



Warning

- 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.

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.



JMI-0107



JQA-1452

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.



EC99J2044

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.

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DAIKIN

PCS0316H

SkyAir

AIR CONDITIONING SYSTEM

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

Creation of
Comfort

R-22

A breath of Elegance

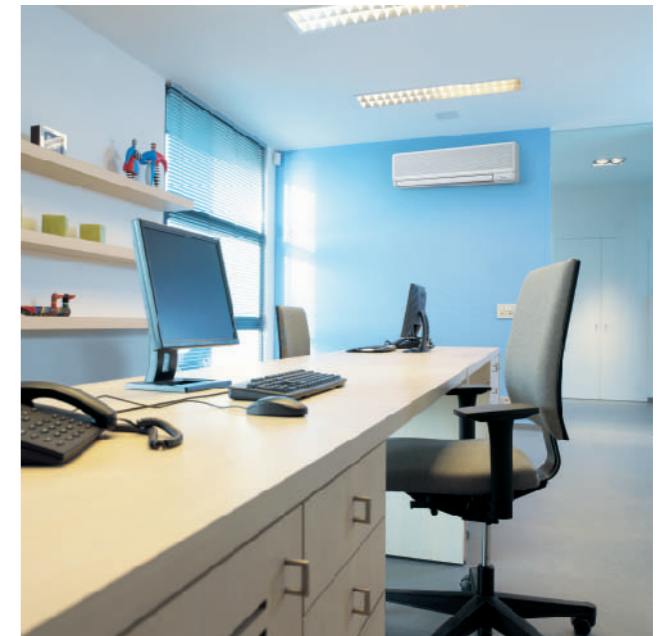
Stores often feature the latest in designed decor.

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


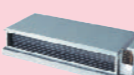
















Capacity














The values given for
1 HP is for FDBG type,
1.5 HP-6 HP is for FHYC type,
7 HP is for FDMG type,
8 HP-20 HP is for FD type.

| HP | 1 | 1.5 | 2 | 2.5 | 3 | 4 | | 5 | 6 | 7 | 8 | 10 | 15 | 20 |
|--------|-------|--------|--------|--------|--------|--------|--|--------|--------|--------|--------|--------|---------|---------|
| kW | 2.6 | 3.5 | 5.3 | 6.4 | 7.7 | 10.5 | | 12.8 | 14.2 | 16.8 | 24.0 | 29.2 | 47.9 | 58.4 |
| Btu/h | 8,900 | 11,900 | 18,100 | 21,800 | 26,200 | 35,700 | | 43,600 | 48,400 | 57,500 | 81,800 | 99,600 | 163,500 | 199,400 |
| kcal/h | 2,250 | 3,010 | 4,560 | 5,500 | 6,600 | 9,000 | | 11,000 | 12,200 | 14,400 | 20,600 | 25,100 | 41,200 | 50,200 |














| | | | | | | | | |
|---|--------------------------------|--------------------------------|--------------------------------|--|---|------------------------------------|--|---|
| <div>CEILING MOUNTED CASSETTE TYPE</div> <div>Page 11–14</div> <div>Specifications Page 39 Dimensions Page 60</div> <div>Indoor unit</div> <div>Outdoor unit</div> | <div>FHC35KVE R35GV1</div> | <div>FHC50KVE R50GV1</div> | <div>FHC60KVE R60GV1</div> | <div>FHYC71KVE R71LUV1 / Y1</div> | <div>FHYC100KVE R100LUV1 / Y1</div> | <div>FHYC125KVE R125LUV1</div> | <div>FHYC140KVE R140LUV1</div> |  |
| <div>CEILING SUSPENDED TYPE</div> <div>Page 15–16</div> <div>Specifications Page 39 Dimensions Page 60</div> <div>Indoor unit</div> <div>Outdoor unit</div> | <div>FH35BVE R35GV1</div> | <div>FH50BVE R50GV1</div> | <div>FH60BVE R60GV1</div> | <div>FHY71BVE R71LUV1 / Y1</div> | <div>FHY100BVE R100LUV1 / Y1</div> | <div>FHY125BVE R125LUV1</div> | | |
| <div>CEILING SUSPENDED CASSETTE TYPE</div> <div>Page 17–18</div> <div>Specifications Page 40 Dimensions Page 61</div> <div>Indoor unit</div> <div>Outdoor unit</div> | | | | <div>FUY71FJV1 R71LUV1 / Y1</div> | <div>FUY100FJV1 R100LUV1 / Y1</div> | <div>FUY125FJV1 R125LUV1</div> | | |
| <div>CEILING MOUNTED CASSETTE CORNER TYPE</div> <div>Page 19–20</div> <div>Specifications Page 40 Dimensions Page 61</div> <div>Indoor unit</div> <div>Outdoor unit</div> | <div>FHK35FV1 R35GV1</div> | <div>FHK45FV1 R50GV1</div> | <div>FHK60FV1 R60GV1</div> | <div>FHYK71FJV1 R71LUV1 / Y1</div> | | | |  |
| <div>CEILING MOUNTED BUILT-IN TYPE</div> <div>Page 21–22</div> <div>Specifications Page 41 Dimensions Page 62</div> <div>Indoor unit</div> <div>Outdoor unit</div> | <div>FHB35FV1 R35GV1</div> | <div>FHB45FV1 R50GV1</div> | <div>FHB60FV1 R60GV1</div> | <div>FHYB71FV1 R71LUV1 / Y1</div> | <div>FHYB100FV1 R100LUV1 / Y1</div> | <div>FHYB125FV1 R125LUV1</div> | | |
| <div>WALL MOUNTED TYPE</div> <div>Page 23–24</div> <div>Specifications Page 41 Dimensions Page 62,63</div> <div>Indoor unit</div> <div>Outdoor unit</div> | | | | <div>FAY71LVE R71LUV1 / Y1</div> | <div>FAY100FAVE R100LUV1 / Y1</div> | |  | |
| <div>FLOOR STANDING TYPE</div> <div>Page 25–26</div> <div>Specifications Page 42 Dimensions Page 63</div> <div>Indoor unit</div> <div>Outdoor unit</div> | | | | <div>FVY71LAVE R71LUV1 / Y1</div> | <div>FVY100LAVE R100LUV1 / Y1</div> | <div>FVY125LAVE R125LUV1</div> | |  |
| | | | | | | | | |

| | | | | | | | | | | | | | | | |
|---|--|--------------|---|---|---|---|---|---|---|---|---|---|---|--|--|
| PACKAGED AIR CONDITIONERS | | | | | | | | | | | | | | | |
| DUCT CONNECTION <div>Page 27-30</div> | LOW STATIC PRESSURE TYPE Specifications Page 42 Dimensions Page 64 | |  | |  | | | | | | | | | | |
| | | Indoor unit | FDBG25AVE | FDBG35AVE | FDBG50AVE | FDBG60AVE | FDBG71AVE | | | | | | | | |
| | | Outdoor unit | R25JV1 | R35JV1 | R50GV1 | R60GV1 | R71FUV1 / Y1 | | | | | | | | |
| | MIDDLE STATIC PRESSURE TYPE Specifications Page 43 Dimensions Page 64,65 | | | | |  |  | |  |  |  | | | | |
| | | | | | | (FDMG) | (FDMG) | | (FDMG) | | | | | | |
| | | Indoor unit | | | | (FDYM) | (FDYM) | | (FDYM) | | | | | | |
| | | | | | | FDMG71AV1 | FDMG100AV1 | | FDMG125AV1 | FDMG140AV1 | FDMG180AV1 | | | | |
| | | Outdoor unit | | | | RG71AV1 / Y1 | R100FUV1 / Y1 | | R125FUY1 | RG140AY1 | RG180AY1 | | | | |
| | | Indoor unit | | | | FDYM03FAV1 | FDYM04FAV1 | | FDYM05FAV1 | FDYM06FAV1 | | | | | |
| | | Outdoor unit | | | | R71LUV1 / Y1 | R100LUV1 / Y1 | | R125LUY1 | R140LUY1 | | | | | |
| HIGH STATIC PRESSURE TYPE Specifications Page 44,45 Dimensions Page 65-67 | | |  |  | | |  |  | |  |  |  |  | | |
| | | Indoor unit | | | | | | | | | | | | | |
| | | Outdoor unit | | | | | | | | | | | | | |
| | | Outdoor unit | (Type without factory charged refrigerant) | | | | | | | | | | | | |



