

**DAIKIN**

PCSID1424A

**SkyAir**

ROUND FLOW



AIR CONDITIONING SYSTEM  
COOLING ONLY [50Hz]

**R-410A**



# New wide lineup of SkyAir series.

## Product *Lineup*

|              |   | Series                      | 09  | 13  | 18  | 21  |  |  |
|--------------|---|-----------------------------|---|---|---|---|--|--|
|              |   | Btu/h                       | 9,200   | 13,000  | 18,000/17,700*1   | 21,000  |  |  |
|              |   | kW                          | 2.7   | 3.8   | 5.3/5.2*1   | 6.2   |  |  |
| Pair         | CEILING MOUNTED CASSETTE TYPE<br><Round Flow ><br> | Indoor unit                 |   |    |    |    |  |  |
|              |   | Outdoor unit                |   | RNQ13MV14   | RNQ18MV14   | RNQ21MV14   |  |  |
|              | CEILING SUSPENDED TYPE  | Indoor unit                 |   |    |    |    |  |  |
|              |   | Outdoor unit                |   | RNQ13MV14   | RNQ18MV14   | RNQ21MV14   |  |  |
|              | DUCT CONNECTION   | LOW STATIC PRESSURE TYPE    |   |   |     |   |  |  |
|              |   |                             | Indoor unit   | FDBNQ09MV14   | FDBNQ13MV14   | FDBNQ18MV14   | FDBNQ21MV14  |  |
|              |   | Outdoor unit                | RNQ09MV14   | RNQ13MV14   | RNQ18MV14   | RNQ21MV14   |  |  |
|              |   | MIDDLE STATIC PRESSURE TYPE |   |   |   |   |  |  |
|              |   | Indoor unit                 |   |   |   |   |  |  |
|              |   | Outdoor unit                |   |   |   |   |  |  |
| OUTDOOR UNIT |   | Outdoor unit                |  |  |  |  |  |  |






Note : \*1Applicable to FDBNQ series. \*2Applicable to FHNQ series. \*3Applicable to FDMNQ series.








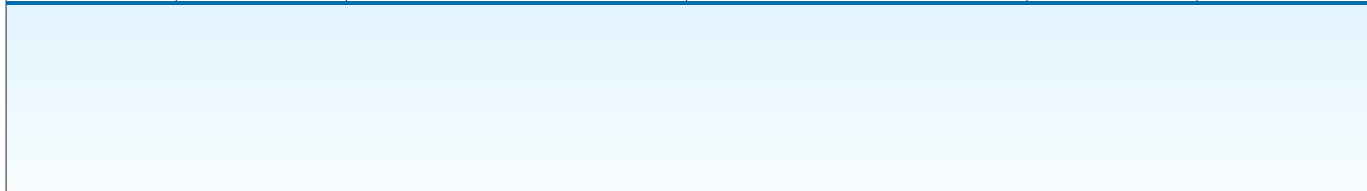
**R-410A**


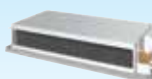
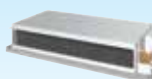
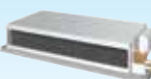
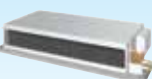
**SkyAir**







| 26     | 30     | 36              | 42                | 48     |
|--------|--------|-----------------|-------------------|--------|
| 26,000 | 30,000 | 36,000/35,000*2 | 42,600/42,000*2,3 | 48,000 |
| 7.6    | 8.8    | 10.6/10.4*2     | 12.5/12.3*2,3     | 14.1   |

|   |   |   |   |   |
|---|---|---|---|---|
|  |  |  |  |  |
| FCNQ26MV14<br>RNQ26MV14   RNQ26MY14   | FCNQ30MV14<br>RNQ30MY14   | FCNQ36MV14<br>RNQ36MY14   | FCNQ42MV14<br>RNQ42MY14   | FCNQ48MV14<br>RNQ48MY14   |

|   |   |   |   |   |
|---|---|---|---|---|
|  |  |  |  |  |
| FHNQ26MV14<br>RNQ26MV14   RNQ26MY14   | FHNQ30MV14<br>RNQ30MY14   | FHNQ36MV14<br>RNQ36MY14   | FHNQ42MV14<br>RNQ42MY14   | FHNQ48MV14<br>RNQ48MY14   |



|   |   |   |   |   |
|---|---|---|---|---|
|  |  |  |  |  |
| FDMNQ26MV14<br>RNQ26MV14   RNQ26MY14  | FDMNQ30MV14<br>RNQ30MY14  | FDMNQ36MV14<br>RNQ36MY14  | FDMNQ42MV14<br>RNQ42MY14  | FDMNQ48MV14<br>RNQ48MY14  |

|  |   |   |   |   |   |
|--|---|---|---|---|---|
|  |  |  |  |  |  |
| RNQ26MV14  | RNQ26MY14   | RNQ30MY14   | RNQ36MY14   | RNQ42MY14   | RNQ48MY14   |



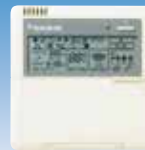
# Cassette air conditioner with 360° uniform airflow sets the standard



**Option**

Accessory required for indoor unit.

**Wired LCD remote controller**



**BRC1C61**

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

**Navigation Remote Controller**

(Wired Remote Controller)



**BRC1E62**

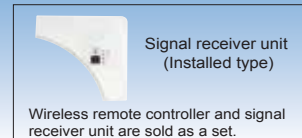
Note: Remote controller cable not included. Cables must be procured locally.

**Wireless LCD remote controller**

A signal receiver must be added to the indoor unit.



**BRC7F633F**



Signal receiver unit (Installed type)

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

**Features**

| Comfort    |                         |                               |                 | Remote controller        |                                    |                     | Cleanliness        | Work & Servicing      |                        |              |                           | Control features     |                            |                            |                  | Options     |                            |              | Others                          |                                      |                          |                        |                   |                                |                        |                        |                      |  |    |
|------------|-------------------------|-------------------------------|-----------------|--------------------------|------------------------------------|---------------------|--------------------|-----------------------|------------------------|--------------|---------------------------|----------------------|----------------------------|----------------------------|------------------|-------------|----------------------------|--------------|---------------------------------|--------------------------------------|--------------------------|------------------------|-------------------|--------------------------------|------------------------|------------------------|----------------------|--|----|
| Auto swing | Swing pattern selection | Switchable fan speed (2 step) | Programme "Dry" | High ceiling application | Two selectable temperature-sensors | Setpoint auto reset | Setpoint range set | Weekly schedule timer | Off timer (programmed) | On/Off timer | Anti-bacterial air filter | Drain pump mechanism | Pre charged for up to 15 m | Pre charged for up to 10 m | Long-life filter | Filter sign | Ceiling soiling prevention | Auto-restart | Control by 2 remote controllers | Group control by 1 remote controller | External command control | Central remote control | Interlock control | DII-NET communication standard | High-efficiency filter | Ultra long-life filter | Fresh air intake kit | Anti corrosion treated heat exchangers |    |
| ●          | ●                       | ●                             | ●               | ●                        | *1                                 | *2                  | *2                 | *2                    | *2                     | *3           | ●                         | ●                    | *4                         | *5                         | ●                | ●           | ●                          | ●            | ●                               | ●                                    | ●                        | ●                      | ●                 | ●                              | ●                      | ●                      | ●                    | ●                                      | *6 |

\*1Applicable when wired remote controller is used

\*2Applicable when BRC1E62 is used

\*3Applicable when BRC1C61 is used

\*4Applicable to RNQ30-48M outdoor units

\*5Applicable to RNQ13-26M outdoor units

\*6For the outdoor units

- Avoids uneven temperature and discomfort caused by drafts.

## Comfort enhanced by Round Flow!

- 360° airflow

- Air movement is gentle with Round Flow

### With uniform temperature distribution Enhanced Comfort



Airflow distribution  
Creates uniform comfort throughout the space



360° airflow can maintain comfort even if air discharge speed is lower.

If you raise the set temperature by 1 to 1.5°C, and velocity is decreased by 25%, you still obtain the same feeling temperature and comfort.

## Adapts easily to the installation space.

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

Typical flow patterns There are a total of 23 flow patterns.

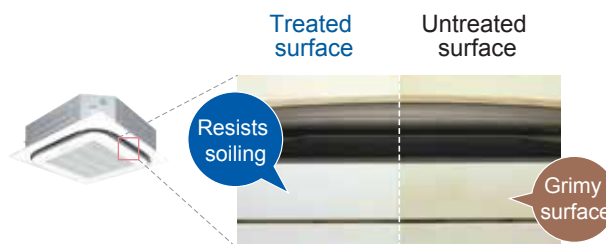
|   |  |   |  |
|---|--|---|--|
| <p>All-round flow</p> <p>(E.g., installed in middle of ceiling)<br/>4-way flow also possible.</p> | <p>3-way flow</p> <p>(E.g., installed near a wall)</p> | <p>L-shaped 2-way flow</p> <p>(E.g., installed in a corner)</p> | <p>Opposite 2-way flow</p> <p>(E.g., installed in a long room)</p> |
|---|--|---|--|

Note: Whatever the discharge direction, the same type of panel is used. If installing for other than all-round flow, an air discharge outlet sealing material (option) must be used to close each unused outlet.  
Operation sound increases when using 2-way or 3-way flow.

- Grime prevention and bactericidal coating: Make cleaning easier.

## External panels are treated with a coating that repels dirt.

- To prevent dirt sticking to the external panels, they have been coated with a surface treatment.



\* Condition after exposure to the smoke of 600 cigarettes in 1 m<sup>3</sup> enclosed space.

- Non-flocking flaps

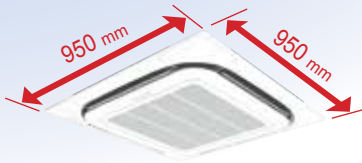
Condensation does not easily form on and dirt does not cling to non-flocking flaps. It is easy to clean.

- Filter has anti-mould and bactericidal treatment

Prevents mould and microorganisms growing out of the dust and moisture that adheres to the filters.

## Fine square panels

- Panel size is same for all models, FCNQ13-48M. It is easy to maintain a neat appearance when multiple units are installed.



Same for all models

## Compact body and quiet operation

| Indoor unit | dB(A) |     |
|-------------|-------|-----|
|             | High  | Low |
| 13/18M      | 31    | 28  |
| 21/26M      | 35    | 28  |
| 30/36M      | 43    | 32  |
| 42M         | 44    | 34  |
| 48M         | 44    | 36  |

Note : Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

## Optimal comfort and convenience assured by 2 air discharge modes

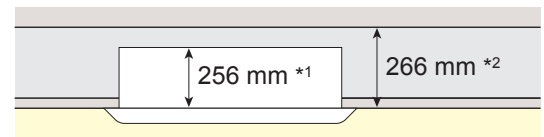
Note: Air direction is set to the standard position when the unit is shipped from the factory. The position can be changed from the remote controller.

| Air direction                  | Standard setting  | Setting to prevent soiling of ceiling*   |
|--------------------------------|---|--|
| Desired situation              | Standard position to prevent draft.   | Recommended for shops with light coloured ceilings that must be kept spotless. |
| Auto-swing                     | Auto-swing between 15° and 60°  | Auto-swing between 25° and 60°   |
| 5-levels air direction setting | Settable to 5 different levels between 15° and 60°  | Settable to 5 different levels between 25° and 60°                             |
| Auto air direction control     | The air direction is set automatically to the memorised position of the previous air direction. |  |

\*Closing of the corner discharge outlets is recommended.

## Quick and easy to install

- Just 256 mm high. Installable in tight ceiling spaces (13-26M)



\*1 298 mm high with 30-48M  
\*2 308 mm high with 30-48M

- 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 pockets.

- All models can be installed without using lifter because of the light weight.

- Suitable for high ceilings

Even in spaces with high ceilings, a comfortable airflow is carried down to the floor level.

Criteria for ceiling height and number of air discharge outlets (Ceiling height is reference value)

|                |                | Number of air discharge outlets used |            |            |            |                |            |            |            |
|----------------|----------------|--------------------------------------|------------|------------|------------|----------------|------------|------------|------------|
|                |                | 13-26M                               |            |            |            | 30-48M         |            |            |            |
|                |                | All round flow                       | 4-way flow | 3-way flow | 2-way flow | All round flow | 4-way flow | 3-way flow | 2-way flow |
| Ceiling height | Standard       | 2.7 m                                | 3.1 m      | 3.0 m      | 3.5 m      | 3.2 m          | 3.4 m      | 3.6 m      | 4.2 m      |
|                | High ceiling ① | 3.0 m                                | 3.4 m      | 3.3 m      | 3.8 m      | 3.6 m          | 3.9 m      | 4.0 m      | 4.2 m      |
|                | High ceiling ② | 3.5 m                                | 4.0 m      | 3.5 m      | —          | 4.2 m          | 4.5 m      | 4.2 m      | —          |

Note: Factory settings are for standard ceiling height and all-round flow. High ceiling settings (1) and (2) are set with the remote controller by field setting.

- 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. This feature must be set during commissioning by the technicians.

\*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.

- Switchable fan speed: High/Low

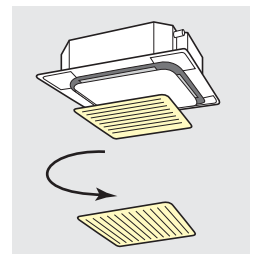
High setting provides maximum reach while low setting minimises drafts.

- On/Off timer

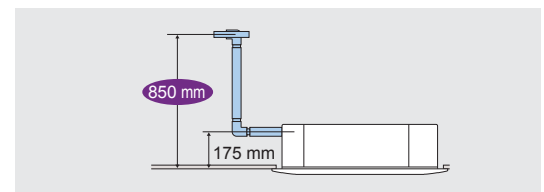
Operation starts when the preset time of the ON timer elapses and stops when the preset time of the OFF timer elapses.

- 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 850 mm lift.



