AIR CONDITIONING SYSTEM

- COOLING ONLY  [50 Hz]
- HEAT PUMP  [50 Hz]

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.

About ISO 9001

ISO 9001 is a plant certification system defined by the International Organization for Standardization (ISO) relating to quality assurance. ISO 9001 certification covers quality assurance aspects related to the "design, development, manufacture, installation, and supplementary service" of products manufactured at the plant.

About ISO 14001

ISO 14001 is the standard defined by the International Organization for Standardization (ISO) relating to environmental management systems. Our group has been acknowledged by an internationally accredited compliance organisation as having an appropriate programme of environmental protection procedures and activities to meet the requirements of ISO 14001.

Daikin Industries, Ltd.'s products are manufactured for export to numerous countries throughout the world. Daikin Industries, Ltd. does not have control over which products are exported to and used in a particular country. Prior to purchase, please therefore confirm with your local authorised importer, distributor and/or retailer whether this product conforms to the applicable standards, and is suitable for use, in the region where the product will be used. This statement does not purport to exclude, restrict or modify the application of any local legislation.

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

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

Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

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

Specifications, designs and other content appearing in this brochure are current as of May 2008 but subject to change without notice.
A breath of Elegance

Stores often feature the latest in designed decor. This refined beauty attracts people. Meanwhile, offices have a functional beauty. This encourages those within to work hard and apply intelligence and passion to their tasks. In either situation, a certain elegance should fill the space because thinking minds require high quality air conditioning. SkyAir by Daikin realise a comfortable indoor environment. All over the world, stores, offices, and homes prefer the low operating sound, attractive
Capacity

<table>
<thead>
<tr>
<th>HP</th>
<th>1</th>
<th>1.5</th>
<th>2</th>
<th>2.5</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>10</th>
<th>15</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>kW</td>
<td>2.8</td>
<td>3.5</td>
<td>5.3</td>
<td>6.4</td>
<td>7.7</td>
<td>10.5</td>
<td>12.8</td>
<td>14.2</td>
<td>16.8</td>
<td>24.0</td>
<td>29.2</td>
<td>47.9</td>
<td>58.4</td>
</tr>
<tr>
<td>Blwh</td>
<td>8.800</td>
<td>11.800</td>
<td>15.100</td>
<td>18.100</td>
<td>21.800</td>
<td>26.200</td>
<td>35.700</td>
<td>43.400</td>
<td>48.400</td>
<td>57.000</td>
<td>81.800</td>
<td>98.600</td>
<td>163.500</td>
</tr>
</tbody>
</table>

CEILING MOUNTED

CASSETTE TYPE

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Page 18</th>
<th>Dimensions</th>
<th>Page 38</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor unit</td>
<td>FHC35KVE</td>
<td>FHC50KVE</td>
<td>FHC60KVE</td>
</tr>
<tr>
<td>Outdoor unit</td>
<td>R35GV1</td>
<td>R50GV1</td>
<td>R60GV1</td>
</tr>
</tbody>
</table>

CEILING SUSPENDED TYPE

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Page 14</th>
<th>Dimensions</th>
<th>Page 44</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor unit</td>
<td>FHY35FV1</td>
<td>FHY50FV1</td>
<td>FHY60FV1</td>
</tr>
<tr>
<td>Outdoor unit</td>
<td>R35GV1</td>
<td>R50GV1</td>
<td>R60GV1</td>
</tr>
</tbody>
</table>

CEILING SUSPENDED

CASSETTE TYPE

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Page 18</th>
<th>Dimensions</th>
<th>Page 40</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor unit</td>
<td>FHYK35FV1</td>
<td>FHYK50FV1</td>
<td>FHYK60FV1</td>
</tr>
<tr>
<td>Outdoor unit</td>
<td>R35GV1</td>
<td>R50GV1</td>
<td>R60GV1</td>
</tr>
</tbody>
</table>

CEILING MOUNTED

BUILT-IN TYPE

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Page 22</th>
<th>Dimensions</th>
<th>Page 42</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor unit</td>
<td>FHYB35FV1</td>
<td>FHYB50FV1</td>
<td>FHYB60FV1</td>
</tr>
<tr>
<td>Outdoor unit</td>
<td>R35GV1</td>
<td>R50GV1</td>
<td>R60GV1</td>
</tr>
</tbody>
</table>

WALL MOUNTED TYPE

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Page 23</th>
<th>Dimensions</th>
<th>Page 43</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor unit</td>
<td>FY71LAVE</td>
<td>FY100LAVE</td>
<td>FY125LAVE</td>
</tr>
<tr>
<td>Outdoor unit</td>
<td>R71LUV1</td>
<td>R100LUV1</td>
<td>R125LUV1</td>
</tr>
</tbody>
</table>