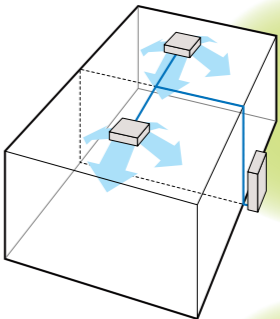
| | | | | | | | | | | | | | | | | | | |
|---|---|--------|---|--|---|---|----------------------|----------------------|--|----------------------|---|---|---|---|---|---|---|--|
| OUTDOOR UNIT | | | | | | | | | | | | | | | | | | |
| Page 33-34 Dimensions Page 68-74 | | | | | | | | | | | | | | | | | | |
|  |  | |  |  |  |  | | | | |  |  |  |  |  |  |  | |
| R25JV1 | R35GV1 | R35JV1 | R50GV1 | R60GV1 | R71LUV1 R71LUV1 | R71FUY1 RG71AV1 RG71AY1 | R100LUV1 R100LUV1 | R100FUY1 R100FUY1 | | R125LUV1 R125FUY1 | R140LUV1 RU06KY1 RG140AY1 | RG180AY1 | RU08KUY1 RU08KY1 | RU10KUY1 RU10KY1 | RU08KUY1 × 2 RU08KY1 × 2 | RU10KUY1 × 2 RU10KY1 × 2 | | |

Simultaneous operation system TWIN MULTI OPERATION Page 31-32 Specifications Page 46-48

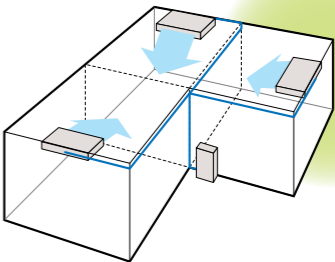
| Capacity | HP | 3 | | 4 | | 5 | | 6 | | 8 | | 10 | | | | | |
|--|--------|--|--|--|--|--|--|--|--|---|--|--|--|--|--|---|--|
| | kW | 7.7 | | 10.5 | | 12.8 | | 14.2 | | 22.2 | | 26.6 | | | | | |
| | Btu/h | 26,200 | | 35,700 | | 43,600 | | 48,400 | | 75,800 | | 90,800 | | | | | |
| | kcal/h | 6,600 | | 9,000 | | 11,000 | | 12,200 | | 19,100 | | 22,900 | | | | | |
| The values given on the right are for the FHYC type. | | | | | | | | | | | | | | | | | |
| CEILING MOUNTED CASSETTE TYPE | |  | | | | | | | |  | | | | | | | |
| | | Indoor unit | | FHYC35KVE × 2 | | FHYC50KVE × 2 | | FHYC60KVE × 2 | | FHYC71KVE × 2 | | FHYC100KVE × 2 | | FHYC125KVE × 2 | | | |
| | | Outdoor unit | | R71LUV1 / Y1 | | R100LUV1 / Y1 | | R125LUY1 | | R140LUY1 | | R200KUY1 | | R250KUY1 | | | |
| CEILING SUSPENDED TYPE | |  | | | | | | | |  | | | |  | |  | |
| | | Indoor unit | | FHY35BVE × 2 | | FHY50BVE × 2 | | FHY60BVE × 2 | | FHY71BVE × 2 | | FHY100BVE × 2 | | FHY125BVE × 2 | | | |
| | | Outdoor unit | | R71LUV1 / Y1 | | R100LUV1 / Y1 | | R125LUY1 | | R140LUY1 | | R200KUY1 | | R250KUY1 | | | |
| DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE | | | | | | | | | |  | | | | | | | |
| | | Indoor unit | | | | | | | | | | FDYM04FAV1 × 2 | | FDYM05FAV1 × 2 | | | |
| | | Outdoor unit | | | | | | | | | | R200KUY1 | | R250KUY1 | | | |
| OUTDOOR UNIT | |  | |  | |  | |  | | | |  | |  | | | |
| | | R71LUV1 R71LUY1 | | R100LUV1 R100LUY1 | | R125LUY1 | | R140LUY1 | | | | R200KUY1 | | R250KUY1 | | | |

Page 33–34

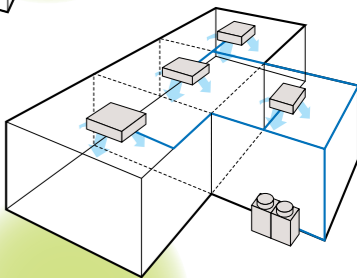
Simultaneously running 2 to 4 units distributes comfort across wide spaces.



Simultaneous control with 2 units in spacious space





Simultaneous control with 3 units for irregularly shaped space














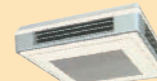









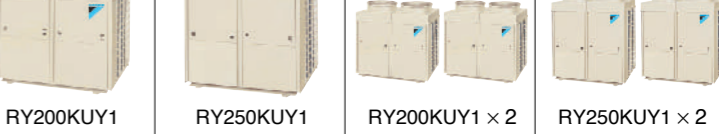



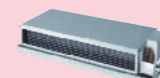


















Simultaneous control with 4 units for large space

Simultaneous operation system TRIPLE MULTI OPERATION Page 31-32 Specifications Page 46-48

| Capacity | HP | 6 | | 8 | |
|--|--------|---|--|---|--|
| | kW | 14.2 | | 22.2 | |
| | Btu/h | 48,400 | | 75,800 | |
| | kcal/h | 12,200 | | 19,100 | |
| The values given on the right are for the FHYC type. | | | | | |
| CEILING MOUNTED CASSETTE TYPE | | | | | |
| Indoor unit | | FHYC50KVE × 3 | | FHYC71KVE × 3 | |
| Outdoor unit | | R140LUY1 | | R200KUY1 | |
| CEILING SUSPENDED TYPE | | | | | |
| Indoor unit | | FHY50BVE × 3 | | FHY71BVE × 3 | |
| Outdoor unit | | R140LUY1 | | R200KUY1 | |
| DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE | | | | | |
| Indoor unit | | | | FDYM03FAV1 × 3 | |
| Outdoor unit | | | | R200KUY1 | |
| OUTDOOR UNIT | | | | | |
| | |  | |  | |
| | | R140LUY1 | | R200KUY1 | |

Simultaneous operation system DOUBLE TWIN MULTI OPERATION Page 31-32 Specifications Page 46-48













| 8 | 10 |
|---|---|
| 22.2 | 26.6 |
| 75,800 | 90,800 |
| 19,100 | 22,900 |
|  | |
| FHYC50KVE × 4 R200KUY1 | FHYC60KVE × 4 R250KUY1 |
|  | |
| FHY50BVE × 4 R200KUY1 | FHY60BVE × 4 R250KUY1 |
| | |
| | |
|  |  |
| R200KUY1 | R250KUY1 |