- Transparent drain socket

Because the drain socket is transparent, after the drain piping has been installed, it is easy to check if the drain come out through the socket.



- Connection to a centralised control system is available without option

# Upgrade to a quiet and compact system.



FHNQ13/18/21/26/30/36/42/48MV14



Sound level  
**44/40** dB(A)  
 High Low  
 FHNQ21M  
 (220V)

**Option**

Accessory required for indoor unit.

**Wired LCD remote controller**



**BRC1NU61**

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

**Wireless LCD remote controller**

A signal receiver must be added to the indoor unit.



**BRC7NU66**

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

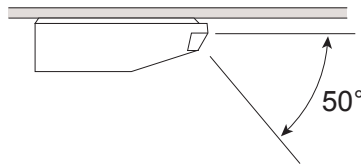
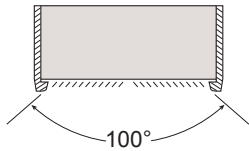
**Features**

| Comfort    |                               |                 |                          | Remote controller | Cleanliness               | Work & Servicing           |                            |                  | Control features | Others                                 |
|------------|-------------------------------|-----------------|--------------------------|-------------------|---------------------------|----------------------------|----------------------------|------------------|------------------|--|
| Auto swing | Switchable fan speed (2 step) | Programme "Dry" | High ceiling application | On/Off timer      | Anti-bacterial air filter | Pre charged for up to 15 m | Pre charged for up to 10 m | Long-life filter | Auto-restart     | Anti corrosion treated heat exchangers |
| ●          | ●                             | ●               | *1                       | ●                 | ●                         | *2                         | *3                         | ●                | ●                | *4                                     |

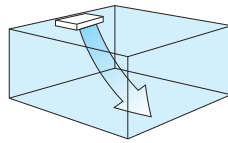
\*1Installable on max. 3.5 m high ceiling  
 \*2Applicable to RNQ30-48M outdoor units  
 \*3Applicable to RNQ13-26M outdoor units  
 \*4For the outdoor units

## Diffuses comfortable air throughout the room

- Auto-swing (up&down) brings comfort to the room.
- Wide air discharge openings produce a spreading 100° airflow
- Air is blown up to 50° in the downward direction.



- Installable on ceilings 3.5 m high



- Switchable fan speed: High/Low

- Programme "Dry"

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

## Installation flexibility for freedom of design

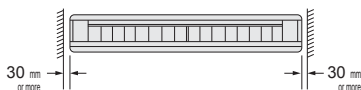
- Uniform height and depth. Compact design for small-capacity models to meet tighter dimensional constraints.

| Indoor unit | 13M | 18/21M | 26/30M | 36/42/48M |
|-------------|-----|--------|--------|-----------|
| Height      | 195 |        |        |           |
| Width       | 960 | 1,160  | 1,400  | 1,590     |
| Depth       | 680 |        |        |           |

(mm)

- Flexible installation

The unit fits more snugly into tight spaces.



\*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.

- All wiring and internal servicing can be done from under the unit

- Pipes more easily rigged

Plastic cover is used to conceal piping work holes. When piping work the cover is easily taken off, and after piping work easily attached again to conceal the holes.

## Quiet operation

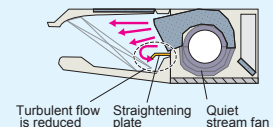
- Sound operation has been reduced on the exposed ceiling suspended type unit.

(220V) dB(A)

| Indoor unit | High | Low |
|-------------|------|-----|
| 13M         | 43   | 39  |
| 18/21M      | 44   | 40  |
| 26/30M      | 45   | 40  |
| 36/42M      | 48   | 42  |
| 48M         | 49   | 43  |

Note : Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

Uses quiet stream fan and other quiet technologies.



## Easier to maintain

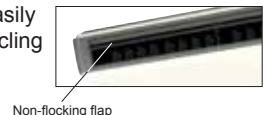
- Long-life filter lasts about 1 year\*

\* For dust concentration of 0.15 mg/m<sup>3</sup>

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-flocking flap

Condensation does not easily form on and dirt does not cling to non-flocking flap. It is easy to clean.



- 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.

## Oil resistant grille

- Oil-resistant plastic is used for the air suction grille. This satisfies 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.



# DUCT CONNECTION LOW STATIC PRESSURE TYPE

- Ideal for quiet, beautiful living spaces
- Suitable for condominiums and apartments, houses and hotels



Option Accessory required for indoor unit

**Wired LCD remote controller**

**BRC1C61**

**Navigation Remote Controller**  
(Wired Remote Controller)

**BRC1E62**

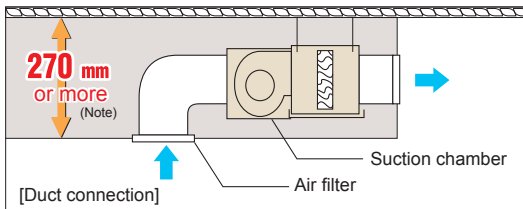
**Wireless LCD remote controller**  
A signal receiver must be added to the indoor unit.

**BRC4C64**

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

## Compact

- Small, lightweight, and easy-to-install indoor unit.



Note : 270 mm is the minimum size.  
Extra height is necessary for drain piping slope and insulation.

\* To prevent increased operation sound, avoid installing the air suction grille directly below the suction chamber.

## Quiet operation

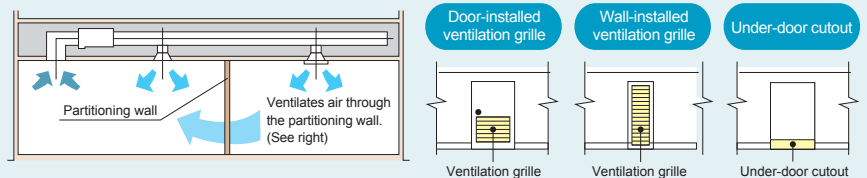
(220V) dB(A)

| Indoor unit | High | Low |
|-------------|------|-----|
| 09/13/18M   | 41   | 38  |
| 21/26M      | 43   | 40  |

## Simultaneous air conditioning of two rooms and ventilation grille (ventilation opening)

(This feature also applies to duct connection middle static pressure type.)

When air conditioning two rooms simultaneously, the air discharged into each room must be circulated back to the air conditioner. To achieve this, a ventilation duct should be installed for each room or one of the indicated ventilation grilles should be installed on the partitioning wall or under the door between the rooms.



Note: The under-door cutout method should be used only when there is a small volume of airflow.

## Features

| Comfort                       |                 |                                    | Remote controller   |                    |                       |                        |              | Work & Servicing           | Control features |                                 |                                      | Others                                 |
|-------------------------------|-----------------|------------------------------------|---------------------|--------------------|-----------------------|------------------------|--------------|----------------------------|------------------|---------------------------------|--------------------------------------|--|
| Switchable fan speed (2 step) | Programme "Dry" | Two selectable temperature-sensors | Setpoint auto reset | Setpoint range set | Weekly schedule timer | Off timer (programmed) | On/Off timer | Pre-charged for up to 10 m | Auto-restart     | Control by 2 remote controllers | Group control by 1 remote controller | Anti corrosion treated heat exchangers |
| ●                             | ●               | *1                                 | *2                  | *2                 | *2                    | *2                     | *3           | *4                         | ●                | ●                               | ●                                    | *4                                     |

\*1 Applicable when wired remote controller is used  
\*2 Applicable when BRC1E62 is used

\*3 Applicable when BRC1C61 is used  
\*4 For the outdoor units

# DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE

- Unit can be mounted in the ceiling and air can be delivered freely by duct.



**Option** Accessory required for indoor unit

**Wired LCD remote controller**  
BRC1C61

**Navigation Remote Controller**  
(Wired Remote Controller)  
BRC1E62

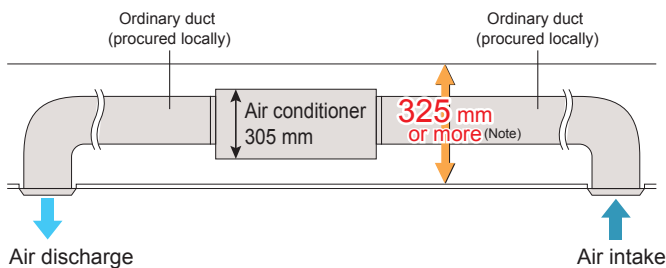
**Wireless LCD remote controller**  
A signal receiver must be added to the indoor unit.  
BRC4C64

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

Sound level  
**45/37** dB(A)  
High Low  
FDMNQ36M  
(220V)

## Freedom of layout

- The duct system allows the efficient location of discharge outlets in accordance with the room layout
- Duct connection is simpler with standard rear intake chambers



Note : 325 mm is the minimum size.  
Extra height is necessary for drain piping slope and insulation.

## Quiet operation

|             | (220V) dB(A) |     |
|-------------|--------------|-----|
| Indoor unit | High         | Low |
| 26M         | 42           | 38  |
| 30M         | 44           | 36  |
| 36M         | 45           | 37  |
| 42/48M      | 46           | 37  |

- Switchable fan speed: High/Low
- Drain pipe connection can be done inside the unit. Refrigerant and drain pipe outlets are at the same opening.

## Features

| Comfort                       |                 |                                    | Remote controller   |                    |                       |                        |              | Work & Servicing           |                            | Control features |                                 |                                      | Others                                 |
|-------------------------------|-----------------|------------------------------------|---------------------|--------------------|-----------------------|------------------------|--------------|----------------------------|----------------------------|------------------|---------------------------------|--------------------------------------|--|
| Switchable fan speed (2 step) | Programme "Dry" | Two selectable temperature-sensors | Setpoint auto reset | Setpoint range set | Weekly schedule timer | Off timer (programmed) | On/Off timer | Pre charged for up to 15 m | Pre charged for up to 10 m | Auto-restart     | Control by 2 remote controllers | Group control by 1 remote controller | Anti corrosion treated heat exchangers |
| ●                             | ●               | *1                                 | *2                  | *2                 | *2                    | *2                     | *3           | *4                         | *5                         | ●                | ●                               | ●                                    | *6                                     |

\*1 Applicable when wired remote controller is used  
\*2 Applicable when BRC1E62 is used  
\*3 Applicable when BRC1C61 is used

\*4 Applicable to RNQ30-48M outdoor units  
\*5 Applicable to RNQ26M outdoor units  
\*6 For the outdoor units



RNQ09MV14  
RNQ13MV14



RNQ18MV14  
RNQ21MV14



RNQ26MV14  
RNQ26MY14



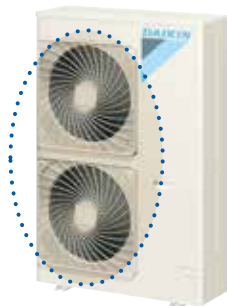
RNQ36MY14  
RNQ36MY14  
RNQ42MY14  
RNQ48MY14

## Quiet Operation

### Fitted with Super Aero Grille

(Applies to RNQ30-48M)

To suppress turbulence and achieve quiet operation, the curved ribs of the grille are optimised to meet the outflow of air.



### Equipped with scroll compressor for quiet operation

(Applies to RNQ42-48M)

Smooth running, minimal vibration, low operating sound.



### Operation sound

(In case of RNQ09-21M:220-240 V, RNQ26-36M:220 V/380 V, 240 V/415 V, RNQ42-48M:380 V, 415 V) dB(A)

| Outdoor unit        | Sound level |
|---------------------|-------------|
| RNQ09MV14           | 48          |
| RNQ13MV14           | 49          |
| RNQ18MV14           | 51          |
| RNQ21MV14           | 52          |
| RNQ26MV14/RNQ26MY14 | 54          |
| RNQ30MV14/RNQ30MY14 | 55          |
| RNQ36MV14/RNQ36MY14 | 54          |
| RNQ42MY14           | 56          |
| RNQ48MY14           | 58          |

## Installation and maintenance

### Pre charged for up to 15 metres (Applies to RNQ30-48M)

If refrigerant piping length does not exceed 10m (RNQ09-26M), 15m (RNQ30-48M), there is no need for on-site gas charging.

#### ■ Allowed refrigerant piping length and level difference

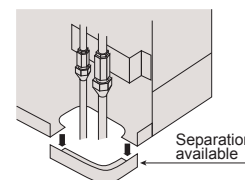
|                          | RNQ09/13M | RNQ18/21M | RNQ26M                          | RNQ30-48M                       |
|--------------------------|-----------|-----------|---------------------------------|---------------------------------|
| Pre charged <sup>1</sup> | 10 m      |           |                                 | 15 m                            |
| Max. length              | 30 m      |           | 30 m<br>(Equivalent length 50m) | 50 m<br>(Equivalent length 70m) |
| Max. level difference    | 10 m      | 15 m      | 20 m                            | 30 m                            |

Note:

<sup>1</sup>Additional refrigerant charging is required if the refrigerant pipe is longer than the length.

### 4-direction piping offers greater layout freedom (Applies to RNQ30-48M)

The outer panel for the piping connection part of the front, right side and backside can be removed and is easier for post-installation piping work.



## Durability

As the bottom frame is subject to corrosion, corrosion-proof galvarium steel plate is adopted to enhance the durability.

### Heat exchange fins provided with anti-corrosion treatment (Applies to RNQ09-26, 36-48M)





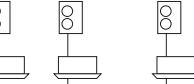
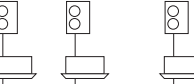


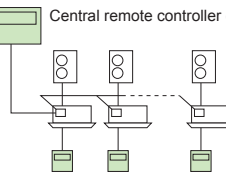
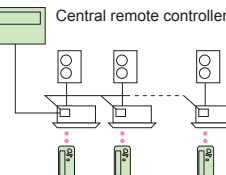
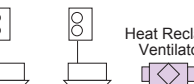
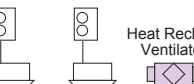
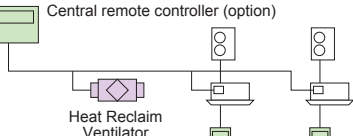
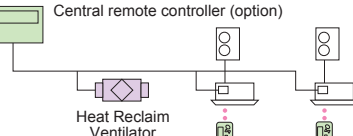
To achieve increased durability by improved resistance to salt corrosion and atmospheric pollution, Anti corrosion treated heat exchangers (with special acryl pretreatment) are used for the heat exchanger of the outdoor unit.