FLOOR STANDING TYPE

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Page 23</th>
<th>Dimensions</th>
<th>Page 43</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor unit</td>
<td>FY71LAVE</td>
<td>FY100LAVE</td>
<td>FY125LAVE</td>
</tr>
<tr>
<td>Outdoor unit</td>
<td>R71LUV1</td>
<td>R100LUV1</td>
<td>R125LUV1</td>
</tr>
</tbody>
</table>

PACKAGED AIR CONDITIONERS

LOW STATIC PRESSURE TYPE

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Page 44</th>
<th>Dimensions</th>
<th>Page 44</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor unit</td>
<td>FDBG25AVE</td>
<td>FDBG35AVE</td>
<td>FDBG50AVE</td>
</tr>
<tr>
<td>Outdoor unit</td>
<td>R25JV1</td>
<td>R35JV1</td>
<td>R50JV1</td>
</tr>
</tbody>
</table>

MIDDLE STATIC PRESSURE TYPE

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Page 44</th>
<th>Dimensions</th>
<th>Page 44</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor unit</td>
<td>FDMG25AVE</td>
<td>FDMG35AVE</td>
<td>FDMG50AVE</td>
</tr>
<tr>
<td>Outdoor unit</td>
<td>R25JV1</td>
<td>R35JV1</td>
<td>R50JV1</td>
</tr>
</tbody>
</table>

HIGH STATIC PRESSURE TYPE

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Page 44</th>
<th>Dimensions</th>
<th>Page 44</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor unit</td>
<td>FDYM25AVE</td>
<td>FDYM35AVE</td>
<td>FDYM50AVE</td>
</tr>
<tr>
<td>Outdoor unit</td>
<td>R25JV1</td>
<td>R35JV1</td>
<td>R50JV1</td>
</tr>
</tbody>
</table>

Duct Connection

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Page 27</th>
<th>Dimensions</th>
<th>Page 44</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor unit</td>
<td>FDBG25AVE</td>
<td>FDBG35AVE</td>
<td>FDBG50AVE</td>
</tr>
<tr>
<td>Outdoor unit</td>
<td>R25JV1</td>
<td>R35JV1</td>
<td>R50JV1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Page 27</th>
<th>Dimensions</th>
<th>Page 44</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor unit</td>
<td>FDMG25AVE</td>
<td>FDMG35AVE</td>
<td>FDMG50AVE</td>
</tr>
<tr>
<td>Outdoor unit</td>
<td>R25JV1</td>
<td>R35JV1</td>
<td>R50JV1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Page 27</th>
<th>Dimensions</th>
<th>Page 44</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor unit</td>
<td>FDYM25AVE</td>
<td>FDYM35AVE</td>
<td>FDYM50AVE</td>
</tr>
<tr>
<td>Outdoor unit</td>
<td>R25JV1</td>
<td>R35JV1</td>
<td>R50JV1</td>
</tr>
</tbody>
</table>

OUTDOOR UNIT

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Page 33-34</th>
<th>Dimensions</th>
<th>Page 44</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outdoor unit</td>
<td>RU06KY1</td>
<td>RU08KY1</td>
<td>RU10KUY1</td>
</tr>
</tbody>
</table>

Pressures: Low Static Pressure Type (30-50 Pa), Middle Static Pressure Type (50-75 Pa), High Static Pressure Type (75-100 Pa)
### Simultaneous operation system: TRIPLE MULTI OPERATION

<table>
<thead>
<tr>
<th>HP</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>kW</td>
<td>7.7</td>
<td>10.5</td>
<td>12.8</td>
<td>14.2</td>
<td>22.2</td>
<td>26.6</td>
</tr>
<tr>
<td>Blush</td>
<td>26,200</td>
<td>35,700</td>
<td>43,800</td>
<td>48,400</td>
<td>73,800</td>
<td>90,800</td>
</tr>
<tr>
<td>kcalh</td>
<td>8,600</td>
<td>9,000</td>
<td>11,000</td>
<td>12,200</td>
<td>19,100</td>
<td>22,900</td>
</tr>
</tbody>
</table>

#### CEILING MOUNTED CASETTE TYPE
- Indoor unit: FHYC35KVE x 2, FHYC50KVE x 2, FHYC60KVE x 2, FHYC71KVE x 2, FHYC100KVE x 2, FHYC125KVE x 2
- Outdoor unit: R71LUY1 / Y1, R100LUY1 / Y1, R125LUY1, R140LUY1, R140LUY1, R140LUY1, R200KUY1, R250KUY1

#### CEILING SUSPENDED TYPE
- Indoor unit: FHY35BVE x 2, FHY50BVE x 2, FHY60BVE x 2, FHY71BVE x 2, FHY100BVE x 2, FHY125BVE x 2
- Outdoor unit: R71LUY1 / Y1, R100LUY1 / Y1, R125LUY1, R140LUY1

#### DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE
- Indoor unit: FHY50BVE x 2, FHY71BVE x 2
- Outdoor unit: FDYM04FAV1 x 2, FDYM05FAV1 x 2

#### OUTDOOR UNIT
- R71LUY1, R100LUY1, R125LUY1, R140LUY1, R200KUY1, R250KUY1

### Simultaneous operation system: DOUBLE TWIN MULTI OPERATION

<table>
<thead>
<tr>
<th>HP</th>
<th>6</th>
<th>8</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>kW</td>
<td>14.2</td>
<td>22.2</td>
<td>22.2</td>
</tr>
<tr>
<td>Blush</td>
<td>48,400</td>
<td>75,800</td>
<td>75,800</td>
</tr>
<tr>
<td>kcalh</td>
<td>12,200</td>
<td>19,100</td>
<td>19,100</td>
</tr>
</tbody>
</table>

#### CEILING MOUNTED CASETTE TYPE
- Indoor unit: FHYC50KVE x 3, FHYC71KVE x 3
- Outdoor unit: R140LUY1, R200KUY1, R200KUY1, R200KUY1, R250KUY1

#### CEILING SUSPENDED TYPE
- Indoor unit: FHY50BVE x 3, FHY71BVE x 3
- Outdoor unit: R140LUY1, R200KUY1

#### DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE
- Indoor unit: FDYM03FAV1 x 3
- Outdoor unit: R200KUY1

#### OUTDOOR UNIT
- R140LUY1, R200KUY1, R200KUY1, R250KUY1, R250KUY1

---

Simultaneously running 2 to 4 units distributes comfort across wide spaces. Simultaneous control with 2 units in spacious space. Simultaneous control with 3 units for irregularly shaped space. Simultaneous control with 4 units for large space.
### Capacity

**Cooling**

- **HP**: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10, 15, 20
- **kW**: 3.75, 5.2, 6.16, 7.7, 16.4, 12.8, 14.2, 22.2, 27.1, 43.5, 53.0
- **Bluf**: 12,000, 17,800, 21,000, 26,200
- **kcal/h**: 35,300, 45,600, 48,400, 75,700, 92,500, 148,000, 181,000

**Heating**

- **HP**: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10, 15, 20
- **kW**: 5.8, 14.4, 19.80, 23,000, 27,000, 38,100, 48,400, 56,000, 79,200, 135,000, 194,000
- **Bluf**: 14,400, 19,800, 23,000, 27,000, 38,100, 48,400, 56,000, 79,200, 135,000, 194,000

### Products

- **Packaged Air Conditioners**
  - **Duct Connection**: FHYC100KVE, FHYC125KVE, FHYC140KVE
  - **Ceiling Mounted Cassette Type**
    - **Specifications**: Page 11-19
    - **Dimensions**: Page 60
    - **Indoor unit**: FHY35KVE, FHY50KVE, FHY60KVE, FHY71KVE, FHY100KVE, FHY125KVE, FHY140KVE
    - **Outdoor unit**: RY3SFV1A, RY50GAV1A, RY60GAV1A, RY71LUV1 / Y1, RY100LUV1 / Y1, RY125LUV1 / Y1
  - **Ceiling Suspended Type**
    - **Specifications**: Page 15-18
    - **Dimensions**: Page 60
    - **Indoor unit**: FHY35KVE, FHY50KVE, FHY60KVE, FHY71KVE, FHY100KVE, FHY125KVE
    - **Outdoor unit**: RY3SFV1A, RY50GAV1A, RY60GAV1A, RY71LUV1 / Y1, RY100LUV1 / Y1, RY125LUV1 / Y1
  - **Ceiling Mounted Cassette Corner Type**
    - **Specifications**: Page 19-22
    - **Dimensions**: Page 61
    - **Indoor unit**: FHYK35FJV1, FHYK45FJV1, FHYK65FJV1, FHYK21FJV1
    - **Outdoor unit**: RY3SFV1A, RY50GAV1A, RY60GAV1A, RY71LUV1 / Y1
  - **Ceiling Mounted Built-In Type**
    - **Specifications**: Page 21-24
    - **Dimensions**: Page 62, 63
    - **Indoor unit**: FHYB35FV1, FHYB45FV1, FHYB65FV1, FHYB71FV1, FHYB100FV1, FHYB125FV1
    - **Outdoor unit**: RY3SFV1A, RY50GAV1A, RY60GAV1A, RY71LUV1 / Y1, RY100LUV1 / Y1, RY125LUV1 / Y1
  - **Wall Mounted Type**
    - **Specifications**: Page 23-26
    - **Dimensions**: Page 62, 63
    - **Indoor unit**: FAY71FV1
    - **Outdoor unit**: FAY71FV1, FAY100FAV1
  - **Floor Standing Type**
    - **Specifications**: Page 25-28
    - **Dimensions**: Page 63
    - **Indoor unit**: FVY71LAVE, FVY100LAVE, FVY125LAVE
    - **Outdoor unit**: RY71LUV1 / Y1, RY100LUV1 / Y1, RY125LUV1 / Y1
  - **Outdoor Unit**
    - **Specifications**: Page 33-34
    - **Dimensions**: Page 68-74
    - **Indoor unit**: RY3SFV1A, RY50GAV1A, RY60GAV1A, RY71LUV1, RY100LUV1, RY125LUV1
    - **Outdoor unit**: RY140LUV1, RY200KUV1, RY250KUV1, RY200KUV1 / Y1, RY250KUV1 / Y1, RY200KUV1 / Y1 × 2, RY250KUV1 / Y1 × 2