| Capacity | | | HP | 1.5 | 2 | 2.5 | 3 | 4 | 5 | 6 | 8 | 10 | 15 | 20 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|---|--|--|--|
| The values given on the right are for the FHYC type. Values for other types may differ slightly. The values given for 8HP to 20HP are for the FDY type. | Cooling | kW | 3.75 | 5.2 | 6.15 | 7.7 | | 10.4 | 12.8 | 14.2 | 22.2 | 27.1 | 43.5 | 53.0 | | | | | | | |
| | | Btu/h | 12,800 | 17,800 | 21,000 | 26,200 | | 35,300 | 43,600 | 48,400 | 75,700 | 92,500 | 148,000 | 181,000 | | | | | | | |
| | | kcal/h | 3,230 | 4,470 | 5,290 | 6,600 | | 8,900 | 11,000 | 12,220 | 19,100 | 23,300 | 37,400 | 45,600 | | | | | | | |
| | Heating | kW | 4.22 | 5.8 | 7.0 | 7.9 | | 11.2 | 14.2 | 16.3 | 23.2 | 29.5 | 44.8 | 56.8 | | | | | | | |
| | | Btu/h | 14,400 | 19,800 | 23,900 | 27,000 | | 38,100 | 48,400 | 56,000 | 79,200 | 100,700 | 153,000 | 194,000 | | | | | | | |
| | | kcal/h | 3,630 | 4,990 | 6,020 | 6,800 | | 9,600 | 12,200 | 14,000 | 20,000 | 25,400 | 38,500 | 48,800 | | | | | | | |
| CEILING MOUNTED CASSETTE TYPE | | |  | | | |  | | | |  | | | | | | | | | | |
| Page 11–14 | | Specifications Page 49 Dimensions Page 60 | Indoor unit | FHYC35KVE | FHYC50KVE | FHYC60KVE | FHYC71KVE | FHYC100KVE | FHYC125KVE | FHYC140KVE | | | | | | | | | | | |
| | | | Outdoor unit | RY35FV1A | RY50GAV1A | RY60GAV1A | RY71LUV1 / Y1 | RY100LUV1 / Y1 | RY125LUV1 | RY140LUV1 | | | | | | | | | | | |
| CEILING SUSPENDED TYPE | | |  | | | |  | | | |  | | | | | | | | | | |
| Page 15–16 | | Specifications Page 49 Dimensions Page 60 | Indoor unit | FHY35BVE | FHY50BVE | FHY60BVE | FHY71BVE | FHY100BVE | FHY125BVE | | | | | | | | | | | | |
| | | | Outdoor unit | RY35FV1A | RY50GAV1A | RY60GAV1A | RY71LUV1 / Y1 | RY100LUV1 / Y1 | RY125LUV1 | | | | | | | | | | | | |
| CEILING SUSPENDED CASSETTE TYPE | | |  | | | |  | | | |  | | | | | | | | | | |
| Page 17–18 | | Specifications Page 50 Dimensions Page 61 | Indoor unit | | | | FUY71FJV1 | FUY100FJV1 | FUY125FJV1 | | | | | | | | | | | | |
| | | | Outdoor unit | | | | RY71LUV1 / Y1 | RY100LUV1 / Y1 | RY125LUV1 | | | | | | | | | | | | |
| CEILING MOUNTED CASSETTE CORNER TYPE | | |  | | | |  | | | |  | | | | | | | | | | |
| Page 19–20 | | Specifications Page 50 Dimensions Page 61 | Indoor unit | FHYK35FJV1 | FHYK45FJV1 | FHYK60FJV1 | FHYK71FJV1 | | | | | | | | | | | | | | |
| | | | Outdoor unit | RY35FV1A | RY50GAV1A | RY60GAV1A | RY71LUV1 / Y1 | | | | | | | | | | | | | | |
| CEILING MOUNTED BUILT-IN TYPE | | |  | | | |  | | | |  | | | | | | | | | | |
| Page 21–22 | | Specifications Page 51 Dimensions Page 62 | Indoor unit | FHYB35FV1 | FHYB45FV1 | FHYB60FV1 | FHYB71FV1 | FHYB100FV1 | FHYB125FV1 | | | | | | | | | | | | |
| | | | Outdoor unit | RY35FV1A | RY50GAV1A | RY60GAV1A | RY71LUV1 / Y1 | RY100LUV1 / Y1 | RY125LUV1 | | | | | | | | | | | | |
| WALL MOUNTED TYPE | | |  | | | |  | | | |  | | | | | | | | | | |
| Page 23–24 | | Specifications Page 51 Dimensions Page 62,63 | Indoor unit | | | | FAY71LVE | FAY100FAVE | | | | | | | | | | | | | |
| | | | Outdoor unit | | | | RY71LUV1 / Y1 | RY100LUV1 / Y1 | | | | | | | | | | | | | |
| FLOOR STANDING TYPE | | |  | | | |  | | | | | | | | | | | | | | |
| Page 25–26 | | Specifications Page 52 Dimensions Page 63 | Indoor unit | | | | FVY71LAVE | FVY100LAVE | FVY125LAVE | | | | | | | | | | | | |
| | | | Outdoor unit | | | | RY71LUV1 / Y1 | RY100LUV1 / Y1 | RY125LUV1 | | | | | | | | | | | | |
| PACKAGED AIR CONDITIONERS | | | | | | | | | | | | | | | | | | | | | |
| DUCT CONNECTION | LOW STATIC PRESSURE TYPE | Specifications Page 52 Dimensions Page 64 |  | | | |  | | | | | | | | | | | | | | |
| | | | Indoor unit | FDYB35KAVE | FDYB50KAVE | FDYB60KAVE | FDYB71KAVE | | | | | | | | | | | | | | |
| | Outdoor unit | RY35FV1A | RY50GAV1A | RY60GAV1A | RY71LUV1 / Y1 | | | | | | | | | | | | | | | | |
| | MIDDLE STATIC PRESSURE TYPE | Specifications Page 53 Dimensions Page 64,65 |  | | | |  | | | | | | | | | | | | | | |
| | | | Indoor unit | | | | FDYM03FAV1 | FDYM04FAV1 | FDYM05FAV1 | FDYM06FAV1 | | | | | | | | | | | |
| | Outdoor unit | | | | RY71LUV1 / Y1 | RY100LUV1 / Y1 | RY125LUV1 | RY140LUV1 | | | | | | | | | | | | | |
| HIGH STATIC PRESSURE TYPE | Specifications Page 54 Dimensions Page 65–67 |  | | | |  | | | |  | | | |  | | | |  | | | |
| | | Indoor unit | | | | | | | FDY06KAY1 | FDY08KAY1 | FDY10KAY1 | FDY15KAY1 | FDY20KAY1 | | | | | | | | |
| Page 27–30 | | | Outdoor unit | | | | | | | RY140LUV1 | RY200KUY1 | RY250KUY1 | RY200KUY1 × 2 | RY250KUY1 × 2 | | | | | | | |
| OUTDOOR UNIT | | | | | | | | | | | | | | | | | | | | | |
| Page 33–34 | | Dimensions Page 68–74 |  |  |  |  | |  |  |  |  |  |  |  | | | | | | | |
| | | | RY35FV1A | RY50GAV1A | RY60GAV1A | RY71LUV1 RY71LUV1 | | RY100LUV1 RY100LUV1 | RY125LUV1 | RY140LUV1 | RY200KUY1 | RY250KUY1 | RY200KUY1 × 2 | RY250KUY1 × 2 | | | | | | | |

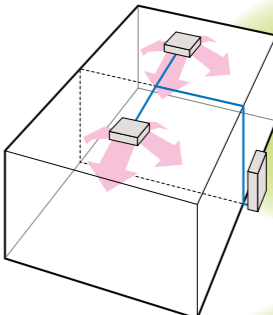
Simultaneous operation system

TWIN MULTI OPERATION

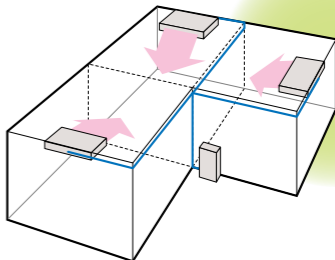
Page 31-32
Specifications Page 54-56

| | | | | | | | | | | | | | | | |
|--|--------|--|--|---|--|---|--|---|--|---|--|---|--|---|--|
| Capacity Cooling / Heating The values given on the right are for the FHYC type. | HP | 3 | | 4 | | 5 | | 6 | | 8 | | 10 | | | |
| | kW | 7.7/7.9 | | 10.4/11.2 | | 12.8/14.2 | | 14.2/16.3 | | 22.2/22.7 | | 26.6/28.4 | | | |
| | Btu/h | 26,200/27,000 | | 35,300/38,100 | | 43,600/48,400 | | 48,400/56,000 | | 75,800/77,500 | | 90,800/97,000 | | | |
| | kcal/h | 6,600/6,800 | | 8,900/9,600 | | 11,000/12,200 | | 12,200/14,000 | | 19,100/19,500 | | 22,900/24,400 | | | |
| CEILING MOUNTED CASSETTE TYPE | |  | | | | | | | | | |  | | | |
| | | Indoor unit | | FHYC35KVE × 2 | | FHYC50KVE × 2 | | FHYC60KVE × 2 | | FHYC71KVE × 2 | | FHYC100KVE × 2 | | FHYC125KVE × 2 | |
| | | Outdoor unit | | RY71LUV1 / Y1 | | RY100LUV1 / Y1 | | RY125LUY1 | | RY140LUY1 | | RY200KUY1 | | RY250KUY1 | |
| CEILING SUSPENDED TYPE | |  | | | | | | | | | |  | |  | |
| | | Indoor unit | | FHY35BVE × 2 | | FHY50BVE × 2 | | FHY60BVE × 2 | | FHY71BVE × 2 | | FHY100BVE × 2 | | FHY125BVE × 2 | |
| | | Outdoor unit | | RY71LUV1 / Y1 | | RY100LUV1 / Y1 | | RY125LUY1 | | RY140LUY1 | | RY200KUY1 | | RY250KUY1 | |
| DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE | | | | | | | | | | | |  | | | |
| | | Indoor unit | | | | | | | | | | FDYM04FAV1 × 2 | | FDYM05FAV1 × 2 | |
| | | Outdoor unit | | | | | | | | | | RY200KUY1 | | RY250KUY1 | |
| OUTDOOR UNIT | |  | |  | |  | |  | |  | |  | | | |
| | | RY71LUV1 RY71LUY1 | | RY100LUV1 RY100LUY1 | | RY125LUY1 | | RY140LUY1 | | RY200KUY1 | | RY250KUY1 | | | |
| | | Page 33- 34 | | | | | | | | | | | | | |

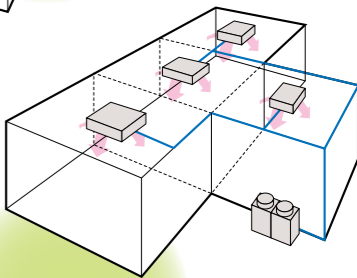
Simultaneously running
2 to 4 units distributes
comfort across wide spaces.



