:** AX-4K4-61

- **Wireless LAN Connecting Adapter**
  - **Model:** DCS301BA61 / DCS302CA61

- **DCS601C51 / DCS120A51 / DCS120A91 / DCS120A51 / DCS120A91 / DCS120A51 / DCS120A91

- **Remote controller (For hotel) with key card system acting as master ON/OFF**
  - **Model:** BRC-1E61 / BRC-2E61

- **Central controller**
  - **Model:** DCS301BA61 / DCS302CA61 / DCS303CA61

- **Central processor controller**
  - **Model:** DCS120A51 / DCS120A91 / DCS120A51 / DCS120A91

**Note:**
- **Rated cooling capacities are based on the following conditions:** Indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB. Equiv. refrigeration piping, 7.5 m (horizontal)
- **Set to low static pressure for comfort airflow and quiet mode.**
- **Set to high static pressure for wall air outlet.**
- **Maximum interunit piping length:**
- **Maximum interunit piping length:**
Comfy Airflow Travels Throughout The Room

Benefits of DA series
- The technology of the DC fan motor, wide sirocco fan, and large heat exchanger combine for greater airflow and quiet operation.
- High/Middle/Low : 66/42/38 (dB(A))
- Sophisticated design Flap neatly closes when not in use.
- Fresh white colour.
- Installable on ceilings 4.3 m high

Comfy
- Auto swing (up and down) and louvres (left and right by hand) bring comfort to the room
- Louver manually adjusts for straight or wide angle airflow
- Programme “Dry”
- Dehumidification is a microprocessor controlled to prevent abrupt and uncomfortable changes in air temperature.

Quiet Operation at 32** dB(A)
**Selected models only
Uses quiet stream fan and other quiet technologies.
*FHQ50-125BV

Oil Resistant Grille
- Oil-resistant plastic is used for the air suction grille.
- This satisfies durability in restaurants and other similar environments.

Easy Maintenance
- Long-life filter (standard) requires no maintenance for about 1 year*.
  The filter is washable and reused after 1 year.
  *For dust concentration of 0.15 mg/m³
- Two time settings (2500 hrs and 1250 hrs) are available to match the installation environment. Maintenance time warning is displayed on the remote controller (filter sign).
- Easy-clean, flat surfaces

Drain pump kit can be easily incorporated
Drain pump kit (option) includes a silver ion antibacterial agent that assists in preventing the growth of slime, bacteria and mould that cause smells and clogging.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Indoor unit</th>
<th>Outdoor unit</th>
<th>Outdoor unit</th>
<th>Outdoor unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>FHQ100DAVMA</td>
<td>FHQ125DAVMA</td>
<td>FHQ150DAVMA</td>
<td>FHQ142DAVMA</td>
<td></td>
</tr>
<tr>
<td>Power supply</td>
<td>Outdoor unit</td>
<td>Indoor unit</td>
<td>Indoor unit</td>
<td>Indoor unit</td>
</tr>
<tr>
<td>Frequency</td>
<td>0.5hp</td>
<td>3 Phase, 200V, 50Hz</td>
<td>3 Phase, 200V, 50Hz</td>
<td>3 Phase, 200V, 50Hz</td>
</tr>
<tr>
<td>Motor output</td>
<td>kW</td>
<td>kW</td>
<td>kW</td>
<td>kW</td>
</tr>
<tr>
<td>Rated cooling capacities</td>
<td>kW</td>
<td>kW</td>
<td>kW</td>
<td>kW</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>Motor output</td>
<td>kW</td>
<td>kW</td>
<td>kW</td>
<td>kW</td>
</tr>
<tr>
<td>Rated (Min. - Max.)</td>
<td>kW</td>
<td>kW</td>
<td>kW</td>
<td>kW</td>
</tr>
<tr>
<td>Rated power consumption</td>
<td>W</td>
<td>W</td>
<td>W</td>
<td>W</td>
</tr>
<tr>
<td>Sound level</td>
<td>dB(A)</td>
<td>dB(A)</td>
<td>dB(A)</td>
<td>dB(A)</td>
</tr>
<tr>
<td>Refrigerant charge (R-410A)</td>
<td>kg</td>
<td>kg</td>
<td>kg</td>
<td>kg</td>
</tr>
<tr>
<td>Compressor</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Dimensions (HxWxD)</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
</tr>
<tr>
<td>Machine weight</td>
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<td>kg</td>
<td>kg</td>
<td>kg</td>
</tr>
<tr>
<td>Certificated operation range (°C)</td>
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<td></td>
</tr>
<tr>
<td>Airflow rate (H/M/L)</td>
<td>m³/min</td>
<td>m³/min</td>
<td>m³/min</td>
<td>m³/min</td>
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<tr>
<td>Night quiet mode</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drain pump kit</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>max. installation level difference</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heat insulation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Connection to a centralised control system</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OPTIONS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Name of option</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kit name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remark</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Options
- Drain pump kit (option) includes a silver ion antibacterial agent that assists in preventing the growth of slime, bacteria and mould that cause smells and clogging.
Auto-swing 5-level air direction setting

Wide-angle louvers
(by hand)

Soft material louver bends airflow over a wider area

Dehumidification is microprocessor controlled to prevent abrupt and uncomfortable changes in air temperature.