- **Heat pump**
  - The values given on the right are for the FHYC type. Values for other types may differ slightly.
  - The values given for HP to 20HP are for the FDY type.

### Types

- **Low Static Pressure Type**: FDYB35KAVE, FDYB50KAVE, FDYB65KAVE, FDYB71KAVE
  - **Specifications**: Page 64
  - **Dimensions**: Page 63
  - **Indoor unit**: FDYB35KAVE, FDYB50KAVE, FDYB65KAVE, FDYB71KAVE
  - **Outdoor unit**: RY3SFV1A, RY50GAV1A, RY60GAV1A, RY71LUV1 / Y1
- **Middle Static Pressure Type**: FDYM03FV1, FDYM04FAV1, FDYM05FV1, FDYM06FAV1
  - **Specifications**: Page 65
  - **Dimensions**: Page 63
  - **Indoor unit**: FDYM03FV1, FDYM04FAV1, FDYM05FV1, FDYM06FAV1
  - **Outdoor unit**: RY71LUV1 / Y1, RY100LUV1 / Y1, RY125LUV1 / Y1
  - **High Static Pressure Type**: FDYB80KAVE, FDYB80KAVE, FDYB100KAVE, FDYB125KAVE
  - **Specifications**: Page 66
  - **Dimensions**: Page 63
  - **Indoor unit**: FDYB80KAVE, FDYB80KAVE, FDYB100KAVE, FDYB125KAVE
  - **Outdoor unit**: RY71LUV1 / Y1, RY100LUV1 / Y1, RY125LUV1 / Y1, RY140LUV1 / Y1
### Simultaneous operation system: TWIN MULTI OPERATION

<table>
<thead>
<tr>
<th>HP</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>kW</td>
<td>7.7/7.9</td>
<td>10.4/11.2</td>
<td>12.8/14.2</td>
<td>14.2/16.3</td>
<td>22/22.7</td>
<td>26.6/28.4</td>
</tr>
<tr>
<td>Btu/h</td>
<td>26,200/27,000</td>
<td>35,300/38,100</td>
<td>43,600/48,400</td>
<td>48,400/56,000</td>
<td>75,800/77,500</td>
<td>90,800/97,000</td>
</tr>
<tr>
<td>kcal/h</td>
<td>6,800/6,800</td>
<td>8,800/8,800</td>
<td>11,000/12,000</td>
<td>12,200/14,000</td>
<td>19,100/19,500</td>
<td>22,000/24,400</td>
</tr>
</tbody>
</table>

#### Outdoor Unit
- FHYC125KVE
- FHY71BVE
- FHY50BVE
- FDYM05FAV1
- FHYC71KVE
- FHYC50KVE
- RY250KUY1

#### Indoor Unit
- FHYC100KVE
- RY200KUY1
- RY140LUY1
- RY200KUY1

#### CEILING MOUNTED CASSETTE TYPE
- Indoor unit: FHYC35KVE x 2
- Outdoor unit: RY711UV1 / Y1

#### CEILING SUSPENDED TYPE
- Indoor unit: FHY35BVE x 2
- Outdoor unit: RY711UV1 / Y1

#### DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE
- Indoor unit: FHY50BVE x 2
- Outdoor unit: RY140LUY1

#### OUTDOOR UNIT
- (Page 33–34)

### Simultaneous operation system: TRIPLE MULTI OPERATION

<table>
<thead>
<tr>
<th>HP</th>
<th>3</th>
<th>6</th>
<th>8</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>kW</td>
<td>14.3/16.3</td>
<td>22/22.7</td>
<td>22.2/22.7</td>
<td>26.6/28.4</td>
</tr>
<tr>
<td>Btu/h</td>
<td>48,400/59,000</td>
<td>75,800/77,500</td>
<td>75,800/77,500</td>
<td>90,800/97,000</td>
</tr>
<tr>
<td>kcal/h</td>
<td>12,200/14,000</td>
<td>19,100/19,500</td>
<td>19,100/19,500</td>
<td>22,000/24,400</td>
</tr>
</tbody>
</table>