Simultaneous control with
2 units in spacious space



Simultaneous control with
3 units for irregularly
shaped space



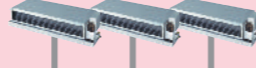
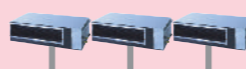



Simultaneous control with
4 units for large space

Simultaneous operation system

TRIPLE MULTI OPERATION








Page 31-32
Specifications Page 54-56

| | | | | | |
|--|--------|---|--|---------------------------|--|
| Capacity Cooling / Heating <small>The values given on the right are for the FHYC type.</small> | HP | 6 | | 8 | |
| | kW | 14.2/16.3 | | 22.2/22.7 | |
| | Btu/h | 48,400/56,000 | | 75,800/77,500 | |
| | kcal/h | 12,200/14,000 | | 19,100/19,500 | |
| CEILING MOUNTED CASSETTE TYPE | |  | | | |
| | | Indoor unit FHYC50KVE × 3 | | FHYC71KVE × 3 | |
| | | Outdoor unit RY140LUY1 | | Outdoor unit RY200KUY1 | |
| CEILING SUSPENDED TYPE | |  | | | |
| | | Indoor unit FHY50BVE × 3 | | FHY71BVE × 3 | |
| | | Outdoor unit RY140LUY1 | | Outdoor unit RY200KUY1 | |
| DUCT CONNECTION LOW STATIC PRESSURE TYPE | |  | | | |
| | | Indoor unit FDYB71KAVE × 3 | | FDYB71KAVE × 3 | |
| | | Outdoor unit RY140LUY1 | | Outdoor unit RY200KUY1 | |
| DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE | |  | | | |
| | | Indoor unit FDYM03FAV1 × 3 | | FDYM03FAV1 × 3 | |
| | | Outdoor unit RY140LUY1 | | Outdoor unit RY200KUY1 | |
| OUTDOOR UNIT | |  | | | |
| | | RY140LUY1 | | RY200KUY1 | |

Simultaneous operation system

DOUBLE TWIN MULTI OPERATION

Page 31-32
Specifications Page 54-56

| | | | |
|---|--|---|--|
| 8 | | 10 | |
| 22.2/22.7 | | 26.6/28.4 | |
| 75,800/77,500 | | 90,800/97,000 | |
| 19,100/19,500 | | 22,900/24,400 | |
|  | | | |
| FHYC50KVE × 4 RY200KUY1 | | FHYC60KVE × 4 RY250KUY1 | |
|  | |  | |
| FHY50BVE × 4 RY200KUY1 | | FHY60BVE × 4 RY250KUY1 | |
|  | |  | |
| FDYB50KAVE × 4 RY200KUY1 | | FDYB60KAVE × 4 RY250KUY1 | |
| | | | |
|  | |  | |
| RY200KUY1 | | RY250KUY1 | |

CEILING MOUNTED CASSETTE TYPE

FH(Y)C

Cooling only FH(Y)C35KVE-140KVE
Heat pump FHYC35KVE-140KVE

Quiet, decor-blending form and easy installation in new or old buildings.

Sound level
35/30 dB(A)
High Low
FHYC71K

SUPER CASSETTE



Accessory required for indoor unit (option)

Wired LCD remote controller



BRC1C61

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

Wireless LCD remote controller



Cooling only
BRC7C613W
Heat pump
BRC7C612W

A signal receiver must be added to the indoor unit.

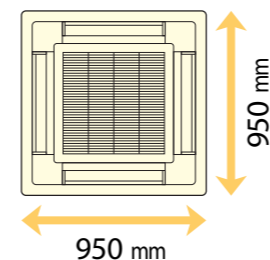


Signal receiver unit (Installed type)
Wireless remote controller and signal receiver unit are sold as a set.



Unified square panels

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



Same for all models

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.

| Indoor unit | dB(A) | |
|-------------|-------|-----|
| | High | Low |
| 35K | 33 | 29 |
| 50K | 33 | 29 |
| 60K | 35 | 30 |
| 71K | 35 | 30 |
| 100K | 39 | 34 |
| 125K | 42 | 36 |
| 140K | 44 | 37 |

Note: Anechoic chamber conversion value, measured according to JIS parameters and

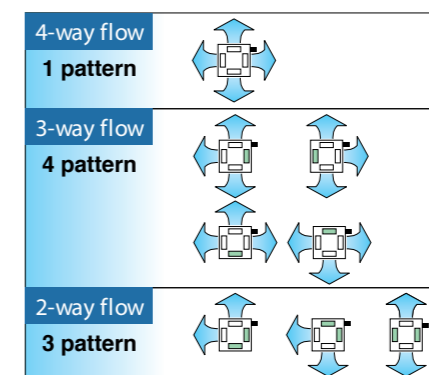
Optimal comfort and convenience assured by 3 air discharge modes

| Air direction | Draft prevention setting | Standard setting | Setting to prevent soiling of ceiling |
|------------------------------------|---|---|--|
| Desired situation | When drafts are unwanted | For gentle drafts (Ceiling is soiled.) | When ceilings must be kept spotless |
| Auto-swing | Auto-swing between 10° and 40° | Auto-swing between 10° and 65° | Auto-swing between 30° and 65° |
| 5-levels air direction setting | Settable to 5 different levels between 10° and 40° | Settable to 5 different levels between 10° and 65° | Settable to 5 different levels between 30° and 65° |
| Draft prevention (In heating mode) | At heating startup and thermo OFF*, air direction is automatically set to a near horizontal 10° to prevent direct exposure to cool | At heating startup and thermo OFF*, air discharge is automatically set to 30° to prevent both direct exposure to cool air drafts and con- | |
| Auto air direction control | The air direction is set automatically to the memorised position of the previous air direction. (Initial setting is 65° for heating and 30° for cooling.) | | |

Note: Air direction is set to the standard position when the unit is shipped from the factory. The position can be changed from the remote controller.

*When the thermostat turns off.

Multi-Flow System

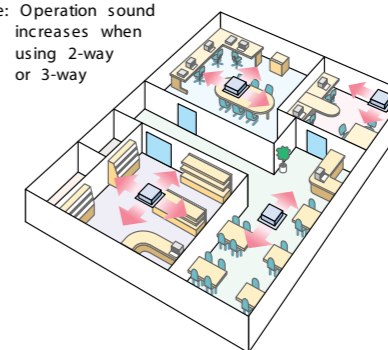


"■" denotes piping direction. "■" denotes sealing member for air discharge outlet (option).

Note: For 3-way or 2-way flow installation, the sealing member for air discharge outlet (option) must be used to close off the unused outlet(s).

Air direction can be selected according to installation.

Note: Operation sound increases when using 2-way or 3-way



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.

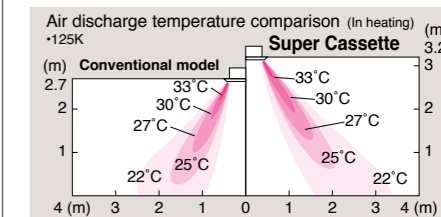
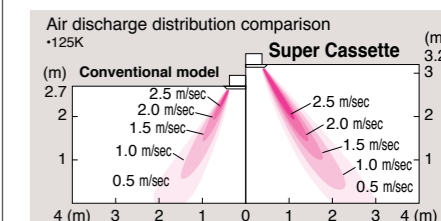
*Temperature-sensor on indoor unit must be used when the air conditioner is controlled from another room.