Construction

Non-treated fin  ← Aluminium

Anti corrosion treated heat exchangers  ← Hydrophilic film  
 ← Aluminium  
 ← Corrosion resistant acryl resin

# Simple system provides a diverse assortment of control modes.

|   | Control pattern   | Applicable model | Wired remote controller   | Wireless remote controller   |
|---|---|------------------|---|--|
| <b>Control by 1 remote controller</b>                 | (Basic system)  | FCNQ             |  <ul style="list-style-type: none"> <li>● Non-polar, double-core (max. wiring length 500 m)</li> </ul>   |  <ul style="list-style-type: none"> <li>● Signal receiver unit installed on indoor unit</li> </ul>  |
| <b>Control by 2 remote controllers</b>                | For control from 2 locations such as in room and control room, exits, etc.  | FDBNQ<br>FDMNQ   |  <ul style="list-style-type: none"> <li>● Connects 2 wired remote controllers (See note 1)</li> </ul>  |  <ul style="list-style-type: none"> <li>● Control by 1 wireless remote controller and 1 wired remote controller (See note 2, 3)</li> <li>● Signal receiver unit installed on indoor unit</li> </ul> |
| <b>Group control</b>                                  | For simultaneous control of up to 16 indoor units.  | FDMNQ            |  <ul style="list-style-type: none"> <li>● Automatic address setting function</li> </ul>  |  <ul style="list-style-type: none"> <li>● Automatic address setting function</li> <li>● Signal receiver unit installed on 1 indoor unit</li> </ul>  |
| <b>Control by external command</b>                    | Operation and surveillance is carried out using the contact signal from the operation control box in the building surveillance (security) room. |                  |  <ul style="list-style-type: none"> <li>● Optional wiring adaptor for electrical appendices is necessary</li> </ul>  |  <ul style="list-style-type: none"> <li>● Optional wiring adaptor for electrical appendices is necessary</li> </ul>   |
| <b>Centralised remote control</b>                     | Centralised control of up to 64 indoor groups from remote location up to 1 kilometer away.  | FCNQ only        |  <p>Central remote controller (option)</p>  |  <p>Central remote controller (option)</p>   |
| <b>Interlock control with Heat Reclaim Ventilator</b> | Link by remote controller group control.  |                  |  <ul style="list-style-type: none"> <li>● Can be operated simultaneously or independently by remote controller (set by ventilation mode)</li> </ul>  |  <ul style="list-style-type: none"> <li>● Can be operated simultaneously by remote controller (set by ventilation mode)</li> </ul>  |
|   | Zone link control by centralised control.   |                  |  <p>Central remote controller (option)</p> <ul style="list-style-type: none"> <li>● Heat Reclaim Ventilator for indoor units within a zone are operated by interlocking Can also be operated independently by remote controller.</li> </ul> |  <p>Central remote controller (option)</p> <ul style="list-style-type: none"> <li>● Heat Reclaim Ventilator for indoor units within a zone are operated by interlocking</li> </ul>                |

Note: \*BRC1E62 can connect to BRC1E62 only.  
 †It is not possible to use two wireless remote controllers.  
 ‡BRC1E62 cannot connect to wireless remote controller.

## Easily adaptable to large-scale, high-function, centralised remote control system.

FCNQ series only



### Central remote controller

DCS302CA61 (Option)



Centralised control, with setting as simple as it is with a standard remote controller, of up to 64 groups (1,024 indoor units) is possible.

### Unified on/off controller

DCS301BA61 (Option)



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

### Schedule timer

DST301BA61 (Option)



Unified control of weekly schedule for up to 1,024 indoor units. Schedule timer sets on/off time in 1 minute units to be executed twice a day for a week at a time.

### Intelligent Controller

DCS601C51 (Option)



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

# Easy-to-read LCD remote controller allows various system

Remote controller options are shown on the page introducing each indoor unit model.

## Navigation Remote Controller (Wired Remote Controller BRC1E62)

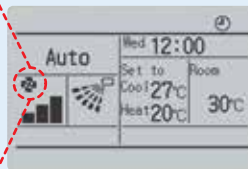
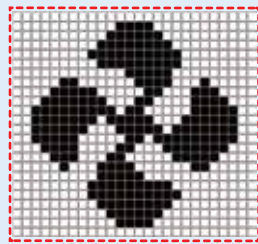
**NEW**



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

### Clear Display

**Dot matrix display**  
A combination of fine dots enables various icons. Large text display is easy to see.



**Backlight display**

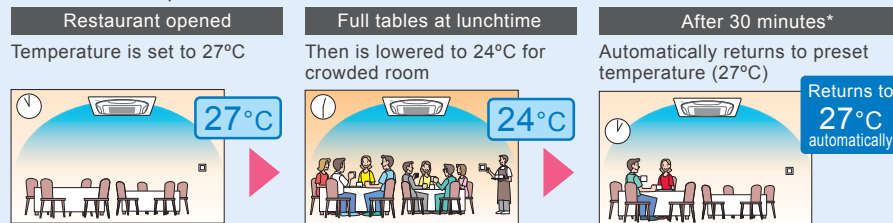


### Energy saving

**NEW** Setpoint auto reset

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

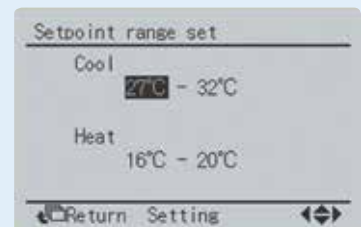
Restaurant sample



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

**NEW** Setpoint range set

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



**Off timer (programmed)**

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

### Convenience

**Weekly schedule**

- 5 actions per day can be scheduled for each day of the week.
- The holiday function will disable schedule timer for the days that have been set as holiday.

**NEW** - 3 independent schedules can be set. (e.g. summer, winter, mid-season)

| Schedule nr 1 |       |     |      |      |
|---------------|-------|-----|------|------|
|               | Time  | Act | Cool | Heat |
| Mon           | 8:30  | ON  | 25°C | —    |
|               | 10:00 | OFF | —°C  | —°C  |
|               | 13:00 | ON  | 25°C | —    |
|               | 15:00 | OFF | —°C  | —°C  |

**Multilingual display**

Display is available in 11 languages.

(English, German, French, Spanish, Italian, Portuguese, Greek, Dutch, Russian, Turkish, and Polish).

# control configurations and can control multiple indoor units.

## Wired LCD remote controller

Easy to read because of large LCD screen.



**BRC1C61**

- The rubber switch and the oil-resistant plastic casing are adopted for durability.
- Only 17 mm thick. Can be installed either recessed or exposed.

### Wired remote controller has built-in temperature-sensor

(Applies to wired remote controllers (BRC1C61/1E62))

- Enables temperature sensing closer to target area for improved comfort. (When using remote control from another room, temperature-sensor in indoor unit's air inlet must be selected.)

### Facilitates maintenance and repair

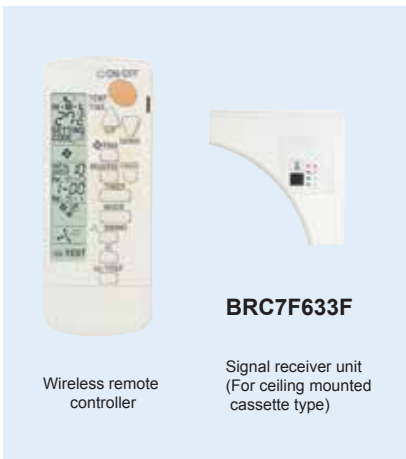
- All initial settings can be set from the remote controller. After interior construction is complete, ceiling mounted cassette type can be remotely set without having to use stepladder access for manual setting.

Setting contents: High ceiling use, air direction, filter type, address for centralised control (group control address is set automatically).

- Remote controller is equipped with model name and failure display functions. This facilitates service in the unlikely event of a malfunction.

(Applies to wired remote controller (BRC1E62))

## LCD wireless remote controller



**BRC7F633F**

Wireless remote controller

Signal receiver unit  
(For ceiling mounted cassette type)

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

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

Ceiling mounted cassette type shares common control with Heat Reclaim Ventilator and the other Daikin air-conditioning units, thus simplifying interlocking operations.

- Easily adaptable to large-scale, high-function, centralised remote control systems. Installing and connecting control wiring between SkyAir and other Daikin air-conditioning equipment is easy.

## Wireless remote controller for each indoor unit type

|   |           |
|---|-----------|
| CEILING MOUNTED CASSETTE TYPE               | BRC7F633F |
| CEILING SUSPENDED TYPE                      | BRC7NU66  |
| DUCT CONNECTION LOW STATIC PRESSURE TYPE    | BRC4C64   |
| DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE | BRC4C64   |

## LCD panel shows operating status in letters, numbers, and motion.

### Airflow / swing display

Displays auto-swing operating status and setting position of air discharge angle.

### Preset temperature / operation mode display

Displays preset room temperature and operating status (fan, dry, cool).

### Programming time display

Operation start and stop time can be set for individual timers up to 72 hours. The LCD also shows when it is time to clean the filter, when changeover is under centralised control, and ventilation/cleaning.

### Self-diagnosis function

Monitors operating status within the system covering 40 items, and displays a message to indicate as soon as a malfunction occurs.

# Abundance of functions that provide comfortable air-conditioning in stores and offices.

• Note: Some features only available on selected models. See model pages for full list of features applicable to each unit.

## Comfort

### Auto-swing

Delivers comfortable air-conditioning to all areas, near to and far from the air-conditioner.

■ The air flow direction can be fixed at your desired angle by the remote controller.

### Swing pattern selection

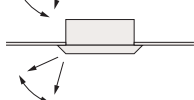
(standard, ceiling soiling prevention)

You can freely set 2 air discharge settings by remote controller.

(1) Standard setting



(2) Ceiling soiling prevention setting



### Switchable fan speed

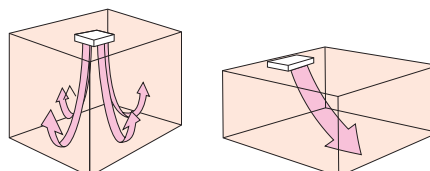
High setting provides maximum reach while low setting minimises drafts.

### Programme "Dry"

Dehumidification is microprocessor controlled to prevent abrupt and uncomfortable changes in air temperature. Useful for reducing uncomfortable humidity without uncomfortable cooling of the room.

### High-ceiling application

Delivers air-conditioning comfort all the way down to the floor in air-conditioning zones with high ceilings.

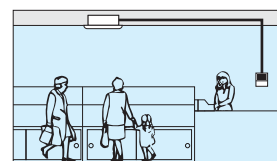


Note: When units are installed on high ceilings, depending on the model, various restrictions concerning maximum height, air discharge direction, and choice of options may apply.

### Two selectable temperature-sensors

Temperature-sensors are included in the indoor unit and optional wired remote controller. Temperature sensing closer to target area is possible to further increase the comfort level.

- Use the temperature-sensor in the indoor unit when controlling air conditioning from another room.



Note: Wireless remote controllers have no temperature-sensor.

## Remote Controller

### Setpoint auto reset

Even if the set temperature is changed, it returns to the preset temperature after a preset period of time.

### Setpoint range set

Saves energy by limiting the minimum and maximum set temperatures. Avoids excessive heating and cooling.

### Weekly schedule timer

Up to five operation ON/OFF settings can be programmed per day for each day of the week. Not only can the time be set for the operation ON setting, but also the temperature.

### Off timer (programmed)

Sets and saves setting for an increment of time that automatically turns off air conditioner after a preset period of time for each time operation starts.

### On/Off timer

Operation starts when the preset time of the ON timer elapses and stops when the preset time of the OFF timer elapses.

## Cleanliness

### Anti-bacterial air filter

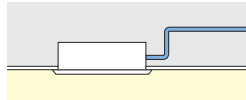
The Air filter has a anti-bacterial treatment to help prevent the growth of bacteria and mould on it.

• Note: Some features only available on selected models. See model pages for full list of features applicable to each unit.

## Work and Servicing

### ■ Drain pump mechanism

Steeper gradient realises more efficient condensate drainage. High-lift is especially useful for long lengths of drain piping.



### ■ Pre charged for up to 15 metres

If refrigerant piping length does not exceed 15 m, there is no need for on-site gas charging.

\*Applicable to RNQ30-48M.  
RNQ09-26M : 10 m

### ■ Long-life filter

Maintenance is not required for one year. The filter is washable and can be reused.

### ■ Filter sign

The filter sign warns you when it is time to clean the filter.

\*When using a wired remote controller the sign is displayed in the LCD. When using a wireless remote controller the filter sign lamp illuminates on the signal receiver unit.

### ■ Ceiling soiling prevention function

Daikin's innovative air discharge mechanism keeps airflow away from the ceiling. Ceiling cleaning is less frequently required.

## Control features

### ■ Auto-restart

If there is a power outage while the equipment is operating, operations will restart in the same mode as before the power cut when electricity is restored.

### ■ Control by 2 remote controllers

Using 2 remote controllers you can operate the equipment locally or from a remote location.

Note: When a wireless remote controller is used, remote control by two remote controllers is not possible.

### ■ Group control by 1 remote controller

You can turn up to 16 indoor units on/off with a single remote controller. (When using connected indoor units, the settings must all be the same and on/off will be simultaneous.)

### ■ External command control

Operation and surveillance is carried out using the contact signal from the operation control box in the building surveillance (security) room.

\*An option is required.

### ■ Central remote control

Optional central remote controller enables centralised control of up to 1024 indoor units (64 groups) from up to 1 kilometer away.