- Auto swing
- Programme “Dry”

Drean Pump Kit is Available as Option.
Installs onto side of unit. Connection to a centralised control system is available without option.
### Functions overview

#### Cooling only

<table>
<thead>
<tr>
<th>Indoor unit</th>
<th>Outdoor unit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Comfort</strong></td>
<td><strong>Remote Controller</strong></td>
</tr>
<tr>
<td>Auto swing</td>
<td></td>
</tr>
<tr>
<td>Swing pattern selection</td>
<td></td>
</tr>
<tr>
<td>Independent up-and-down airflow</td>
<td></td>
</tr>
<tr>
<td>DC fan motor (Indoor unit)</td>
<td></td>
</tr>
<tr>
<td>Switchable fan speed</td>
<td></td>
</tr>
<tr>
<td>2step</td>
<td></td>
</tr>
<tr>
<td>3step</td>
<td></td>
</tr>
<tr>
<td>Auto airflow rate&lt;sup&gt;1&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>High fan speed mode</td>
<td></td>
</tr>
<tr>
<td>Program “Dry”</td>
<td></td>
</tr>
<tr>
<td>High ceiling application</td>
<td></td>
</tr>
<tr>
<td>Two selectable temperature-sensors&lt;sup&gt;2&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Year-round cooling applicable</td>
<td></td>
</tr>
<tr>
<td>Night quiet operation&lt;sup&gt;3&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>*<em>Setpoint auto reset&lt;sup&gt;<em>1&lt;/sup&gt;</em></em></td>
<td></td>
</tr>
<tr>
<td>*<em>Setpoint range set&lt;sup&gt;<em>1&lt;/sup&gt;</em></em></td>
<td></td>
</tr>
<tr>
<td>*<em>Weekly schedule timer&lt;sup&gt;<em>1&lt;/sup&gt;</em></em></td>
<td></td>
</tr>
<tr>
<td>*<em>Off timer (programmed)&lt;sup&gt;<em>1&lt;/sup&gt;</em></em></td>
<td></td>
</tr>
<tr>
<td>*<em>On/Off timer&lt;sup&gt;<em>4&lt;/sup&gt;</em></em></td>
<td></td>
</tr>
<tr>
<td><strong>Anti-bacterial air filter</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Mould-proof air filter</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Silver ion anti-bacterial drain pan</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Mould-proof drain pan</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Drain pump mechanism</strong></td>
<td></td>
</tr>
<tr>
<td>*<em>Pre-charged for up to 30 m&lt;sup&gt;<em>3&lt;/sup&gt;</em></em></td>
<td></td>
</tr>
<tr>
<td>*<em>Pre-charged for up to 10 m&lt;sup&gt;<em>3&lt;/sup&gt;</em></em></td>
<td></td>
</tr>
<tr>
<td><strong>Long-life filter</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Filter sign</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Ceiling soiling prevention</strong></td>
<td></td>
</tr>
<tr>
<td>*<em>Low gas pressure detection&lt;sup&gt;<em>3&lt;/sup&gt;</em></em></td>
<td></td>
</tr>
<tr>
<td><strong>Emergency operation</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Self-diagnosis function</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Auto-restart</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Control by 2 remote controllers</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Group control by 1 remote controller</strong></td>
<td></td>
</tr>
<tr>
<td><strong>External command control</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Internal remote control</strong></td>
<td></td>
</tr>
<tr>
<td><strong>DIII-NET communication standard</strong></td>
<td></td>
</tr>
<tr>
<td><strong>High-efficiency filter</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Ultra long-life filter</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Fresh air intake kit</strong></td>
<td></td>
</tr>
<tr>
<td>*<em>Anti corrosion treated heat exchangers&lt;sup&gt;<em>3&lt;/sup&gt;</em></em></td>
<td></td>
</tr>
</tbody>
</table>

#### CEILING MOUNTED CASSETTE TYPE (Closed Flow)

<table>
<thead>
<tr>
<th>RZR50-60LVVM</th>
<th>RZR70-71LVVM</th>
<th>FQ050-140KAVEA</th>
<th>FBQ50-140EV</th>
<th>RZR100-140MYM</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW</td>
<td>NEW</td>
<td>NEW</td>
<td>NEW</td>
<td>NEW</td>
</tr>
</tbody>
</table>