**Wireless remote controller does not have a

CEILING MOUNTED CASSETTE TYPE

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

| | Standard | Number of air discharge outlets used | | | | | |
|----------------|----------|--------------------------------------|------------|------------|------------|------------|------------|
| | | 35K-71K | | | 100K-140K | | |
| Ceiling height | | 4-way flow | 3-way flow | 2-way flow | 4-way flow | 3-way flow | 2-way flow |
| High ceiling ① | 2.7 m | 3.0 m | 3.0 m | 3.5 m | 3.2 m | 3.6 m | 4.2 m |
| High ceiling ② | 3.0 m | 3.3 m | 3.3 m | 3.8 m | 3.6 m | 4.0 m | 4.2 m |
| High ceiling ③ | 3.5 m | 3.5 m | — | — | 4.2 m | 4.2 m | — |

Note: Initial settings are for standard ceiling height and 4-way flow. High ceiling settings 1 and 2 are set from the remote

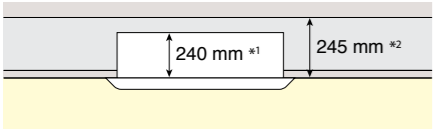
Programme "Dry"

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

Switchable fan speed: High/Low

Quick and easy to install

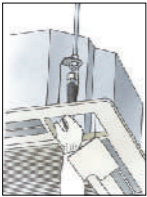
Just 240 mm high. Installable in tight ceiling spaces (35K-71K)



#1 298 mm high with 100K-140K
#2 303 mm high with 100K-140K

Easy height adjustment

Each corner of the unit has an Adjuster Pocket that lets you easily adjust the unit's suspended height.

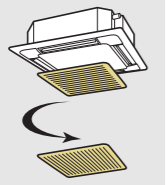


Note: If the wireless remote control option is installed, a light receptor unit is housed in one of the adjuster pocket.

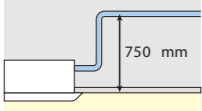
All models suspended without lift

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.



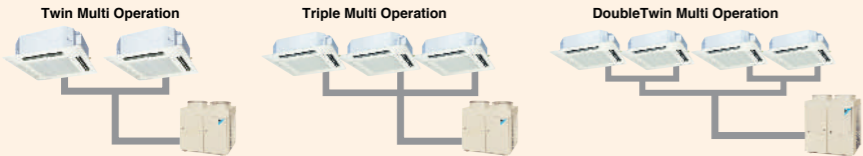
Drain pump is equipped as standard accessory with 750 mm lift.



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.

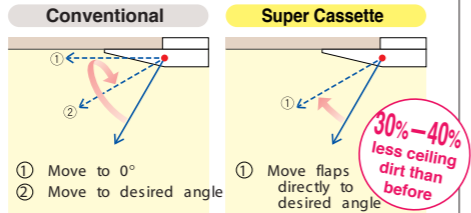


See pages 31-32 for details of the Multi Series.

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.



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

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



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.



Self-diagnosis function

Low gas pressure detection

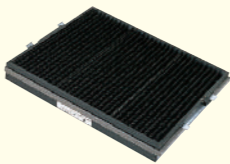
Insufficient gas charging is normally hard to detect. During post-installation trials and regular inspection procedures, the refrigerant level is monitored by microprocessor to maintain proper gas pressure.



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 atmosphere: annual filter change
*For dust concentration of 0.3 mg/m³ (Requires separately sold Air Cleaner.)
1 year (Approx. 5,000 hr) ≒ 15 hr/day x 28 day/month x 12 month/year

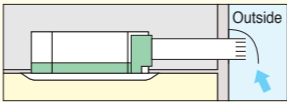
Ordinary store or office: filter change every 4 years
*For dust concentration of 0.15 mg/m³
4 years (Approx. 10,000 hr) ≒ 8 hr/day x 25 day/month x 4 years

High-efficiency filter

Available in two types: 65% and 90% colorimetry.

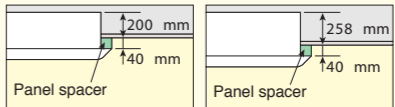
Fresh air intake kit

Using this kit, a duct can be fitted to increase the intake of outdoor air.



Panel spacer

Use when only minimal space is available between drop ceilings and ceiling slabs.



For 35K-71K indoor units For 100K-140K indoor units

Note: Some ceiling constructions may hinder installation. Contact your Dai-kin Dealer before installing your unit.

Sealing member for air discharge outlet

Sealing members block air discharge openings not used in 2-way or 3-way blow.

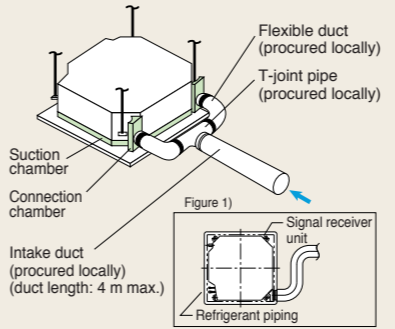
Branch duct chamber

This chamber lets you connect a round flexible duct to the air discharge opening at any time after the original installation.

Note: *Connecting ducts, insect nets, fire dampers, air filters, and other parts should, as required, be procured locally.
**Outside Air fan interlocked with air conditioning unit is necessary. Optional PCB(KRP1C63)is required for interlocking.
***It is recommended that the volume of outdoor air introduced through the kit is limited to 10% of the maximum airflow rate of the indoor unit. Introducing higher quantities will increase the operating noise and may also influence temperature sending.

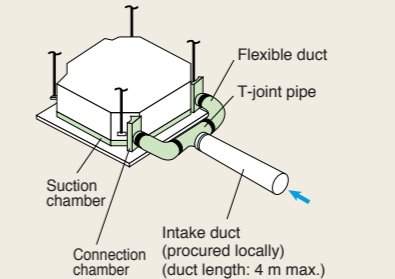
The units can be installed in the following different ways.

Chamber type (without T-joint pipe and fan)
Kit name: **KDDP55D160**



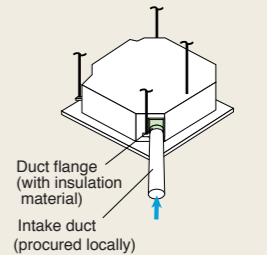
Notes: Requires an inspection port for maintenance access.
If intake ducts cannot be connected to both connection chambers due, for example, to an obstruction, single intake duct installation is possible.
Figure 1 shows what the installation will look like

Chamber type (with T-joint pipe and without fan)
Kit name: **KDDP55D160K**



Notes: Requires an inspection port for maintenance access.
For dual intake duct installation only. If only a single intake duct can be connected because of an obstruction, etc., KDDP55D160 should be used instead.
It is not possible to use this kit simultaneously with the wireless remote controller.

Direct installation type
Kit name: **KDDJ55X160**



Note: Use of options will increase operating sound.

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

| Feature | Comfort | | | | | | | | | | Mould prevention | Work & Servicing | | | | | | | | Control features | | | | Option | | Others | | | | | | |
|--------------|------------|-------------------------|---------------------------|----------------------|-----------------|--------------------------|------------------------------------|-----------|-------------------------------|----------------|------------------|--------------------------------------|----------------------|----------------------------|------------------|-------------|----------------------------|----------------------------|---------------------|-------------------------|--------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|--------|------------------------|-------------------|------------------------|------------------------|----------------------|--|
| | Auto swing | Swing pattern selection | Draft prevention function | Switchable fan speed | Programme "Dry" | High ceiling application | Two selectable temperature-sensors | Hot start | Year-round cooling applicable | Timer selector | | Mould resistant treatment for filter | Drain pump mechanism | Pre-charged for up to 30 m | Long-life filter | Filter sign | Ceiling soiling prevention | Low gas pressure detection | Emergency operation | Self-diagnosis function | Auto-restart | Auto-cooling/heating change-over | Control by 2 remote controllers | Control by 1 remote controller | External command control | | Central remote control | Interlock control | Ultra long-life filter | High-efficiency filter | Fresh air intake kit | Twin / triple / double multi operation |
| Cooling only | ● | ● | — | ● | ● | ● | *1 | — | *2 | ● | ● | ● | *4 | ● | ● | ● | *4 | ● | ● | ● | ● | — | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Heat pump | ● | ● | ● | ● | ● | ● | *1 | ● | *3 | ● | ● | ● | *4 | ● | ● | ● | *4 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

*1Applicable when wired remote controller is used
*2Applicable to R71LU-R140LU outdoor units (for temp. down to -15°C) (An option is required.)
*3Applicable to RY71LU-RY140LU outdoor units (for temp. down to -5°C) and RY200LU-RY250LU outdoor units (for temp. down to -0°C)
*4Applicable to R(Y)71LU-140LU outdoor units

CEILING SUSPENDED TYPE

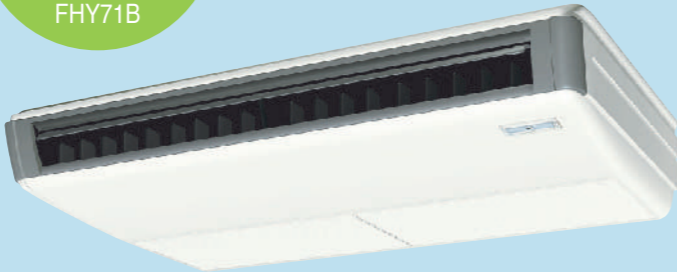
FH(Y)

Cooling only FH(Y)35BVE-125BVE
Heat pump FHY35BVE-125BVE

Upgrade to a quiet and compact system.