### ■ Interlock control

Enables interlocking control with external equipment such as Heat Reclaim Ventilator.

### ■ DIII-NET communication standard

Standardly equipped interface enables connection to centralised control system without need of an adaptor.

## Options

### ■ High-efficiency filter unit

Two types are available: 65% and 90% colorimetry.

### ■ Ultra long-life filter

Requires no maintenance for about 4 years\* (10,000h) in stores and offices.

\*For dust concentration of 0.15 mg/m<sup>3</sup>

### ■ Fresh-air intake kit

You can provide air-conditioning with fresh air from outside. Convenient for places where a ventilation fan cannot be installed.

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.

## Others

### ■ Anti corrosion treated heat exchangers

To achieve increased durability by improved resistance to salt corrosion and atmospheric pollution, coated Anti corrosion treated heat exchangers (with special acryl pretreatment) are used for the heat exchanger of the outdoor unit. In high corrosive areas, regular maintenance needs to be carried out.



# SPECIFICATIONS



## CEILING MOUNTED CASSETTE TYPE

|                                    |                                |                  | 13                         | 18                              | 21                        | 26                        | 30                           | 36                              | 42                        | 48                        |                           |
|------------------------------------|--------------------------------|------------------|----------------------------|---------------------------------|---------------------------|---------------------------|------------------------------|---------------------------------|---------------------------|---------------------------|---------------------------|
| Model Name                         | Indoor unit                    |                  | FCNQ13MV14                 | FCNQ18MV14                      | FCNQ21MV14                | FCNQ26MV14                | FCNQ30MV14                   | FCNQ36MV14                      | FCNQ42MV14                | FCNQ48MV14                |                           |
|                                    | Outdoor unit                   |                  | V14<br>RNQ13MV14           | V14<br>RNQ18MV14                | V14<br>RNQ21MV14          | V14<br>RNQ26MV14          | V14<br>RNQ30MY14             | V14<br>RNQ36MY14                | V14<br>RNQ42MY14          | V14<br>RNQ48MY14          | V14<br>RNQ48MY14          |
| Power supply                       | Outdoor unit                   |                  | 1 Phase, 220-240 V, 50 Hz  |                                 |                           |                           | 3 Phase, 380-415 V, 50 Hz    |                                 |                           |                           |                           |
|                                    |                                |                  | Y14                        | Y14                             | Y14                       | Y14                       | Y14                          | Y14                             | Y14                       | Y14                       | Y14                       |
| Cooling capacity <sup>1,2</sup>    |                                |                  | kW                         | 3.8                             | 5.3                       | 6.2                       | 7.6                          | 8.8                             | 10.6                      | 12.5                      | 14.1                      |
|                                    |                                |                  | Btu/h                      | 13,000                          | 18,000                    | 21,000                    | 26,000                       | 30,000                          | 36,000                    | 42,600                    | 48,000                    |
| Power consumption                  |                                |                  | Cooling <sup>1</sup>       | kW                              | 1.24                      | 1.89                      | 2.21                         | 2.53                            | 2.73                      | 3.31                      | 4.15                      |
| COP                                |                                |                  | W/W                        | 3.07                            | 2.80                      | 2.80                      | 3.00                         | 3.22                            | 3.20                      | 3.01                      | 2.80                      |
| Indoor unit                        | Colour                         |                  | Fresh white                |                                 |                           |                           |                              |                                 |                           |                           |                           |
|                                    | Unit Decoration panel          |                  |                            |                                 |                           |                           |                              |                                 |                           |                           |                           |
|                                    | Airflow rate (H/L)             |                  | m <sup>3</sup> /min        | 13/10                           |                           | 21/13.5                   |                              | 32/20                           |                           | 33/22.5                   |                           |
|                                    |                                |                  | cfm                        | 459/353                         |                           | 741/477                   |                              | 1,130/706                       |                           | 1,165/794                 |                           |
|                                    | Sound level (H/L) <sup>3</sup> |                  | dB(A)                      | 31/28                           |                           | 35/28                     |                              | 43/32                           |                           | 44/34                     |                           |
|                                    | Dimensions (H×W×D)             |                  | Unit                       | 256×840×840                     |                           |                           |                              | 298×840×840                     |                           |                           |                           |
|                                    |                                |                  | Decoration panel           | 50×950×950                      |                           |                           |                              |                                 |                           |                           |                           |
|                                    | Machine weight                 |                  | Unit                       | 19.5                            |                           | 21                        |                              | 24                              |                           |                           |                           |
|                                    |                                | Decoration panel | 5.5                        |                                 |                           |                           |                              |                                 |                           |                           |                           |
| Certified Operation range          |                                |                  | °CWB                       | 14 to 23                        |                           |                           | 14 to 25                     |                                 |                           |                           |                           |
| Outdoor unit                       | Colour                         |                  | Ivory white                |                                 |                           |                           |                              |                                 |                           |                           |                           |
|                                    | Compressor                     |                  | Type                       | Hermetically sealed rotary type |                           |                           |                              | Hermetically sealed scroll type |                           |                           |                           |
|                                    |                                |                  | Motor output               | kW                              | 0.9                       | 1.4                       | 1.8                          | 2.2                             | 2.7                       | 3.75                      | 4.5                       |
|                                    | Refrigerant charge (R-410A)    |                  | kg                         | 1.2<br>(Charged for 10 m)       | 1.4<br>(Charged for 10 m) | 1.5<br>(Charged for 10 m) | 2.0<br>(Charged for 10 m)    | 1.9<br>(Charged for 15 m)       | 3.2<br>(Charged for 15 m) | 2.7<br>(Charged for 15 m) | 3.2<br>(Charged for 15 m) |
|                                    | Sound level <sup>3</sup>       |                  | dB(A)                      | 49                              | 51                        | 52                        | 54                           | 55                              | 54                        | 56                        | 58                        |
|                                    | Dimensions (H×W×D)             |                  | mm                         | 550×765×285                     | 595×845×300               |                           | 735×825×300                  | 990×940×320                     | 1,345×900×320             |                           |                           |
|                                    | Machine weight                 |                  | V14<br>Y14                 | kg                              | 36                        | 40                        | 49                           | 56                              | 74                        | 103                       | 107                       |
|                                    |                                |                  | kg                         | —                               | —                         | —                         | 56                           | 74                              | 103                       | 107                       | 111                       |
| Certified Operation range          |                                |                  | °CDB                       | 19.4 to 46                      |                           |                           | 21 to 46                     |                                 |                           |                           |                           |
| Piping connections                 | Liquid (Flare)                 |                  | mm                         | ø6.4                            |                           |                           | ø9.5                         |                                 |                           |                           |                           |
|                                    | Gas (Flare)                    |                  | mm                         | ø12.7                           |                           |                           | ø15.9                        |                                 |                           |                           |                           |
|                                    | Drain                          |                  | Indoor unit                | VP25 (I.D.ø25×O.D.ø32)          |                           |                           |                              |                                 |                           |                           |                           |
|                                    |                                |                  | Outdoor unit               | ø18.0 (Hole)                    |                           |                           |                              | ø26.0 (Hole)                    |                           |                           |                           |
| Max. interunit piping length       |                                |                  | m                          | 30                              |                           |                           | 30<br>(Equivalent length 50) | 50<br>(Equivalent length 70)    |                           |                           |                           |
| Max. installation level difference |                                |                  | m                          | 10                              | 15                        |                           | 20                           | 30                              |                           |                           |                           |
| Heat insulation                    |                                |                  | Both liquid and gas piping |                                 |                           |                           |                              |                                 |                           |                           |                           |



## CEILING SUSPENDED TYPE

|                                    |  |              | 13                              | 18                        | 21                        | 26                        | 30                              | 36                           | 42                        | 48                        |                     |
|------------------------------------|--|--------------|---------------------------------|---------------------------|---------------------------|---------------------------|---------------------------------|------------------------------|---------------------------|---------------------------|---------------------|
| Model Name                         | Indoor unit                            |              | FHNQ13MV14                      | FHNQ18MV14                | FHNQ21MV14                | FHNQ26MV14                | FHNQ30MV14                      | FHNQ36MV14                   | FHNQ42MV14                | FHNQ48MV14                |                     |
|                                    | Outdoor unit                           |              | V14<br>RNQ13MV14                | V14<br>RNQ18MV14          | V14<br>RNQ21MV14          | V14<br>RNQ26MV14          | V14<br>RNQ30MY14                | V14<br>RNQ36MY14             | V14<br>RNQ42MY14          | V14<br>RNQ48MY14          | V14<br>RNQ48MY14    |
| Power supply                       | Outdoor unit                           |              | 1 Phase, 220-240 V, 50 Hz       |                           |                           |                           | 3 Phase, 380-415 V, 50 Hz       |                              |                           |                           |                     |
|                                    |  |              | Y14                             | Y14                       | Y14                       | Y14                       | Y14                             | Y14                          | Y14                       | Y14                       | Y14                 |
| Cooling capacity <sup>1,2</sup>    |  |              | kW                              | 3.8                       | 5.3                       | 6.2                       | 7.6                             | 8.8                          | 10.4                      | 12.3                      | 14.1                |
|                                    |  |              | Btu/h                           | 13,000                    | 18,000                    | 21,000                    | 26,000                          | 30,000                       | 35,000                    | 42,000                    | 48,000              |
| Power consumption                  |  |              | Cooling <sup>1</sup>            | kW                        | 1.58                      | 2.04                      | 2.38                            | 2.65                         | 3.07                      | 3.64                      | 4.51                |
| COP                                |  |              | W/W                             | 2.40                      | 2.60                      | 2.60                      | 2.87                            | 2.86                         | 2.73                      | 2.56                      |                     |
| Indoor unit                        | Colour                                 |              | White                           |                           |                           |                           |                                 |                              |                           |                           |                     |
|                                    | Airflow rate (H/L)                     |              | m <sup>3</sup> /min             | 16/-                      | 22-23/19-20               |                           | 26-27/22-23                     |                              | 38-40/23-25               |                           | 42-44/24-26         |
|                                    |  |              | cfm                             | 565/-                     | 777-812/671-706           |                           | 918-953/777-812                 |                              | 1,341-1,412/812-883       |                           | 1,483-1,553/847-918 |
|                                    | Sound level (H/L) (220 V) <sup>3</sup> |              | dB(A)                           | 43/39                     | 44/40                     |                           | 45/40                           |                              | 48/42                     |                           | 49/43               |
|                                    | Dimensions (H×W×D)                     |              | mm                              | 195×960×680               | 195×1,160×680             |                           | 195×1,400×680                   |                              | 195×1,590×680             |                           |                     |
|                                    | Machine weight                         |              | kg                              | 24                        | 26                        |                           | 32                              |                              | 35                        |                           |                     |
|                                    | Certified operation range              |              |                                 | °CWB                      | 14 to 23                  |                           |                                 | 14 to 25                     |                           |                           |                     |
|                                    | Outdoor unit                           | Colour       |                                 | Ivory white               |                           |                           |                                 |                              |                           |                           |                     |
| Compressor                         |  | Type         | Hermetically sealed rotary type |                           |                           |                           | Hermetically sealed scroll type |                              |                           |                           |                     |
|                                    |  | Motor output | kW                              | 0.9                       | 1.4                       | 1.8                       | 2.2                             | 2.7                          | 3.75                      | 4.5                       |                     |
| Refrigerant charge (R-410A)        |  | kg           | 1.2<br>(Charged for 10 m)       | 1.4<br>(Charged for 10 m) | 1.5<br>(Charged for 10 m) | 2.0<br>(Charged for 10 m) | 1.9<br>(Charged for 15 m)       | 3.2<br>(Charged for 15 m)    | 2.7<br>(Charged for 15 m) | 3.2<br>(Charged for 15 m) |                     |
| Sound level <sup>3</sup>           |  | dB(A)        | 49                              | 51                        | 52                        | 54                        | 55                              | 54                           | 56                        | 58                        |                     |
| Dimensions (H×W×D)                 |  | mm           | 550×765×285                     | 595×845×300               |                           | 735×825×300               | 990×940×320                     | 1,345×900×320                |                           |                           |                     |
| Machine weight                     |  | V14<br>Y14   | kg                              | 36                        | 40                        | 49                        | 56                              | 74                           | 103                       | 107                       |                     |
|                                    |  | kg           | —                               | —                         | —                         | 56                        | 74                              | 103                          | 107                       | 111                       |                     |
| Certified operation range          |  |              | °CDB                            | 19.4 to 46                |                           |                           | 21 to 46                        |                              |                           |                           |                     |
| Piping connections                 | Liquid (Flare)                         |              | mm                              | ø6.4                      |                           |                           | ø9.5                            |                              |                           |                           |                     |
|                                    | Gas (Flare)                            |              | mm                              | ø12.7                     |                           |                           | ø15.9                           |                              |                           |                           |                     |
|                                    | Drain                                  |              | Indoor unit                     | VP20 (I.D.ø20×O.D.ø26)    |                           |                           |                                 |                              |                           |                           |                     |
|                                    |  |              | Outdoor unit                    | ø18.0 (Hole)              |                           |                           |                                 | ø26.0 (Hole)                 |                           |                           |                     |
| Max. interunit piping length       |  |              | m                               | 30                        |                           |                           | 30<br>(Equivalent length 50)    | 50<br>(Equivalent length 70) |                           |                           |                     |
| Max. installation level difference |  |              | m                               | 10                        | 15                        |                           | 20                              | 30                           |                           |                           |                     |
| Heat insulation                    |  |              | Both liquid and gas piping      |                           |                           |                           |                                 |                              |                           |                           |                     |

Note :

<sup>1</sup>Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB. Equiv. refrigeration piping, 7.5 m (horizontal).

<sup>2</sup>Capacities are net, including a deduction for cooling for indoor fan motor heat.