#### Outdoor Unit
- FHYC100KVE
- RY200KUY1
- RY140LUY1

#### Indoor Unit
- FHYC50KVE x 3
- FHYC71KVE x 3
- FHY50BVE x 3
- FHY71BVE x 3
- RY140LUY1
- RY200KUY1

### Simultaneous operation system: DOUBLE TWIN MULTI OPERATION

<table>
<thead>
<tr>
<th>HP</th>
<th>6</th>
<th>8</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>kW</td>
<td>14.3/16.3</td>
<td>22/22.7</td>
<td>26.6/28.4</td>
</tr>
<tr>
<td>Btu/h</td>
<td>48,400/59,000</td>
<td>75,800/77,500</td>
<td>90,800/97,000</td>
</tr>
<tr>
<td>kcal/h</td>
<td>12,200/14,000</td>
<td>19,100/19,500</td>
<td>22,000/24,400</td>
</tr>
</tbody>
</table>

#### Outdoor Unit
- FHYC100KVE
- RY200KUY1
- RY140LUY1

#### Indoor Unit
- FHYC50KVE x 4
- FHYC71KVE x 4
- FHY50BVE x 4
- FHY71BVE x 4
- RY140LUY1
- RY200KUY1

### Heat pump

Simultaneously running 2 to 4 units distributes comfort across wide spaces.
quiet, decor-blending form and easy installation in new or old buildings.

Unified square panels
All models from the 35K to 140K use the same size panel. Multiple unit installations maintain a uniformity that is aesthetically pleasing and make it easier to plan ceiling lighting systems and to design interiors.

Compact body and quiet operation
Indoor units use an aerodynamically designed Diffuser Turbo Fan
Draft resistance has been reduced by incorporating, into a single unit, an impeller and a diffuser to control air flow inside the unit. The Diffuser Turbo Fan is both quiet during operation and compact.

Multi-Flow System
Air direction can be selected according to installation.

Optimal comfort and convenience assured by 3 air discharge modes

Wide air distribution
A newly shaped air discharge opening increases flow without increasing wind speed, hence discharged air reaches farther than before.

Suitable for high ceilings
Criteria for ceiling height and number of air discharge outlets

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

Switchable fan speed: High/Low
Quick and easy to install

Easier to maintain

Stepping motor controls flaps to prevent soiled ceilings

Dust can be kept from blowing onto ceilings by directly setting flaps by hand or by remote control.

Heat exchanger cleaning required only once every 3 years

The new long-life filter is 20% more efficient than the previous one. This has enabled further reductions in running costs by extending the heat-exchanger cleaning interval by once every two years to once every three years.

Heat-exchanger cleaning interval

2 years Conventional → 3 years Super Cassette

Options required for specific operating environments

Ultra long-life filter

Even in smoky environments where the air conditioning is on most of the time, the ultra-long-life filter only has to be changed once a year.

Smoky atmospheres: annual filter change

*For dust concentrations of 10mg/m³ or greater. Requires replacing the air cleaner.

Ordinary store or office: filter change every 4 years

*For dust concentrations of 1mg/m³ or greater.

All models suspended

Less cleaning work thanks to "Non-Dew Flaps" with non-flocking

The use of non-flocking flaps minimizes adhering dart, so less cleaning work is needed.

Self-diagnosis function

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.

Easy installation for options

The high-performance filter and other options are easily clipped into place. There is no need for a screwdriver.

Supports simultaneous running of the twin, triple, and double twin multi operation.
Upgrade to a quiet and compact system.

Auto-swing for comfort in all directions
Wide air discharge openings produce a spreading 100’ airflow

Installable on ceilings 3.5 m high

Installation flexibility for freedom of design
Uniform height and depth. Compact design for small-capacity models to meet tighter dimensional constraints.

Drain pump kit (option) can be easily incorporated
Drain pipe connection can be done inside the unit. Refrigerant and drain pipe outlets are at the same opening.

Spatable simultaneous running of the twin, triple and double twin multi operation.

Supports simultaneous running of the twin, triple and double twin multi operation.

Two selectable temperature-sensors
Both indoor unit and wired remote controller (option) contain temperature-sensors. Temperature sensing can be set at the unit or, to further improve comfort level, closer to the target area at the wire remote control.

*Temperature-sensor an indoor unit must be used when the air conditioner is controlled from another room.
*Remote controller cannot sense a temperature-sensor.

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

Switchable fan speed: High/Low

Quiet operation
Sound operation has been reduced on the exposed ceiling suspended type unit.

Easier to maintain
Long-life filter lasts about 1 year. Maintenance not required.

For 71B indoor unit
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).

Non-dew flap without bristles
Absence of bristles minimises clinging dirt and simplifies cleaning.