Sound level
39/35dB(A)
High Low
FHY71B



Accessory required for indoor unit (option)

Wired LCD remote controller



BRC1C61

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

Wireless LCD remote controller



Cooling only
BRC7EA66
Heat pump
BRC7E63W

A signal receiver must be added to the indoor unit.



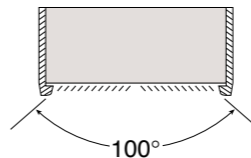
Signal receiver unit (Installed type)

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

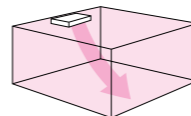
Spreads comfortable air throughout the room

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.

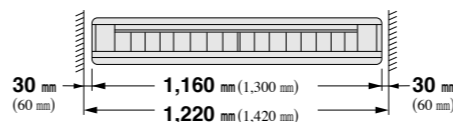
| | (mm) | | | |
|-------------|---------|---------|-------|-------|
| Indoor unit | 35B/50B | 60B/71B | 100B | 125B |
| Height | 195 | | | |
| Width | 960 | 1,160 | 1,400 | 1,590 |
| Depth | 680 | | | |

Weight of all models reduced (down 10% compared with previous models). Transfer and installation work is less arduous.

Reduced edge space, more flexible installation

The unit fits more snugly into tight spaces.

For 71B indoor unit
Dimensions in brackets are for previous model.



*Water used in the test-run can now be drained from the air discharge opening rather than from the side as was formerly the case.

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.

*Temperature-sensor on indoor unit must be used when the air conditioner is controlled from another room.
**Wireless remote controller does not have a temperature-sensor.

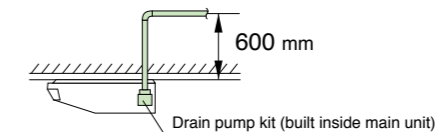
Programme "Dry"

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

Switchable fan speed: High/Low

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.



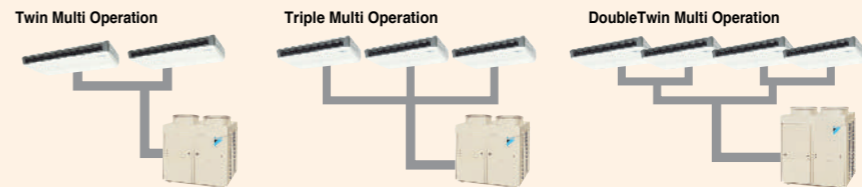
All wiring and internal servicing done from below the unit

Pipes more easily rigged, too

Plastic panels are used to conceal piping holes. Holes can be easily punched out without requiring special tools.

Low gas pressure detection

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



See pages 31-32 for details of the Multi Series.

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

| Model | Feature | Comfort | | | | | | | | | Mould prevention | Work & Servicing | | | | | | Control features | | | | | Others | | | | | |
|--------------|---------|------------|---------------------------|----------------------|-----------------|-----------------------------|------------------------------------|-----------|-------------------------------|----------------|--------------------------------------|--------------------------|----------------------|----------------------------|------------------|-------------|----------------------------|---------------------|-------------------------|--------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|------------------------|-------------------|---|--------|
| | | Auto swing | Draft prevention function | Switchable fan speed | Programme "Dry" | High ceiling application *1 | Two selectable temperature-sensors | Hot start | Year-round cooling applicable | Timer selector | Mould resistant treatment for filter | Mould-proofing drain pan | Drain pump mechanism | Pre-charged for up to 30 m | Long-life filter | Filter sign | Low gas pressure detection | Emergency operation | Self-diagnosis function | Auto-restart | Auto-cooling/heating change-over | Control by 2 remote controllers | Control by 1 remote controller | External command control | Central remote control | Interlock control | Twin / triple / double twin multi operation | PE fin |
| Cooling only | | ● | — | ● | ● | ● | *2 | — | *3 | ● | ● | ● | *5 | *6 | ● | ● | *6 | ● | ● | ● | — | ● | ● | ● | ● | ● | ● | ● |
| Heat pump | | ● | ● | ● | ● | ● | *2 | ● | *4 | ● | ● | ● | *5 | *6 | ● | ● | *6 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

*1Installable on max. 3.5 m high ceiling

*2Applicable when wired remote controller is used

*3Applicable to R71LU-R140LU outdoor units (for temp. down to -15°C) optional available

(An option is required.)

*4Applicable to RY71LU-RY140LU outdoor units (for temp. down to -5°C)

and RY200LU-RY250LU outdoor units (for temp. down to -0°C)

*5Applicable to R71LU-R140LU outdoor units (for temp. down to -15°C) optional available

*6Applicable to R(Y)71LU-140LU outdoor units

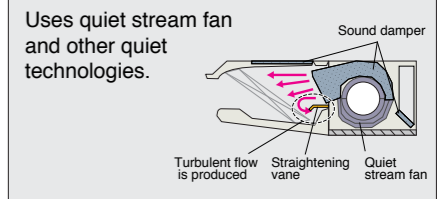
CEILING SUSPENDED TYPE

Quiet operation

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

| | dB(A) | |
|-------------|-------|-----|
| Indoor unit | High | Low |
| 35B | 37 | 32 |
| 50B | 38 | 33 |
| 60B | 38 | 33 |
| 71B | 39 | 35 |
| 100B | 42 | 37 |
| 125B | 44 | 39 |

Note : Anechoic chamber conversion value, measured according to JIS parameters and



Easier to maintain

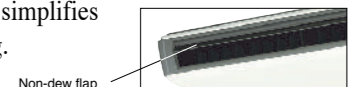
Long-life filter lasts about 1 year *
Maintenance not required

* 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).

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 bottom 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: Intended for use in salons, dining rooms, and ordinary sales floors, this specification is not suitable for kitchens or other harsh environments.

CEILING SUSPENDED CASSETTE TYPE FUY

Cooling only FUY71FJV1-125FJV1
Heat pump FUY71FJV1-125FJV1

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



Flexibility in installation location.
Installation is also simple.

Accessory required for indoor unit (option)

Wired LCD remote controller

BRC1C61

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

Wireless LCD remote controller

Cooling only **BRC7C529W**
Heat pump **BRC7C528W**

A signal receiver must be added to the indoor unit.

Signal receiver unit (Installed type)

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



The auto-swing function increases comfort level

| Auto-swing | 5-levels air direction setting | Auto-air direction control |
|--------------------------------------|--|--|
| <p>Auto-swing between 0° and 60°</p> | <p>Settable to 5 different levels between 0° and 60°</p> | <p>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.)</p> |
| Draft prevention (in heating) | At heating startup and thermo OFF*, air direction is automatically set to horizontal | |

*When the thermostat turns off.

Air direction can be selected according to installation

■ Selection patterns for air direction and fan speed ratio

Note: Applicable only to the flow configurations shown below.

Standard (100%) Moderate (approx. 70%) (*Requires sealing member for air discharge outlet (optional accessory) for opposing 2-)

2-way flow

3-way flow

4-way flow

Note: When 2- or 3-way flow configurations are selected, the unused flow outlets must be blocked off with the optional sealing material. Sound during operation will rise by about 2 dB.

Suitable for high ceilings

■ Criteria for ceiling height and number of air discharge outlets

| | | Number of air discharge outlets used | | |
|----------------|----------------|--------------------------------------|------------|------------|
| | | 2-way flow | 3-way flow | 4-way flow |
| Ceiling height | Standard | 3.5 m | 3.0 m | 2.7 m |
| | High ceiling ① | 3.8 m | 3.3 m | 3.0 m |
| | High ceiling ② | — | 3.5 m | 3.5 m |

Note: Initial settings are for standard ceiling height and 4-way flow. High ceiling settings 1 and 2 are set from the remote

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.

*Temperature-sensor on indoor unit must be used when the air conditioner is controlled from another room.