<sup>3</sup>Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

## DUCT CONNECTION LOW STATIC PRESSURE TYPE



|                                    |   |                                 | 09                              | 13                        | 18                        | 21                        |                           |
|------------------------------------|---|---------------------------------|---------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Model Name                         | Indoor unit                                 |                                 | FDBNQ9MV14                      | FDBNQ13MV14               | FDBNQ18MV14               | FDBNQ21MV14               |                           |
|                                    | Outdoor unit                                | V14                             | RNQ09MV14                       | RNQ13MV14                 | RNQ18MV14                 | RNQ21MV14                 |                           |
|                                    |   | Y14                             | —                               | —                         | —                         |                           |                           |
| Power supply                       | Outdoor unit                                |                                 | 1 Phase, 220–240 V, 50 Hz       |                           |                           |                           |                           |
| Cooling capacity <sup>1,2</sup>    |   |                                 | kW                              | 2.7                       | 3.8                       | 5.2                       | 6.2                       |
|                                    |   |                                 | Btu/h                           | 9,200                     | 13,000                    | 17,700                    | 21,000                    |
| Power consumption                  | Cooling <sup>1</sup>                        |                                 | kW                              | 0.86                      | 1.28                      | 2.06                      | 2.38                      |
| COP                                |   |                                 | WW                              | 3.14                      | 2.97                      | 2.52                      | 2.60                      |
| Indoor unit                        | Colour                                      |                                 | —                               |                           |                           |                           |                           |
|                                    | Fan   | Airflow rate (H/L) <sup>3</sup> | m <sup>3</sup> /min             | 13/11                     |                           |                           | 18/15                     |
|                                    |   |                                 | cfm                             | 459/388                   |                           |                           | 635/530                   |
|                                    | Rated external static pressure <sup>3</sup> |                                 | mmH <sub>2</sub> O              | 2.0                       |                           |                           |                           |
|                                    | Sound level (H/L) (220 V) <sup>4</sup>      |                                 | dB(A)                           | 41/38                     |                           |                           | 43/40                     |
|                                    | Dimensions (H×W×D)                          |                                 | mm                              | 260×900×580               |                           |                           | 260×1,300×580             |
|                                    | Machine weight                              |                                 | kg                              | 25                        |                           |                           | 32                        |
| Certified Operation range          |   | °CWB                            | 14 to 23                        |                           |                           |                           |                           |
| Outdoor unit                       | Colour                                      |                                 | Ivory white                     |                           |                           |                           |                           |
|                                    | Compressor                                  | Type                            | Hermetically sealed rotary type |                           |                           |                           |                           |
|                                    |   | Motor output                    | kW                              | 0.65                      | 0.9                       | 1.4                       | 1.8                       |
|                                    | Refrigerant charge (R-410A)                 |                                 | kg                              | 0.9<br>(Charged for 10 m) | 1.2<br>(Charged for 10 m) | 1.4<br>(Charged for 10 m) | 1.5<br>(Charged for 10 m) |
|                                    | Sound level <sup>4</sup>                    |                                 | dB(A)                           | 48                        | 49                        | 51                        | 52                        |
|                                    | Dimensions (H×W×D)                          |                                 | mm                              | 550×765×285               |                           |                           | 595×845×300               |
|                                    | Machine weight                              | V14                             | kg                              | 35                        | 36                        | 40                        | 49                        |
| Y14                                |   | kg                              | —                               | —                         | —                         | —                         |                           |
| Certified Operation range          |   | °CDB                            | 19.4 to 46                      |                           |                           |                           |                           |
| Piping connections                 | Liquid (Flare)                              |                                 | mm                              |                           |                           |                           |                           |
|                                    | Gas (Flare)                                 |                                 | mm                              |                           |                           |                           |                           |
|                                    | Drain                                       | Indoor unit                     | mm                              |                           |                           |                           |                           |
| Outdoor unit                       |   | mm                              |                                 |                           |                           |                           |                           |
| Max. interunit piping length       |   | m                               | 30                              |                           |                           |                           |                           |
| Max. installation level difference |   | m                               | 10                              |                           |                           | 15                        |                           |
| Heat insulation                    |   | Both liquid and gas piping      |                                 |                           |                           |                           |                           |



## DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE

|                                    |   |                               | 26                              | 30                        | 36                        | 42                              | 48                        |                           |               |
|------------------------------------|---|-------------------------------|---------------------------------|---------------------------|---------------------------|---------------------------------|---------------------------|---------------------------|---------------|
| Model Name                         | Indoor unit                                 |                               | FDMNQ26MV14                     | FDMNQ30MV14               | FDMNQ36MV14               | FDMNQ42MV14                     | FDMNQ48MV14               |                           |               |
|                                    | Outdoor unit                                | V14                           | RNQ26MV14                       | —                         | —                         | —                               | —                         |                           |               |
|                                    |   | Y14                           | RNQ26MY14                       | RNQ30MY14                 | RNQ36MY14                 | RNQ42MY14                       | RNQ48MY14                 |                           |               |
| Power supply                       | Outdoor unit                                |                               | V14                             | 1 Phase, 220–240 V, 50 Hz |                           |                                 | —                         |                           |               |
|                                    |   | Y14                           | 3 Phase, 380–415 V, 50 Hz       |                           |                           |                                 |                           |                           |               |
| Cooling capacity <sup>1,2</sup>    |   |                               | kW                              | 7.6                       | 8.8                       | 10.6                            | 12.3                      | 14.1                      |               |
|                                    |   |                               | Btu/h                           | 26,000                    | 30,000                    | 36,000                          | 42,000                    | 48,000                    |               |
| Power consumption                  | Cooling <sup>1</sup>                        |                               | kW                              | 2.62                      | 3.03                      | 3.53                            | 4.49                      | 5.56                      |               |
| COP                                |   |                               | WW                              | 2.90                      | 2.90                      | 3.00                            | 2.74                      | 2.54                      |               |
| Indoor unit                        | Colour                                      |                               | —                               |                           |                           |                                 |                           |                           |               |
|                                    | Fan   | Airflow rate (H) <sup>3</sup> | m <sup>3</sup> /min             | 23                        |                           |                                 | 37                        | 42                        |               |
|                                    |   |                               | cfm                             | 812                       |                           |                                 | 1,306                     | 1,483                     |               |
|                                    | Rated external static pressure <sup>3</sup> |                               | mmH <sub>2</sub> O              | 8.5                       |                           |                                 |                           |                           |               |
|                                    | Sound level (H/L) (220 V) <sup>4</sup>      |                               | dB(A)                           | 42/38                     |                           |                                 | 44/36                     | 45/37                     | 46/37         |
|                                    | Dimensions (H×W×D)                          |                               | mm                              | 305×1,350×680             |                           |                                 | 305×1,550×680             |                           |               |
|                                    | Machine weight                              |                               | kg                              | 43                        |                           |                                 | 52                        |                           |               |
| Certified Operation range          |   | °CWB                          | 14 to 25                        |                           |                           |                                 |                           |                           |               |
| Outdoor unit                       | Colour                                      |                               | Ivory white                     |                           |                           |                                 |                           |                           |               |
|                                    | Compressor                                  | Type                          | Hermetically sealed rotary type |                           |                           | Hermetically sealed scroll type |                           |                           |               |
|                                    |   | Motor output                  | kW                              | 2.2                       |                           |                                 | 2.7                       | 3.75                      | 4.5           |
|                                    | Refrigerant charge (R-410A)                 |                               | kg                              | 2.0<br>(Charged for 10 m) | 1.9<br>(Charged for 15 m) | 3.2<br>(Charged for 15 m)       | 2.7<br>(Charged for 15 m) | 3.2<br>(Charged for 15 m) |               |
|                                    | Sound level <sup>4</sup>                    |                               | dB(A)                           | 54                        | 55                        | 54                              | 56                        | 58                        |               |
|                                    | Dimensions (H×W×D)                          |                               | mm                              | 735×825×300               |                           |                                 | 990×940×320               |                           | 1,345×900×320 |
|                                    | Machine weight                              | V14                           | kg                              | 56                        |                           |                                 | —                         |                           |               |
| Y14                                |   | kg                            | 56                              |                           |                           | 74                              | 103                       | 107                       | 111           |
| Certified Operation range          |   | °CDB                          | 21 to 46                        |                           |                           |                                 |                           |                           |               |
| Piping connections                 | Liquid (Flare)                              |                               | mm                              |                           |                           |                                 |                           |                           |               |
|                                    | Gas (Flare)                                 |                               | mm                              |                           |                           |                                 |                           |                           |               |
|                                    | Drain                                       | Indoor unit                   | mm                              |                           |                           |                                 |                           |                           |               |
| Outdoor unit                       |   | mm                            |                                 |                           |                           |                                 |                           |                           |               |
| Max. interunit piping length       |   | m                             | 30<br>(Equivalent length 50 m)  |                           |                           | 50<br>(Equivalent length 70 m)  |                           |                           |               |
| Max. installation level difference |   | m                             | 20                              |                           |                           |                                 |                           |                           |               |
| Heat insulation                    |   | Both liquid and gas piping    |                                 |                           |                           |                                 |                           |                           |               |

Note :

<sup>1</sup>Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB. Equiv. refrigeration piping, 7.5 m (horizontal).

<sup>2</sup>Capacities are net, including a deduction for cooling for indoor fan motor heat.

<sup>3</sup>Please see fan characteristic document in detail.

<sup>4</sup>Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

# OPTIONS

## Indoor unit

### CEILING MOUNTED CASSETTE TYPE

| Name of option  | Remark                   | Kit name                       |             |            |             |            |            |            |
|---|--------------------------|--------------------------------|-------------|------------|-------------|------------|------------|------------|
|   |                          | FCNQ13MV14                     | FCNQ18MV14  | FCNQ21MV14 | FCNQ26MV14  | FCNQ30MV14 | FCNQ36MV14 | FCNQ42MV14 |
| Decoration panel                                      |                          | BYCP125K-W1                    |             |            |             |            |            |            |
| Sealing material of air discharge outlet              |                          | KDBH55K160F                    |             |            |             |            |            |            |
| Panel spacer  |                          | KDBP55H160FA                   |             |            |             |            |            |            |
| Fresh air intake kit <sup>1</sup>                     | Chamber type             | Without T-joint pipe and fan   | KDDP55B160  |            |             |            |            |            |
|   |                          | With T-joint pipe, without fan | KDDP55B160K |            |             |            |            |            |
|   | Direct installation type | KDDP55X160                     |             |            |             |            |            |            |
| Chamber connection kit <sup>2</sup>                   |                          | KKSJ55KA160                    |             |            |             |            |            |            |
| Insulation kit for high humidity                      |                          | KDTP55K80                      |             |            | KDTP55K160  |            |            |            |
| High-efficiency filter (including chamber)            |                          | Colorimetric method 65%        | KAFP556B80  |            | KAFP556B160 |            |            |            |
|   |                          | Colorimetric method 90%        | KAFP557B80  |            | KAFP557B160 |            |            |            |
| Replacement high-efficiency filter                    |                          | Colorimetric method 65%        | KAFP552B80  |            | KAFP552B160 |            |            |            |
|   |                          | Colorimetric method 90%        | KAFP553B80  |            | KAFP553B160 |            |            |            |
| Filter chamber  |                          | KDDFP55B160                    |             |            |             |            |            |            |
| Replacement long-life filter                          |                          | KAFP551K160                    |             |            |             |            |            |            |
| Ultra long-life filter                                |                          | KAFP55B160                     |             |            |             |            |            |            |
| Replacement ultra long-life filter                    |                          | KAFP55H160H                    |             |            |             |            |            |            |
| Branch duct chamber                                   |                          | KDJP55B80                      |             |            | KDJP55B160  |            |            |            |
| Remote controller                                     | Wireless type            | Cooling only                   |             | BRC7F633F  |             |            |            |            |
|   | Wired type <sup>3</sup>  | BRC1C61                        |             |            |             |            |            |            |
| Navigation Remote Controller                          |                          | BRC1E62                        |             |            |             |            |            |            |
| Central remote controller <sup>4</sup>                |                          | DCS302CA61                     |             |            |             |            |            |            |
| Unified ON/OFF controller <sup>4</sup>                |                          | DCS301BA61                     |             |            |             |            |            |            |
| Schedule timer <sup>4</sup>                           |                          | DST301BA61                     |             |            |             |            |            |            |
| Intelligent Touch Controller <sup>4</sup>             |                          | DCS601C51                      |             |            |             |            |            |            |
| Adaptor for wiring <sup>5</sup>                       |                          | KRP1C63                        |             |            |             |            |            |            |
| Wiring adaptor for electrical appendices <sup>5</sup> |                          | KRP4AA53                       |             |            |             |            |            |            |
| Installation box for adaptor PCB                      |                          | KRP1H98                        |             |            |             |            |            |            |
| Remote sensor   |                          | KRCS01-4B                      |             |            |             |            |            |            |

Note: <sup>1</sup>Refer to page 6 for the details.

<sup>2</sup>Required for installing high-efficiency filter or ultra long-life filter.

<sup>3</sup>Wiring for wired remote controller to be procured locally.

<sup>4</sup>The indoor unit is equipped standardly with the interface adaptor for SkyAir series. An option is unnecessary.

<sup>5</sup>Installation box for adaptor PCB (KRP1H98) is necessary.

### Round flow type: List of optional parts required to achieve different flow patterns

For each flow pattern – all round, 4-way, 3-way, 2-way, branch duct connection – the compatibility of each independently installed option (shown in the column on the left) to accessory options (listed across the top of each table) is shown in the cells where the relevant row and column intersect. A circle (O) indicates compatibility, and a cross (X) indicates incompatibility. Any options not shown below are not suitable for independent or accessory installation.