Easy-clean, flat surfaces
It is easy to wipe dirt off the flat side and lower surfaces of the unit.

For all maintenance tasks, access is from below surface.

Improved-oil resistant grille
Oil-resistant plastic is used for the air discharge grille. This improves durability in restaurants and other similar environments.

Note: This product is not suitable for kitchens or other harsh environments.
SUSPENDED CASSETTE TYPE

ULTRA-THIN WITH QUIET OPERATION

Through use of a high-static-pressure vane and a thorough reduction in flow loss in the path between internal fan suction and output, we have achieved a thinner fan unit and quiet operation while maintaining airflow.

Quick and easy to install

Simple installation procedure
Simply lock the body in place with suspension bolts to install. Adjustment is smooth and simple, too.

Drain pump is equipped as standard accessory with 500 mm lift.

INSTALLABLE IN ANY DIRECTION
Since the orientation of the intake grill can be adjusted after installing, the direction of the intake grill lines can be unified when multiple units are installed. Note: The panel cannot be turned when the remote controller is in use.

ACCESSIBLE FROM BELOW FOR EASY MAINTENANCE
Low gas pressure detection

FEATURES (Features are explained on P. 37-38.)

<table>
<thead>
<tr>
<th>Feature</th>
<th>Comfort</th>
<th>Work &amp; Servicing</th>
<th>Control Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COoling</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heat pump</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Sound level
40/35 dB(A)
High Low
FUY71FJ

SUSPENDED CASSETTE TYPE

FUY
Cooling only FUY71FJ/V1-125FJ/V1 Heat pump FUY71FJ/V1-125FJ/V1

Flexibility in installation location. Installation is also simple.

Accessory required for indoor unit (option)

Wired LCD remote controller

Wireless LCD remote controller

BRC1C61
Note: Remote controller cable not included. Cables must be procured locally.

BRC7C29W
Wireless remote controller and signal receiver unit are sold as a set.

Air direction can be selected according to installation

Selection patterns for air direction and fan speed ratio

- Standard (100%)
- Moderate (approx. 70%)

Pressures created within fan discharge outlet are identical.

Suitable for high ceilings

Closes to moderate airflow (70%) in high-ceiling rooms 1 and 2 areas.

Programme “Dry”

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

Two selectable temperature-sensors

Both indoor unit and wired remote controller (option) contain temperature-sensors. Temperature sensing can be set at the unit or, to further improve comfort level, closer to the target area at the wired remote control.

Switchable fan speed: High/Low

Easy to maintain

Long-life filter lasts about 1 year
Maintenance not required
Air dust concentration of 0.6 µg/m³

Accessible from below for easy maintenance
Low gas pressure detection

Features

- Simple installation procedure
- Drain pump is equipped as standard accessory with 500 mm lift
- Installable in any direction
- Ultra-thin with quiet operation
- Thinner usually means noisier, but Daikin’s exclusive technology has solved this.

Sound level
40/35 dB(A)
High Low
FUY71FJ

SUSPENDED CASSETTE TYPE

FUY
Cooling only FUY71FJ/V1-125FJ/V1 Heat pump FUY71FJ/V1-125FJ/V1

Flexibility in installation location. Installation is also simple.

Accessory required for indoor unit (option)

Wired LCD remote controller

Wireless LCD remote controller

BRC1C61
Note: Remote controller cable not included. Cables must be procured locally.

BRC7C29W
Wireless remote controller and signal receiver unit are sold as a set.

Air direction can be selected according to installation

Selection patterns for air direction and fan speed ratio

- Standard (100%)
- Moderate (approx. 70%)

Pressures created within fan discharge outlet are identical.

Suitable for high ceilings

Closes to moderate airflow (70%) in high-ceiling rooms 1 and 2 areas.

Programme “Dry”

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

Two selectable temperature-sensors

Both indoor unit and wired remote controller (option) contain temperature-sensors. Temperature sensing can be set at the unit or, to further improve comfort level, closer to the target area at the wired remote control.

Switchable fan speed: High/Low

Easy to maintain

Long-life filter lasts about 1 year
Maintenance not required
Air dust concentration of 0.6 µg/m³

Accessible from below for easy maintenance
Low gas pressure detection

Features

- Simple installation procedure
- Drain pump is equipped as standard accessory with 500 mm lift
- Installable in any direction
- Ultra-thin with quiet operation
- Thinner usually means noisier, but Daikin’s exclusive technology has solved this.

Sound level
40/35 dB(A)
High Low
FUY71FJ

SUSPENDED CASSETTE TYPE

FUY
Cooling only FUY71FJ/V1-125FJ/V1 Heat pump FUY71FJ/V1-125FJ/V1

Flexibility in installation location. Installation is also simple.