**Wireless remote controller does not have a

Switchable fan speed: High/Low

Easier to maintain

Long-life filter lasts about 1 year *
Maintenance not required

* For dust concentration of 0.15 mg/m³

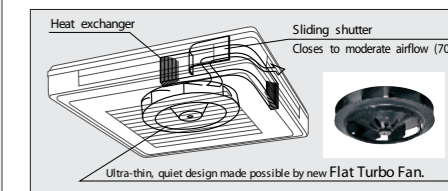
Accessible from below for easy maintenance

Low gas pressure detection

CEILING SUSPENDED CASSETTE TYPE

Ultra-thin with quiet operation

Thinner usually means noisier, but Daikin's exclusive technology has solved this.



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

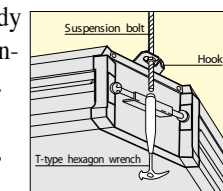
| Indoor unit | High | Low |
|-------------|------|-----|
| 71FJ | 40 | 35 |
| 100FJ | 43 | 38 |
| 125FJ | 44 | 39 |

Note: Anechoic chamber conversion value, measured according to JIS parameters and

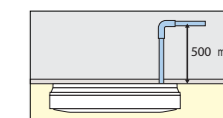
Quick and easy to install

Simple installation procedure

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

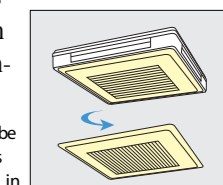


Drain pump is equipped as standard accessory with 500 mm lift.



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 wireless remote controller is in use.

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

| Feature \ Model | | Comfort | | | | | | | | | | Mould prevention | Work & Servicing | | | | | | Control features | | | | | | Others | | | | |
|-----------------|--|------------|-------------------------|---------------------------|----------------------|-----------------|--------------------------|------------------------------------|-----------|-------------------------------|----------------|--------------------------------------|--------------------------|----------------------|----------------------------|------------------|-------------|----------------------------|---------------------|-------------------------|--------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|------------------------|-------------------|--------|---|
| | | Auto-swing | Swing pattern selection | Draft prevention function | Switchable fan speed | Programme "Dry" | High ceiling application | Two selectable temperature-sensors | Hot start | Year-round cooling applicable | Timer selector | Mould resistant treatment for filter | Mould-proofing drain pan | Drain pump mechanism | Pre-charged for up to 30 m | Long-life filter | Filter sign | Low gas pressure detection | Emergency operation | Self-diagnosis function | Auto-restart | Auto-cooling/heating change-over | Control by 2 remote controllers | Control by 1 remote controller | External command control | Central remote control | Interlock control | PE fin | |
| Cooling only | | ● | ● | — | ● | ● | ● | *1 | — | *2 | ● | ● | ● | ● | *4 | ● | ● | *4 | ● | ● | ● | ● | — | ● | ● | ● | ● | ● | ● |
| Heat pump | | ● | ● | ● | ● | ● | ● | *1 | ● | *3 | ● | ● | ● | *4 | ● | ● | ● | *4 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

*1 Applicable when wired remote controller is used

*2 Applicable to R71LU-125LU outdoor units (for temp. down to -5°C)

*3 Applicable to R71LU-125LU outdoor units (for temp. down to -15°C) (An option is required.)

*4 Applicable to R(Y)71LU-125LU outdoor units

CEILING MOUNTED CASSETTE CORNER TYPE

FH(Y)K

Cooling only FH(Y)K35FV1-71F(J)V1
Heat pump FHYK35FJV1-71FJV1

Fits in ceiling corners.
Equipped for versatile
airflow control.



Sound level
41/36dB(A)
High Low
FHYK71FJ

Accessory required for indoor unit (option)
Wired LCD remote controller



BRC1C61

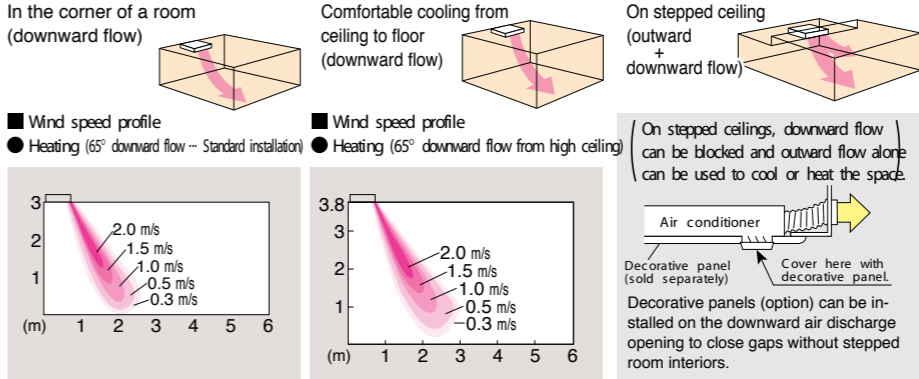
Note: Remote controller cable not included. Cables must be procured locally.

Multiple airflow variations for stepped or 3.8 m high ceilings

| | ① Downward flow | ② Downward flow + Forward flow | ③ Forward flow |
|---------------------------|-------------------------------|-------------------------------------|--|
| Airflow variation | | | |
| Auto-swing | ○ | ○ | — |
| High ceiling installation | Requires ceiling tap cutting. | Requires ceiling tap cutting. | Not suited for high ceilings because air currents do not |
| Required options | — | Air discharge grille, flexible duct | |

■ Panel spacers (option) can be installed with all three airflow variations.
■ Decoration panels (option) to hide the downward air discharge opening can be installed with variation ③ above.

Example installations



Optimal comfort and convenience assured by three air discharge modes

| Air direction | Draft prevention setting | Standard setting | Setting to prevent soiling of ceiling |
|-------------------------------------|---|--|--|
| Desired situation | When drafts are unwanted | For gentle drafts (Ceiling is soiled.) | When ceilings must be kept spotless |
| Auto-swing | Auto-swing between 0° and 65° | Auto-swing between 0° and 65° | Auto-swing between 0° and 65° |
| 5-levels air direction setting | Settable to 5 different levels between 0° and 65° | Settable to 5 different levels between 30° and 65° | Settable to 5 different levels between 40° and 65° |
| Draft prevention (In heating) model | At heating startup and thermo OFF*, air discharge is automatically set to a near horizontal 10° to prevent direct exposure to cool air drafts. | — | — |
| Auto air direction control | The air direction is set automatically to the memorised position of the previous air direction. (Initial setting is 65° for heating and 30° for cooling.) | | |

Note: Air direction is set to the standard position when the unit is shipped from the factory. The position can be changed from the remote controller.
*When the thermostat turns off.

Programme "Dry"

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

Switchable fan speed: High/Low

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

| Model | Feature | Comfort | | | | | | | Mould prevention | Work & Servicing | | | | | | | Control features | | | | | | Others | | | |
|--------------|------------|-------------------------|---------------------------|----------------------|-----------------|--------------------------|-----------|-------------------------------|------------------|--------------------------------------|----------------------|----------------------------|------------------|-------------|----------------------------|----------------------------|---------------------|-------------------------|--------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|------------------------|-------------------|--------|
| | Auto swing | Swing pattern selection | Draft prevention function | Switchable fan speed | Programme "Dry" | High ceiling application | Hot start | Year-round cooling applicable | Timer selector | Mould resistant treatment for filter | Drain pump mechanism | Pre charged for up to 30 m | Long-life filter | Filter sign | Ceiling soiling prevention | Low gas pressure detection | Emergency operation | Self-diagnosis function | Auto-restart | Auto-cooling/heating change-over | Control by 2 remote controllers | Control by 1 remote controller | External command control | Central remote control | Interlock control | PE fin |
| Cooling only | ● | ● | — | ● | ● | ● | — | *1 | ● | ● | ● | *3 | ● | ● | ● | *3 | ● | ● | ● | — | ● | ● | ● | ● | ● | ● |
| Heat pump | ● | ● | ● | ● | ● | ● | ● | *2 | ● | ● | ● | *3 | ● | ● | ● | *3 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

*1Applicable to R71LU outdoor units (for temp. down to -15°C) (An option is required.)