#### All round flow 4-way flow

| Independently installable optional parts |  | Optional accessory parts | Panel spacer <sup>1</sup> | Wireless remote controller | Fresh air intake kit (Chamber type) <sup>1,2</sup> | Fresh air intake kit (direct mount) | High-humidity operation kit | High-efficiency filter <sup>2</sup> | Ultra-long-life filter <sup>2</sup> |
|--|--|--------------------------|---------------------------|----------------------------|--|-------------------------------------|-----------------------------|-------------------------------------|-------------------------------------|
| Panel/grille related                     | Panel spacer <sup>1</sup>                          |                          |                           | O                          | O  | O                                   | X                           | O                                   | O                                   |
| Operation control related                | Wireless remote controller                         |                          | O                         |                            | O  | O                                   | O                           | O                                   | O                                   |
| Auxillary function related               | Fresh air intake kit (Chamber type) <sup>1,2</sup> |                          | O                         | O                          |  | X                                   | X                           | O                                   | O                                   |
|  | Fresh air intake kit (direct mount)                |                          | O                         | O                          | X  |                                     | O                           | O                                   | O                                   |
|  | High-humidity operation kit                        |                          | X                         | O                          | X  | O                                   |                             | X                                   | X                                   |
| Filter related                           | High-efficiency filter <sup>2</sup>                |                          | O                         | O                          | O  | O                                   | X                           |                                     | X                                   |
|  | Ultra-long-life filter <sup>2</sup>                |                          | O                         | O                          | O  | O                                   | X                           | X                                   |                                     |

#### 3-way flow 2-way flow

| Independently installable optional parts |  | Optional accessory parts | Panel spacer <sup>1</sup> | Wireless remote controller | Fresh air intake kit (Chamber type) <sup>1,2</sup> | Fresh air intake kit (direct mount) | High-humidity operation kit | High-efficiency filter <sup>2</sup> | Ultra-long-life filter <sup>2</sup> |
|--|--|--------------------------|---------------------------|----------------------------|--|-------------------------------------|-----------------------------|-------------------------------------|-------------------------------------|
| Panel/grille related                     | Panel spacer <sup>1</sup>                          |                          |                           | O <sup>3</sup>             | O <sup>3</sup>                                     | O <sup>3</sup>                      | X                           | X                                   | O <sup>3</sup>                      |
| Operation control related                | Wireless remote controller                         |                          | O <sup>3</sup>            |                            | O  | O                                   | O                           | X                                   | O                                   |
| Auxillary function related               | Fresh air intake kit (Chamber type) <sup>1,2</sup> |                          | O <sup>3</sup>            | O                          |  | X                                   | X                           | X                                   | O                                   |
|  | Fresh air intake kit (direct mount)                |                          | O <sup>3</sup>            | O                          | X  |                                     | O                           | X                                   | O                                   |
|  | High-humidity operation kit                        |                          | X                         | O                          | X  | O                                   |                             | X                                   | X                                   |
| Filter related                           | Ultra-long-life filter <sup>2</sup>                |                          | O <sup>3</sup>            | O                          | O  | O                                   | X                           | X                                   |                                     |

#### Branch duct connection

| Independently installable optional parts                  |                                | Optional accessory parts | Panel spacer <sup>1</sup> | Wireless remote controller | Fresh air intake kit (Chamber type) <sup>1,2</sup> | Fresh air intake kit (direct mount) | High-humidity operation kit | High-efficiency filter <sup>2</sup> | Ultra-long-life filter <sup>2</sup> |
|---|--------------------------------|--------------------------|---------------------------|----------------------------|--|-------------------------------------|-----------------------------|-------------------------------------|-------------------------------------|
| Branch duct <sup>1</sup> (Chamber type) (Round duct type) | 1-way branch / unit 3-way flow |                          | O                         | O                          | O  | O <sup>4</sup>                      | X                           | X                                   | O                                   |
|   | 2-way branch / unit 2-way flow |                          | X                         | O                          | O  | O <sup>4</sup>                      | X                           | X                                   | O                                   |
|   | 1-way branch / unit 2-way flow |                          | X                         | O                          | O  | O <sup>4</sup>                      | X                           | X                                   | O                                   |

## Indoor unit

### CEILING SUSPENDED TYPE

| Name of option                           | Remark                  | Kit name   |            |            |             |            |             |            |            |
|--|-------------------------|------------|------------|------------|-------------|------------|-------------|------------|------------|
|  |                         | FHNQ13MV14 | FHNQ18MV14 | FHNQ21MV14 | FHNQ26MV14  | FHNQ30MV14 | FHNQ36MV14  | FHNQ42MV14 | FHNQ48MV14 |
| Replacement long-life filter             | Resin net               | KAF501DA56 | KAF501DA80 |            | KAF501DA112 |            | KAF501DA160 |            |            |
| L-type piping kit (for upward direction) |                         | KHFJ5F50   |            | KHFJ5F60   |             | KHFP5MA160 |             |            |            |
| Remote controller                        | Wireless type           | BRC7NU66   |            |            |             |            |             |            |            |
|  | Wired type <sup>1</sup> | BRC1NU61   |            |            |             |            |             |            |            |

Note: <sup>1</sup>Wiring for wired remote controller to be procured locally.

### DUCT CONNECTION LOW STATIC PRESSURE TYPE

| Name of option               | Remark                  | Kit name    |             |             |             |
|------------------------------|-------------------------|-------------|-------------|-------------|-------------|
|                              |                         | FDBNQ09MV14 | FDBNQ13MV14 | FDBNQ18MV14 | FDBNQ21MV14 |
| Remote controller            | Wireless type           | BRC4C64     |             |             |             |
|                              | Wired type <sup>1</sup> | BRC1C61     |             |             |             |
| Navigation Remote Controller | Wired type <sup>1</sup> | BRC1E62     |             |             |             |

Note: <sup>1</sup>Wiring for wired remote controller to be procured locally.

### DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE

| Name of option               | Remark                  | Kit name    |             |             |             |             |
|------------------------------|-------------------------|-------------|-------------|-------------|-------------|-------------|
|                              |                         | FDMNQ26MV14 | FDMNQ30MV14 | FDMNQ36MV14 | FDMNQ42MV14 | FDMNQ48MV14 |
| Remote controller            | Wireless type           | BRC4C64     |             |             |             |             |
|                              | Wired type <sup>1</sup> | BRC1C61     |             |             |             |             |
| Navigation Remote Controller | Wired type <sup>1</sup> | BRC1E62     |             |             |             |             |

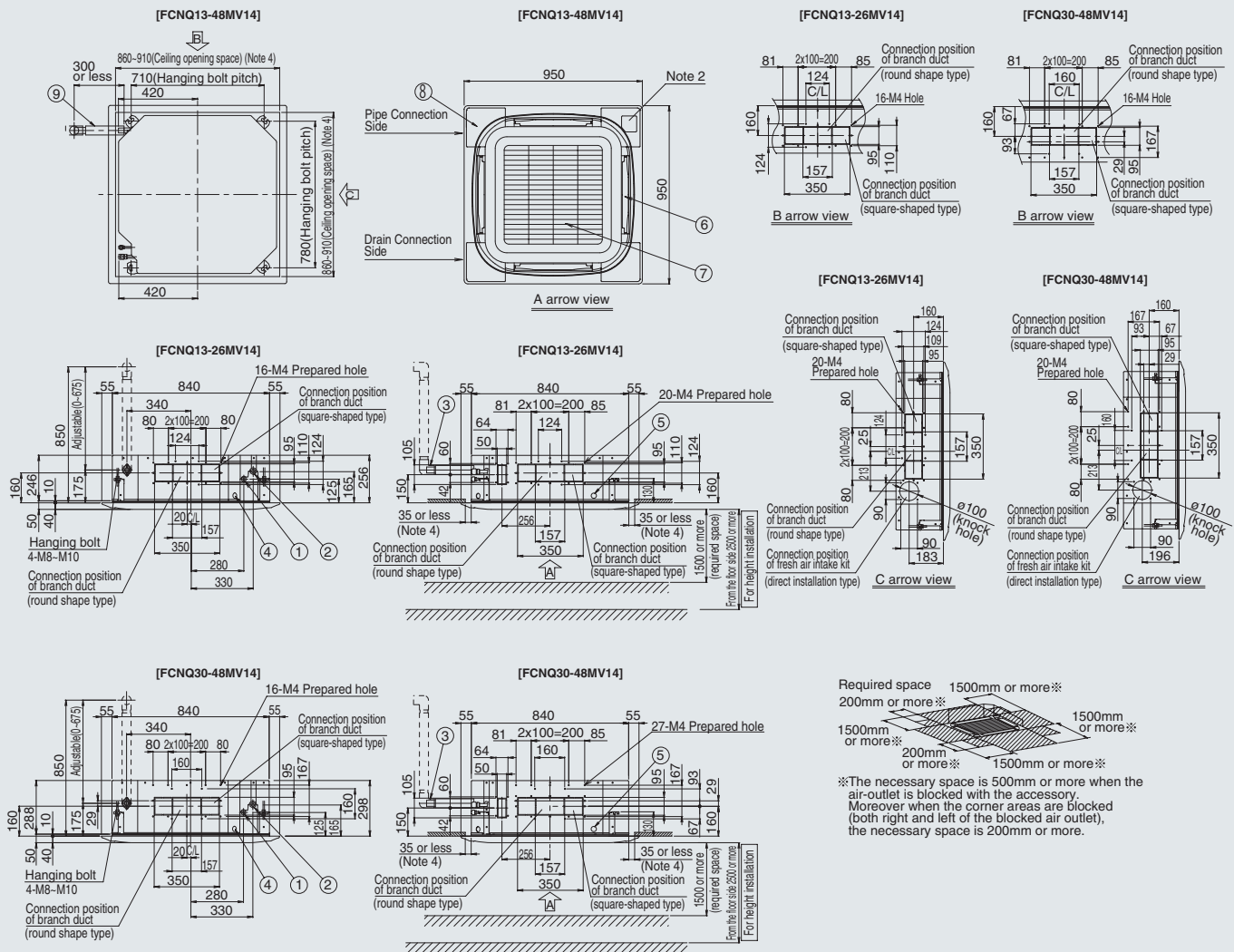
Note: <sup>1</sup>Wiring for wired remote controller to be procured locally.

## Outdoor unit

| Name of option     | Kit name  |           |           |           |           |           |           |           |           |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                    | RNQ09MV14 | RNQ13MV14 | RNQ18MV14 | RNQ21MV14 | RNQ26MV14 | —         | —         | —         | —         |
| Central drain plug | —         | —         | —         | —         | RNQ26MY14 | RNQ30MY14 | RNQ36MY14 | RNQ42MY14 | RNQ48MY14 |
|                    |           |           | KKP014A4  |           | —         | KKPJ5F180 |           |           |           |

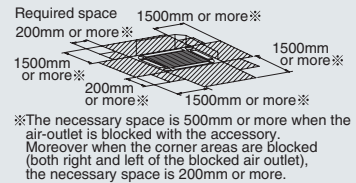
# DIMENSIONS (Unit: mm)

## CEILING MOUNTED CASSETTE TYPE



### Notes:

- <sup>1</sup> Sticking location for manufacturer's label  
 manufacturer's label for indoor unit:  
 Suction grille inner side's electric components box's lid surface  
 manufacturer's label for decoration panel :  
 Decoration panel's corner decoration cover inner surface
- <sup>2</sup> In case of using wireless remote controller, this position will be a signal receiver. Refer to the drawing of wireless remote controller in detail.
- <sup>3</sup> When the temperature and humidity in the ceiling exceed 30°C and RH 80% or the fresh air is inducted into the ceiling or the unit continues 24 hour operation, an additional insulation (thickness 10mm or more of glasswool or polyethylene form) is required.
- <sup>4</sup> Though the installation is acceptable up to maximum of 910mm square ceiling opening, keep the clearance of 35mm or less between the indoor unit and the ceiling opening so that the panel overlap allowance can be ensured.
- <sup>5</sup> Please do not place the thing been damp and troubled under an indoor unit.  
 When the case where humidity is 80% or more, and the drain outlet are choked up and the air filter are dirty, dew may fall.



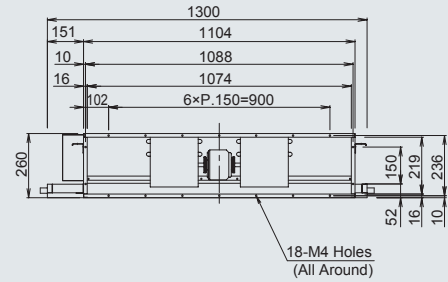
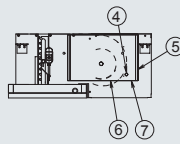
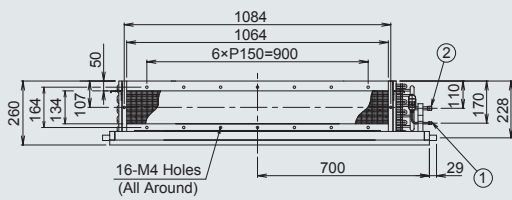
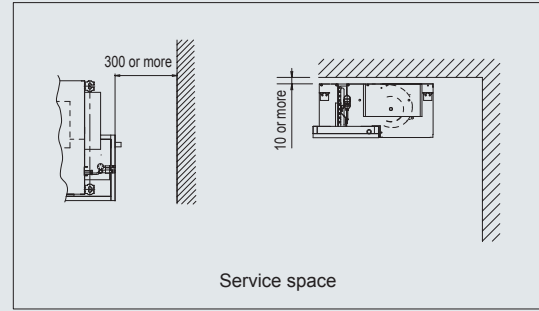
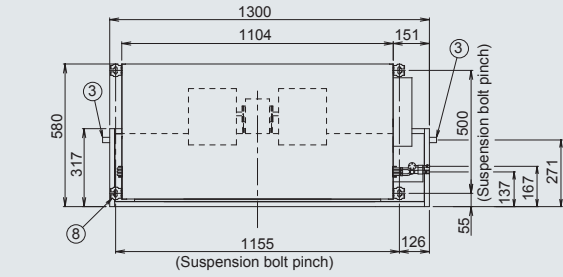
- ① Liquid pipe connection
- ② Gas pipe connection
- ③ Drain pipe connection
- ④ Power-source wiring and a unit wiring connection
- ⑤ Connection wiring/remote control wiring connection
- ⑥ Air-outlet
- ⑦ Suction grille
- ⑧ Corner decoration cover
- ⑨ Drain hose (accessory)