#### DUCT CONNECTION MIDDLE and HIGH STATIC PRESSURE TYPE

<table>
<thead>
<tr>
<th>RZR50-60LVVM</th>
<th>RZR70-71LVVM</th>
<th>RZR100-125MYM</th>
<th>FBQ50-140EV</th>
<th>RZR100-140MYM</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW</td>
<td>NEW</td>
<td>NEW</td>
<td>NEW</td>
<td>NEW</td>
</tr>
</tbody>
</table>

#### CEILING SUSPENDED TYPE

<table>
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<th>RZR50-60LVVM</th>
<th>RZR70-71LVVM</th>
<th>RZR100-125MYM</th>
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<td>NEW</td>
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</tbody>
</table>

#### WALL MOUNTED TYPE

<table>
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<tr>
<th>RZR50-60LVVM</th>
<th>RZR70-71LVVM</th>
<th>RZR100-125MYM</th>
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</tr>
</tbody>
</table>

#### Note:

- *1 : Applicable when BRC2E61 is used
- *2 : Applicable when wired remote controller is used
- *3 : For outdoor units
- *4 : Applicable when BRC1C61 is used
- *5 : Applicable for FVQ50-100
- *6 : Installable on max. 3.5 m (50-71) and 4.3 cm (100-140) high ceiling
- *7 : Installable on max. 4.3 m high ceiling
- *8 : Option
- *9 : Applicable for 60/71 class indoor unit
- *10 : Applicable for RZR50-71M, RZR-LV and RZR-LU

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*18 19*
### Comfort

| Auto-swing | Delivers comfortable air-conditioning to all areas, near and far from the air-conditioner. |
| Swing pattern selection | You can freely set air discharge setting by remote controller. |
| Programme "Dry" | Dohumidification is microprocessor controlled to prevent abrupt and uncomfortable changes in air temperature. Useful for reducing uncomfortable humidity without uncomfortable cooling of the room. |
| High-ceiling application | Delivers air-conditioning comfort all the way down to the floor in air-conditioning zones with high ceilings. |
| Independent up-and-down airflow | Independently adjust (manually) the eight horizontal blade louvers in both up and down directions to achieve an airflow that reduces uneven room temperature. |
| Switchable fan speed | High setting provides maximum reach while low setting minimises drafts. |
| Auto airflow rate | Airflow rate is automatically controlled in accordance with the difference between room temperature and set temperature. |
| High fan speed mode | You can increase fan speed approximately 10% higher than the "high" setting. |

### Control features

| Off timer (programmed) | Sets and saves setting for an increment of time that automatically turns off air conditioner after a preset period of time for each time operation starts. |
| On/Off timer | Operation starts when the preset time of the ON timer elapses and stops when the preset time of the OFF timer elapses. |

### Work and Servicing

| Drain pump mechanism | Steeper gradient realises more efficient condensate drainage. |
| Pre charged for up to 30 metres | If refrigeration piping length does not exceed 30 m, there is no need for on-site gas charging. |
| Long-life filter | Maintenance is not required for one year*. |
| Filter sign | When using a wireless remote controller the sign is displayed on the LCD. |

### Options

| High-efficiency filter unit | Two types are available: 65% and 90% colorimetry. |
| Ultra long-life filter | Requires no maintenance for about 4 years* (10,000h) in stores and offices. |

### Cleanliness

| Anti-bacterial air filter | The Air filter has a anti-bacterial treatment to help prevent the growth of bacteria and mould on it. |
| Mould-proof air filter | Sanitary filter has mould-resistant treatment. |
| Silver ion anti-bacterial drain pan | Mould-proof drain pan includes a silver ion antibacterial agent that assists in preventing the growth of slime, bacteria, and mould that cause smells and clogging. |

### Work and Servicing

| Ceiling soiling prevention function | Daikin’s innovative air discharge mechanism keeps airflow away from the ceiling. Ceiling cleaning is less frequently required. |
| Low gas pressure detection | Insufficient gas charging is normally hard to detect. During post-installation trials and regular inspection procedures, the refrigerant level is monitored by microprocessor to maintain proper gas pressure. Reliability is assured and maintenance and inspection can be carried out more quickly. |

### Self diagnosis function

*The operating parameters of indoor and outdoor units, and sensor data at critical locations throughout the system, are constantly monitored using a microcomputer. To facilitate quick response in the event of a malfunction, a message appears on the LCD of the remote controller and an LED on the unit illuminates.