*2Applicable to RY71LU outdoor units (for temp. down to -5°C)

*3Applicable to R(Y)71LU outdoor units

CEILING MOUNTED CASSETTE CORNER TYPE

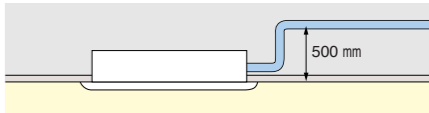
Quiet operation

| Indoor unit | High | Low |
|-------------|------|-----|
| 35F(J) | 39 | 33 |
| 45F(J) | 39 | 34 |
| 60F(J) | 41 | 36 |
| 71F(J) | 41 | 36 |

Note : Anechoic chamber conversion value, measured according to JIS parameters and

Easier to install and service

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



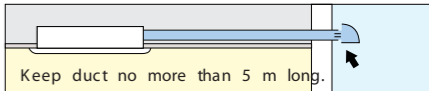
Long-life filter lasts about 1 year *
Maintenance not required

* For dust concentration of 0.15 mg/m³

Low gas pressure detection

Fresh air intake possible
(Site installation required)

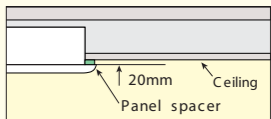
A duct can be connected to the rear of the indoor unit to draw in outdoor air.



Note: The maximum duct length for connection to the fresh air intake kit is 5 m. Connecting ducts, insect nets, fire dampers, air filters, and other parts should, as required, be

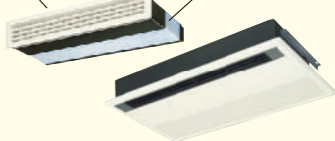
Panel spacer (option)

Use when only minimal space is available between ceilings and ceiling slabs.



Upgrade options for easy installation on stepped ceilings

Air discharge grille Flexible duct



For outward blow, detach the punch-out panel from the duct-connection port on the front of the unit.

CEILING MOUNTED

BUILT-IN TYPE

FH(Y)B

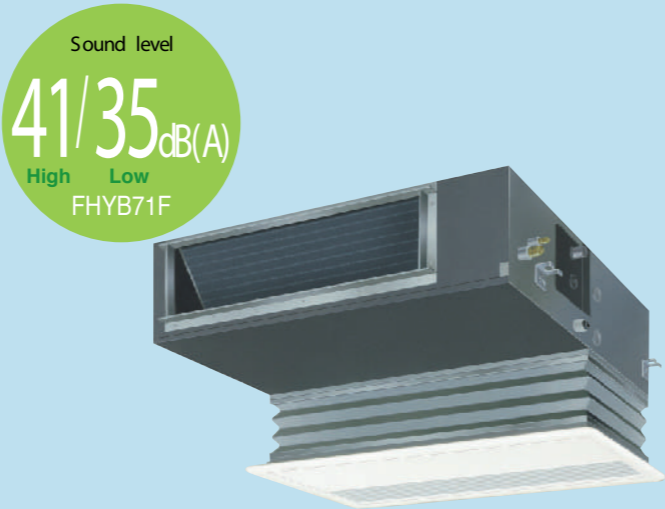
Cooling only FH(Y)B35FV1–125FV1

Heat pump FHYB35FV1–125FV1

Clever and compact

mini ducted unit provides

comfort and flexibility.



Accessory required for indoor unit (option)

Wired LCD remote controller



BRC1C61

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

Sound level

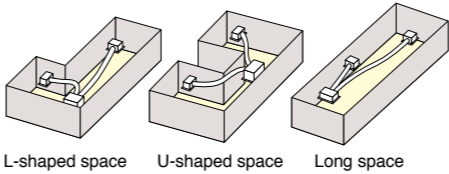
41/35_{dB(A)}

High Low

FHYB71F

Flexibly 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

| Indoor unit | dB(A) | |
|-------------|-------|-----|
| | High | Low |
| 35F | 38 | 32 |
| 45F | 39 | 34 |
| 60F | 41 | 35 |
| 71F | 41 | 35 |
| 100F | 41 | 35 |
| 125F | 44 | 38 |

Note : Anechoic chamber conversion value, measured according to JIS parameters and

Easier to maintain

Long-life filter lasts about 1 year *

Maintenance not required

* For dust concentration of 0.15 mg/m³

Low gas pressure detection

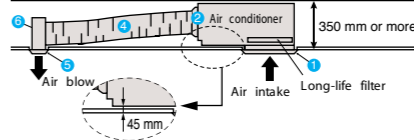
Insufficient gas charging is normally hard to detect. During post-installation trials and regular inspection procedures, the refrigerant level is monitored by microprocessor to maintain proper gas pressure.

Meets diverse of installation needs

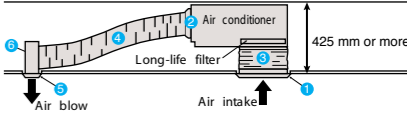
The indoor unit can be installed in rooms with as little as 350 mm between the drop ceiling and ceiling slab. It also works with both flexible and ordinary ducts.

Standard installation examples

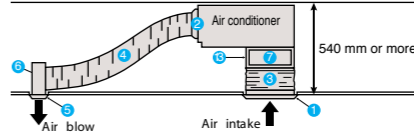
In crawl space



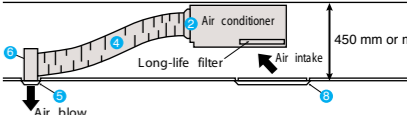
With canvas bellows and air intake panel (sold separately)



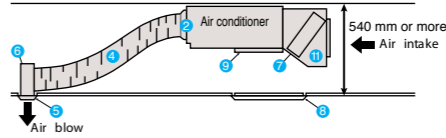
With high-efficiency filter



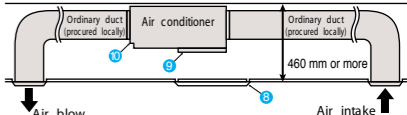
Ceiling return



Ceiling return with high-efficiency filter



With ordinary ducts



Options

- 1 Decorative panel

2 Air discharge opening adapter

3 Canvas bellows and air intake panel

4 Flexible duct

5 Air discharge grille

6 Air discharge chamber

7 High-performance filter

8 Inspection panel

9 Rear intake blocking pad

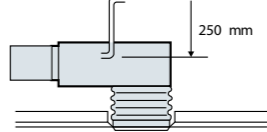
10 Air discharge opening flange

11 Rear intake filter chamber

12 Branch duct

13 Low-draft filter chamber

Drain pump is equipped as standard accessory with 250 mm lift.



Fresh air intake possible

(Custom installation required with locally procured materials)

A duct can be connected to the rear of the indoor unit to draw in outdoor air.

Note: The maximum duct length for connection to the fresh air intake kit is 5 m. Connecting ducts, insect nets, fire dampers, air filters, and other parts should, as required,

High-efficiency filter (option)

Available in two types: 65% and 90% colorimetry. This filter easily meets dust collection efficiency regulations specified in building codes.

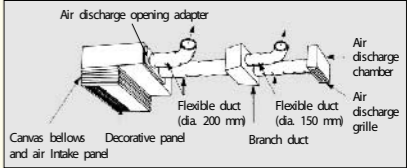
External static pressure can be set depending on duct length, presence of high-efficiency filter, and other installation conditions.

External static pressure pattern (Pa)

| Indoor unit | High | Standard | Low |
|---------------|------|----------|-----|
| 35F–71F | 78 | 39 | 20 |
| 100F and 125F | 98 | 39 | — |

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

Options have also been upgraded to make installation even easier.



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

| Feature | Comfort | | | | | Mould prevention | Work & Servicing | | | | | | | Control features | | | | | | Option | Others | |
|--------------|----------------------|-----------------|-----------|-------------------------------|----------------|--------------------------------------|----------------------|----------------------------|------------------|-------------|----------------------------|---------------------|-------------------------|------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|------------------------|-------------------|------------------------|--------|
| | Switchable fan speed | Programme "Dry" | Hot start | Year-round cooling applicable | Timer selector | Mould resistant treatment for filter | Drain pump mechanism | Pre-charged for up to 30 m | Long-life filter | Filter sign | Low gas pressure detection | Emergency operation | Self-diagnosis function | Auto-restart | Auto-cooling/heating change-over | Control by 2 remote controllers | Control by 1 remote controller | External command control | Central remote control | Interlock control | High-efficiency filter | PE fin |
| Cooling only | ● | ● | — | *1 | ● | ● | ● | *3 | ● | ● | *3 | ● | ● | ● | — | ● | ● | ● | ● | ● | ● | ● |
| Heat pump | ● | ● | ● | *2 | ● | ● | ● | *3 | ● | ● | *3 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

*1Applicable to R71LU–R125LU outdoor units (for temp. down to –15°C). (An option is required.)

*2Applicable to RY71LU–RY125LU outdoor units (for temp. down to –5°C)

*3Applicable to R(Y)71LU–125LU outdoor units