# DIMENSIONS (Unit: mm)

## DUCT CONNECTION LOW STATIC PRESSURE TYPE

### [FDBNQ21MV14]

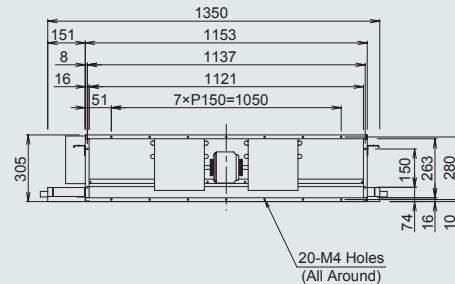
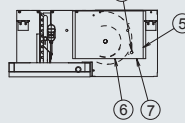
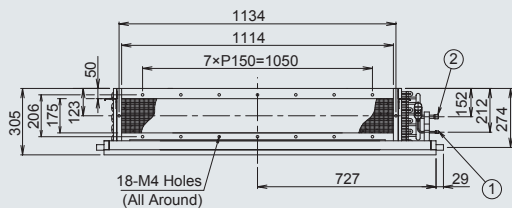
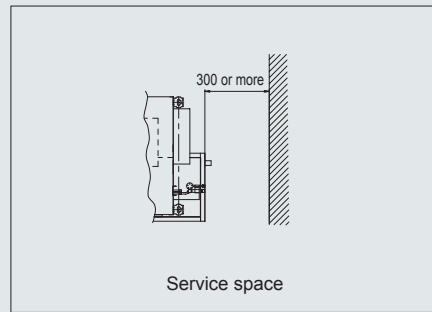
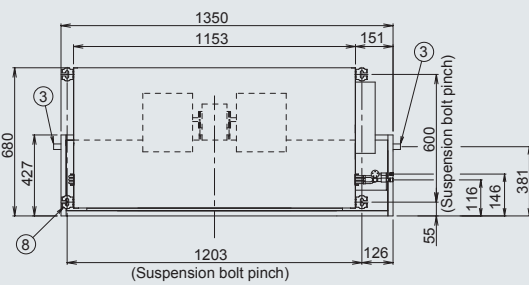


- ① Liquid pipe connection
- ② Gas pipe connection
- ③ Drain pipe connection
- ④ Ground terminal
- ⑤ Switch box
- ⑥ Control wiring intake (for remote controller)
- ⑦ Control wiring intake (for outdoor unit)
- ⑧ Suspension bracket

Note: <sup>1</sup>Location of unit's Name Plate: Chamber cap

## DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE

### [FDMNQ26MV14]

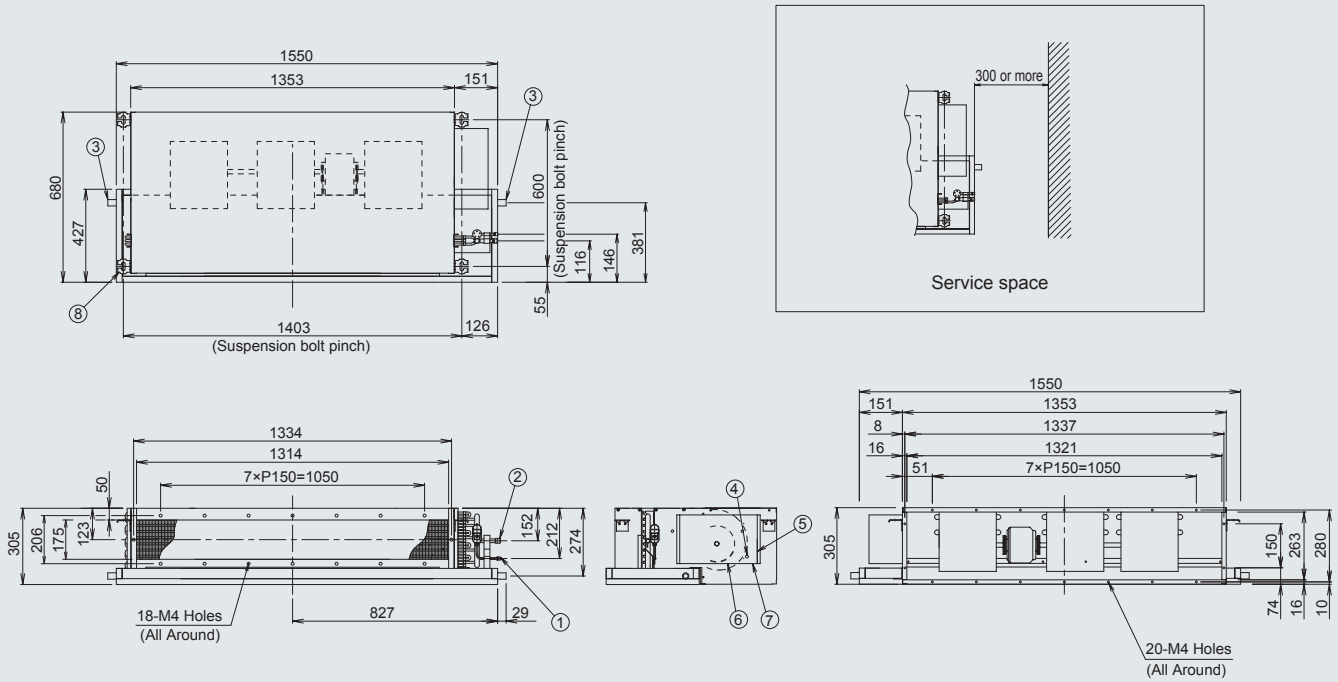


- ① Liquid pipe connection
- ② Gas pipe connection
- ③ Drain pipe connection
- ④ Ground terminal
- ⑤ Switch box
- ⑥ Control wiring intake (for remote controller)
- ⑦ Control wiring intake (for outdoor unit)
- ⑧ Suspension bracket

Note: <sup>1</sup>Location of unit's Name Plate: Chamber cap

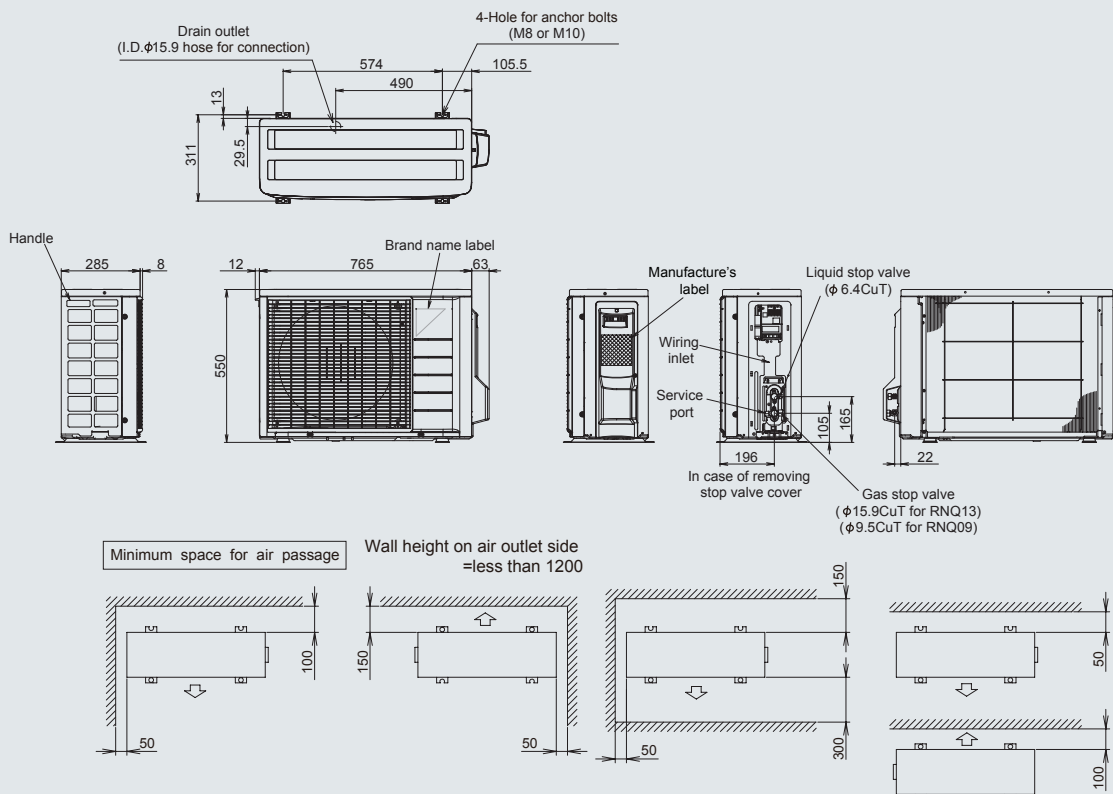
## DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE

[FDMNQ30/36/42/48MV14]