### Options

| Fresh-air intake kit | You can provide air-conditioning with fresh air from outside. |

### Others

| Anti corrosion treated heat exchangers | To achieve increased durability by improved resistance to salt corrosion and atmospheric pollution, coated Anti corrosion treated heat exchangers (with special acryl pretreatment) are used for the heat exchanger of the outdoor unit. |
Easy-to-read LCD remote controller allows various system control configurations and can control multiple indoor units.

Navigation Remote Controller (Wired Remote Controller BRC1E63)

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

Clear Display with Backlight

Backlight display

Convenience

Weekly schedule

Energy saving

- Setpoint auto reset
  - Even if the set temperature is changed, it returns to the preset temperature after apresus period of time.
  - Period selectable from 30min/60min/90min/120min.

Restaurant sample

<table>
<thead>
<tr>
<th>Restaurant-opened</th>
<th>Full tables at lunchtime</th>
<th>After 30 minutes*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature is set to 27°C</td>
<td>Then is lowered to 24°C for crowded room</td>
<td>Automatically returns to preset temperature (27°C)</td>
</tr>
</tbody>
</table>

*Setting possible for after 30, 60, 90, and 120 minutes.

Off timer (programmed)

- Sets and saves setting for an increment of time that automatically turns off air conditioner after a preset period of time for each time operation starts.
- Period can be preset from 30 to 180 minutes in 10-minute increments.

Setpoint range set

- Saves energy by limiting the min. and max. set temperature.
- Avoids excessive heating or cooling.
- This function is convenient when the remote controller is installed at a place where any number of people may operate it.

LCD wireless remote controller

- The wireless remote controller is supplied in a set with a signal receiver.
- Signal receiver unit is contained inside decoration panel or indoor unit.
- Shape of signal receiver unit differs according to the indoor unit.

Wired LCD remote controller

Easy operation with new intuitive design.
- Simple operation with the use of six buttons. Users have direct access to basic functions and can easily set their preferred comfort.
- Intuitive design with the use of pictograms and user-friendly interface.
- Compact size with measurements of 85 x 85 x 19mm.

D'Mobile controller

Daikin Mobile Controller

(Free application)

D'Mobile Controller allows remote monitoring and controlling of SkyAir with the following adaptor, BRP072CA2-1.

- This adaptor manages SkyAir units
- Monitoring and control of operation for multiple SkyAir unit
- Monitoring and control both from inside or outside home/shop/office
- Control and monitor functions such as start/stop, temperature settings, operation mode, fan speed, airflow direction, weekly schedule timer, temperature reading, error indication.

Intelligent touch controller

With its high functionality, the full colour “all-in-one” graphic controller facilitates management of SkyAir System in a variety of ways.

Central remote controller

DCS302CA61 (Option)

Unified on/off controller

DCS301BA61 (Option)

Schedule timer

DST301BA61 (Option)

Centralised control, with setting as simple as it is with a standard remote controller, of up to 65 groups (1,024 indoor units) is possible.

Unified control of weekly schedule for up to 1,024 indoor units.

Intelligent touch manager

DCM009A51

- Energy control: Status of energy consumption in building can be checked and analyzed. Data can be effectively utilized to ensure energy-efficient operation.
- Environment monitoring: Effective in controlling and maintaining indoor environmental comfort.

Note: The signal receiver unit shown in the photograph is for mounting inside the decoration panel of the ceiling suspended type.

Closest signal receiver unit (For models FHQ100 to FHQ140)

BRC7GA56

Signal receiver unit

(For models FHQ100 to FHQ140)

Intelligent controller

DCS901CS1 (Option)

Intelligent manager

DCM009A51

Restaurant opened

Temperature is set to 27°C

27°C

Full tables at lunchtime

Then is lowered to 24°C for crowded room

24°C

After 30 minutes*

Automatically returns to preset temperature (27°C)

Returns to 27°C automatically

*Setting possible for after 30, 60, 90, and 120 minutes.

Centralised on/off by group or all at once for up to 256 indoor units.

Centralised control of on/off controller by group or all at once for up to 256 indoor units.

Unified on/off controller

Centralised control of weekly schedule for up to 1,024 indoor units.

Unified on/off controller

Centralised control of weekly schedule for up to 1,024 indoor units.

Unified control of weekly schedule for up to 1,024 indoor units.

Unified control of weekly schedule for up to 1,024 indoor units.
1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.

2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.

Cautions on product corrosion

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

• Ask a qualified installer or contractor to install this product. Do not try to install the product by yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.

• Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.

• Read the user’s manual carefully before using this product. The user’s manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any enquiries, please contact your local importer, distributor and/or retailer.

Daikin Airconditioning (Singapore) PTE.LTD.
10 Ang Mo Kio Industrial Park 2 Singapore 569501