Accessory required for indoor unit (option)

Wired LCD remote controller

Wireless LCD remote controller

BRC1C61
Note: Remote controller cable not included. Cables must be procured locally.

BRC7C29W
Wireless remote controller and signal receiver unit are sold as a set.

Air direction can be selected according to installation

Selection patterns for air direction and fan speed ratio

- Standard (100%)
- Moderate (approx. 70%)

Pressures created within fan discharge outlet are identical.

Suitable for high ceilings

Closes to moderate airflow (70%) in high-ceiling rooms 1 and 2 areas.

Programme “Dry”

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

Two selectable temperature-sensors

Both indoor unit and wired remote controller (option) contain temperature-sensors. Temperature sensing can be set at the unit or, to further improve comfort level, closer to the target area at the wired remote control.

Switchable fan speed: High/Low

Easy to maintain

Long-life filter lasts about 1 year
Maintenance not required
Air dust concentration of 0.6 µg/m³

Accessible from below for easy maintenance
Low gas pressure detection

Features

- Simple installation procedure
- Drain pump is equipped as standard accessory with 500 mm lift
- Installable in any direction
- Ultra-thin with quiet operation
- Thinner usually means noisier, but Daikin’s exclusive technology has solved this.

Sound level
40/35 dB(A)
High Low
FUY71FJ

SUSPENDED CASSETTE TYPE

FUY
Cooling only FUY71FJ/V1-125FJ/V1 Heat pump FUY71FJ/V1-125FJ/V1

Flexibility in installation location. Installation is also simple.

Accessory required for indoor unit (option)

Wired LCD remote controller

Wireless LCD remote controller

BRC1C61
Note: Remote controller cable not included. Cables must be procured locally.

BRC7C29W
Wireless remote controller and signal receiver unit are sold as a set.

Air direction can be selected according to installation

Selection patterns for air direction and fan speed ratio

- Standard (100%)
- Moderate (approx. 70%)

Pressures created within fan discharge outlet are identical.

Suitable for high ceilings

Closes to moderate airflow (70%) in high-ceiling rooms 1 and 2 areas.

Programme “Dry”

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

Two selectable temperature-sensors

Both indoor unit and wired remote controller (option) contain temperature-sensors. Temperature sensing can be set at the unit or, to further improve comfort level, closer to the target area at the wired remote control.

Switchable fan speed: High/Low

Easy to maintain

Long-life filter lasts about 1 year
Maintenance not required
Air dust concentration of 0.6 µg/m³

Accessible from below for easy maintenance
Low gas pressure detection

Features

- Simple installation procedure
- Drain pump is equipped as standard accessory with 500 mm lift
- Installable in any direction
- Ultra-thin with quiet operation
- Thinner usually means noisier, but Daikin’s exclusive technology has solved this.

Sound level
40/35 dB(A)
High Low
FUY71FJ

SUSPENDED CASSETTE TYPE

FUY
Cooling only FUY71FJ/V1-125FJ/V1 Heat pump FUY71FJ/V1-125FJ/V1

Flexibility in installation location. Installation is also simple.

Accessory required for indoor unit (option)

Wired LCD remote controller

Wireless LCD remote controller

BRC1C61
Note: Remote controller cable not included. Cables must be procured locally.

BRC7C29W
Wireless remote controller and signal receiver unit are sold as a set.

Air direction can be selected according to installation

Selection patterns for air direction and fan speed ratio

- Standard (100%)
- Moderate (approx. 70%)

Pressures created within fan discharge outlet are identical.

Suitable for high ceilings

Closes to moderate airflow (70%) in high-ceiling rooms 1 and 2 areas.

Programme “Dry”

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

Two selectable temperature-sensors

Both indoor unit and wired remote controller (option) contain temperature-sensors. Temperature sensing can be set at the unit or, to further improve comfort level, closer to the target area at the wired remote control.

Switchable fan speed: High/Low

Easy to maintain

Long-life filter lasts about 1 year
Maintenance not required
Air dust concentration of 0.6 µg/m³

Accessible from below for easy maintenance
Low gas pressure detection

Features

- Simple installation procedure
- Drain pump is equipped as standard accessory with 500 mm lift
- Installable in any direction
- Ultra-thin with quiet operation
- Thinner usually means noisier, but Daikin’s exclusive technology has solved this.

Sound level
40/35 dB(A)
High Low
FUY71FJ

SUSPENDED CASSETTE TYPE

FUY
Cooling only FUY71FJ/V1-125FJ/V1 Heat pump FUY71FJ/V1-125FJ/V1

Flexibility in installation location. Installation is also simple.

Accessory required for indoor unit (option)

Wired LCD remote controller

Wireless LCD remote controller

BRC1C61
Note: Remote controller cable not included. Cables must be procured locally.

BRC7C29W
Wireless remote controller and signal receiver unit are sold as a set.

Air direction can be selected according to installation

Selection patterns for air direction and fan speed ratio

- Standard (100%)
- Moderate (approx. 70%)

Pressures created within fan discharge outlet are identical.

Suitable for high ceilings

Closes to moderate airflow (70%) in high-ceiling rooms 1 and 2 areas.

Programme “Dry”

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

Two selectable temperature-sensors

Both indoor unit and wired remote controller (option) contain temperature-sensors. Temperature sensing can be set at the unit or, to further improve comfort level, closer to the target area at the wired remote control.

Switchable fan speed: High/Low

Easy to maintain

Long-life filter lasts about 1 year
Maintenance not required
Air dust concentration of 0.6 µg/m³

Accessible from below for easy maintenance
Low gas pressure detection

Features

- Simple installation procedure
- Drain pump is equipped as standard accessory with 500 mm lift
- Installable in any direction
- Ultra-thin with quiet operation
- Thinner usually means noisier, but Daikin’s exclusive technology has solved this.
Multiple airflower variations for stepped or 3.8 m high ceilings

- Downward flow
- Downward flow + forward flow
- Forward flow

Auto-swing
- Requires ceiling top cutting.
- Requires ceiling top cutting.
- Not suited for high ceilings.

High ceiling installation
- Air discharge grille, flexible duct.

Example installations
- In the corner of a room (downward flow). Comfortable cooling from ceiling to floor.
- On stepped ceiling (downward flow).
- On stepped ceiling, downward flow. Can be used to cool or heat the space.

Optimal comfort and convenience assured by three air discharge modes

<table>
<thead>
<tr>
<th>Air direction</th>
<th>Draft prevention setting</th>
<th>Standard setting</th>
<th>Safety to prevent sating of ceiling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceiling panel setting</td>
<td>When drafts are unwanted</td>
<td>For gentle air flow (Ceiling is cooled)</td>
<td>When ceilings must be kept open.</td>
</tr>
<tr>
<td>Auto-swing</td>
<td>Auto-swing between 0° and 30°</td>
<td>Auto-swing between 0° and 30°</td>
<td>Auto-swing between 0° and 30°</td>
</tr>
<tr>
<td>S-levels air direction setting</td>
<td>Suitable for 5 different levels between 0° and 30°.</td>
<td>Suitable for 5 different levels between 30° and 60°.</td>
<td>Suitable for 5 different levels between 30° and 60°.</td>
</tr>
<tr>
<td>Draft prevention (air handling) model</td>
<td>The air direction is set automatically to the memorised position of the previous air direction. (Initial setting is 60° for heating and 30° for cooling.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Auto air direction control</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Easier to install and service
- Drain pump is equipped as standard accessory with 500 mm lift.

Quiet operation
- Indoor unit: High 39, Low 33
- Outdoor units: 39, 34
- Low gas pressure detection
- Fresh air intake possible

Upgrade options for easy installation on stepped ceilings
- Air discharge grille, flexible duct.

Programme "Dry"
- Humidification is microprocessor controlled to prevent abrupt and uncomfortable changes in air temperature.

Features (Features are explained on P. 37-38.)
- Switchable fan speed: High/Low

Guide
- Line up P. 3-6, 7-8
- Outdoor units P. 33-34
- Remote controllers P. 35-36
- Standard specifications P. 40-50
- Options P. 58
- Outer dimension drawings P. 61

*Applicable to FHY71F(J) outdoor units (for temp. down to -10°C). (An option is required.)
*Applicable to FHY71F(J) outdoor units. (for temp. down to -5°C)
*Applicable to FHY71F(J) outdoor units.
Clever and compact mini ducted unit provides comfort and flexibility.

Flexible adapts to shop interiors

To cope with the challenges of L-shaped or U-shaped spaces, it is possible to install the air discharge unit away from the main unit. At the same time, different types of architectural space can be kept comfortable.

Programme "Dry"

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

Switchable fan speed: High/Low

Quiet operation

External static pressure is set to standard when the unit is shipped from the factory.

Easier to maintain

Long-life filter lasts about 1 year *  
Maintenance not required  
* For dust concentrations of 515 mg/m³

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.

Features (Features are explained on P. 37-38.)

Meets diverse installation needs

The indoor unit can be installed in rooms with as little as 350 mm between the drop ceiling and ceiling slab. It also works with both flexible and ordinary ducts.

Available in two types: 65% and 90% colorimeter dampers, air filters, and other parts should, as required, be replaced with parts optional to the unit.

Switchable fan speed: High/Low

Quiet operation

External static pressure is set to standard when the unit is shipped from the factory.

Easier to maintain

Long-life filter lasts about 1 year *  
Maintenance not required  
* For dust concentrations of 515 mg/m³

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.

Features (Features are explained on P. 37-38.)

Sound level 41/35 dB(A)