Note: 1 Location of unit's Name Plate: Chamber cap

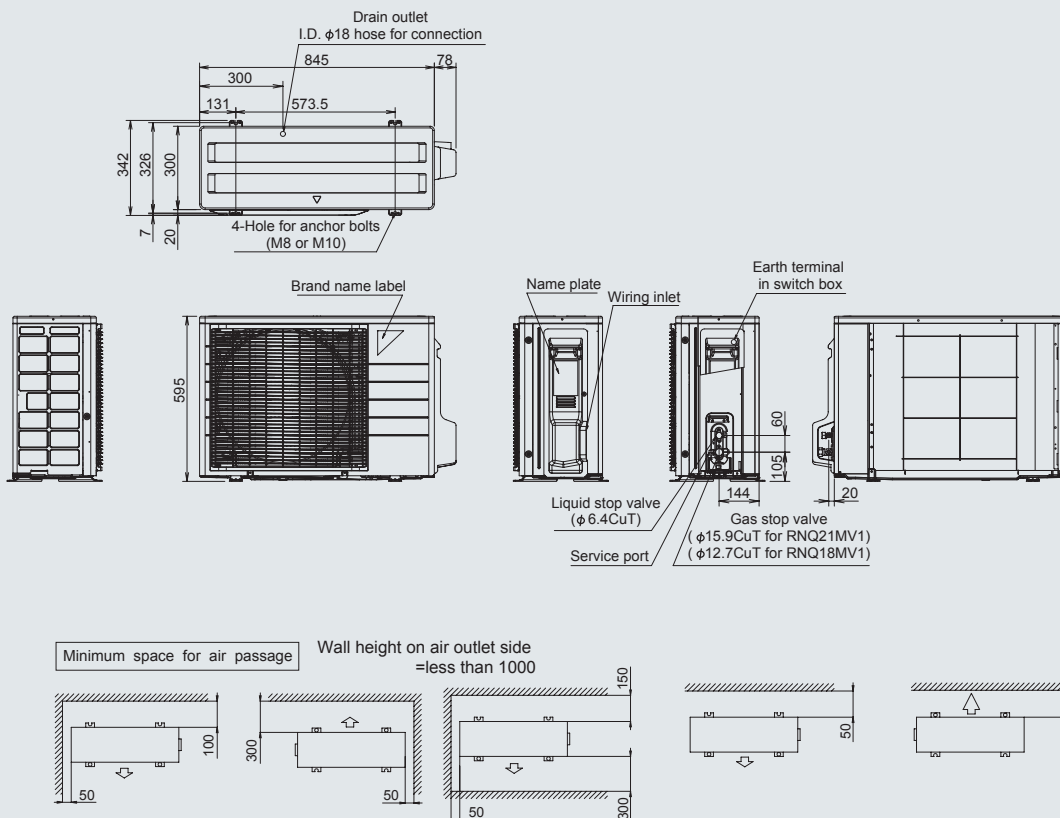
## OUTDOOR UNIT // RNQ09/13MV14



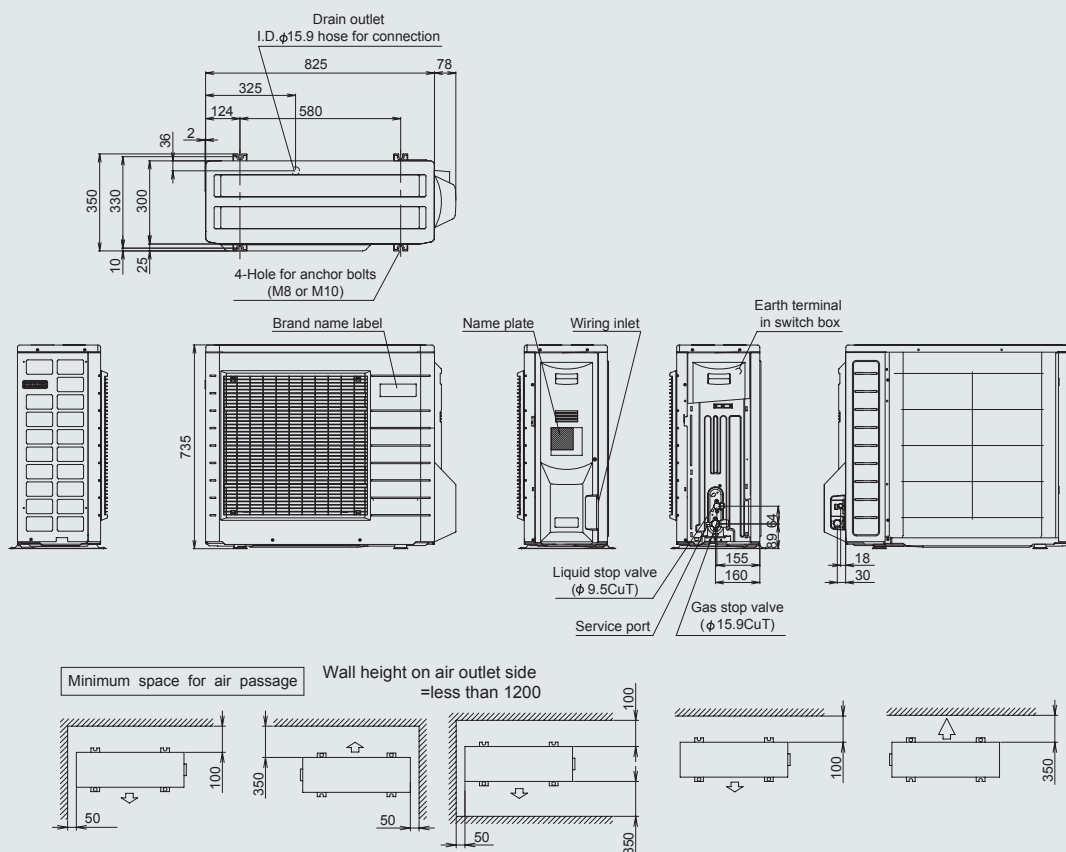


# DIMENSIONS (Unit: mm)

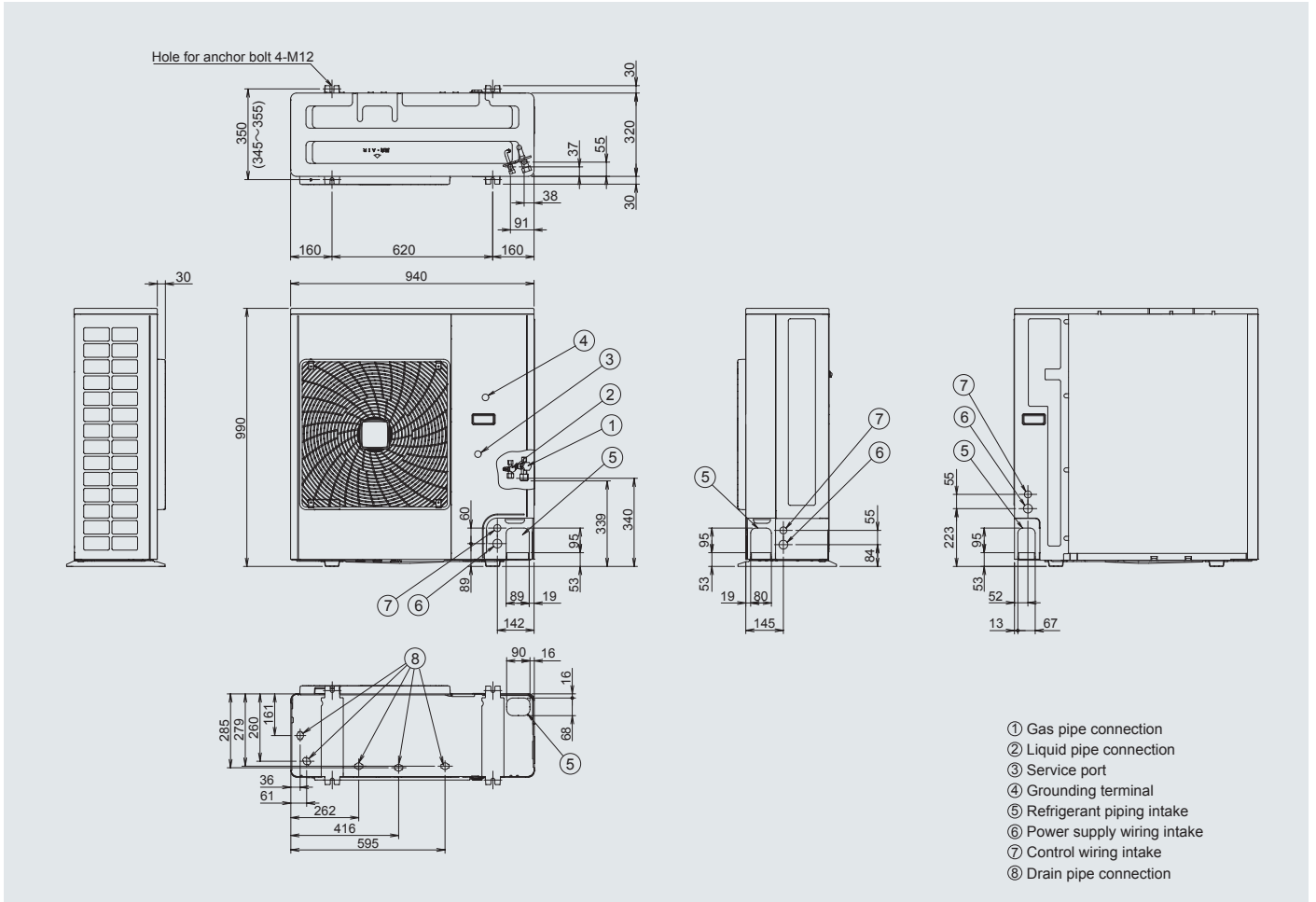
## OUTDOOR UNIT // RNQ18/21MV14



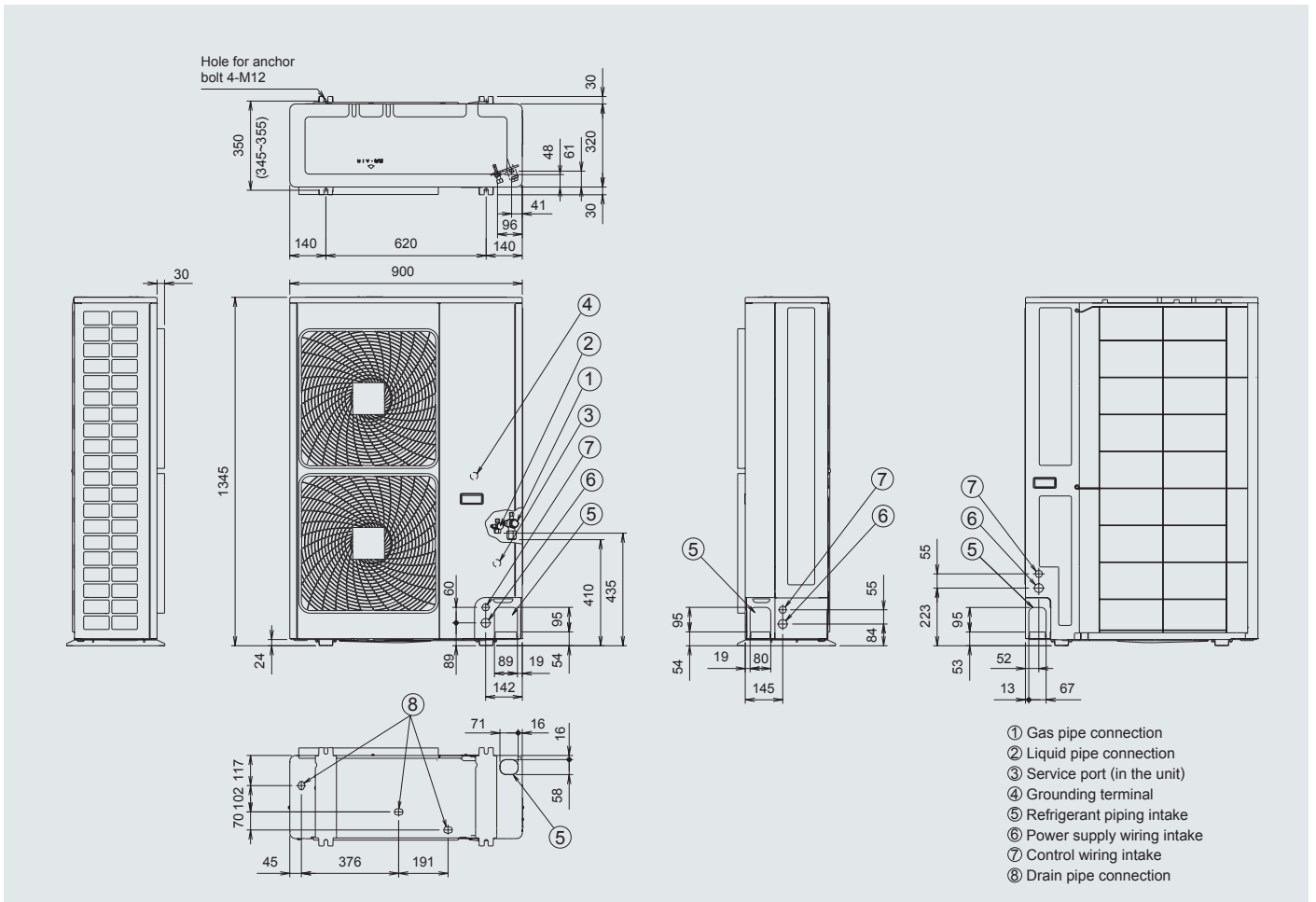
## OUTDOOR UNIT // RNQ26MV14, RNQ26MY14



**OUTDOOR UNIT // RNQ30MY14**



**OUTDOOR UNIT // RNQ36/42/48MY14**

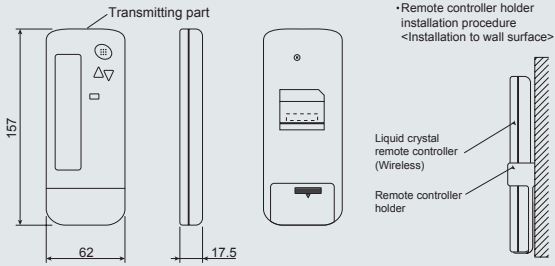


# DIMENSIONS (Unit: mm)

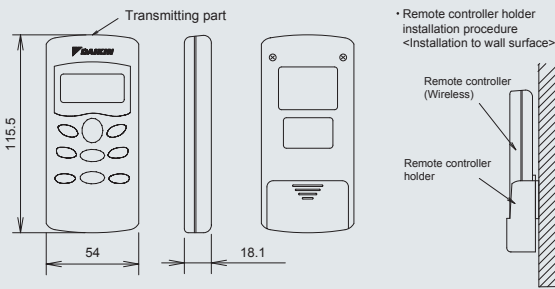
## REMOTE CONTROLLER

### 《Wireless type》 · Remote controller dimensions

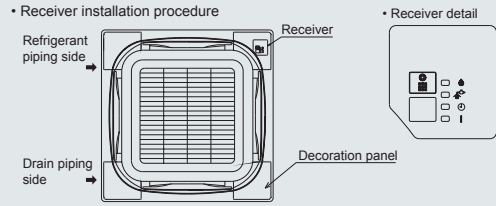
BRC7F633F BRC4C64



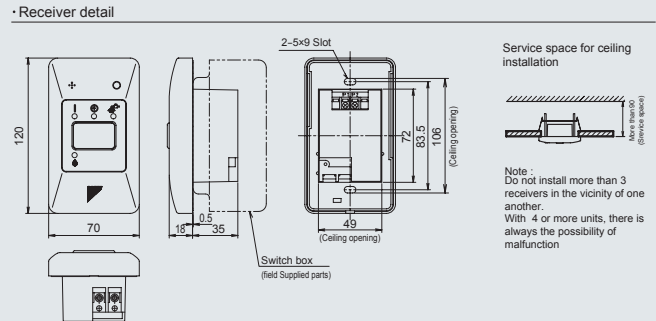
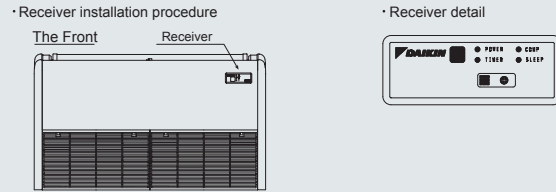
BRC7NU66



### CEILING MOUNTED CASSETTE TYPE <Round Flow>

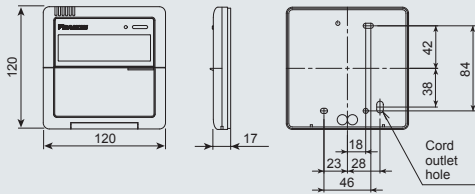


### CEILING SUSPENDED TYPE

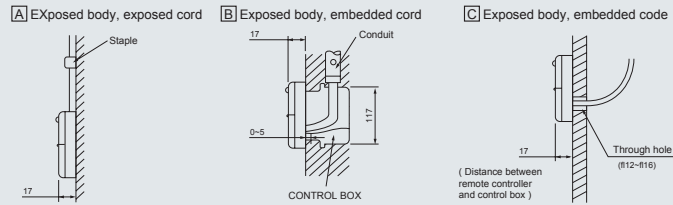


### 《Wired type》 · Remote controller dimensions

BRC1C61



### · Remote controller installation procedure



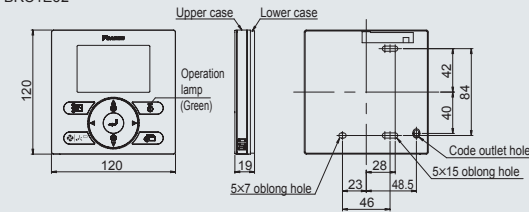
Note) 1. Remote controller cord and staple are not attached. They are field supplied parts.

### Specifications of cord

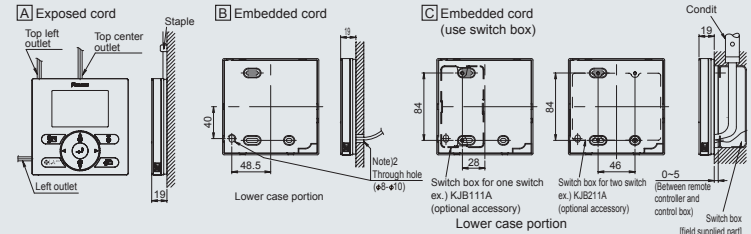
|              |   |
|--------------|---|
| Type *       | Vinyl cord with sheath or cable (insulated thickness: 1 mm or more) |
| Size         | 0.75~1.25 mm <sup>2</sup>   |
| Total length | 500 m   |

\* Countries requiring EMC: Shield wire (insulated thickness: 1 mm or more)

BRC1E62



### · Installation method



Note)

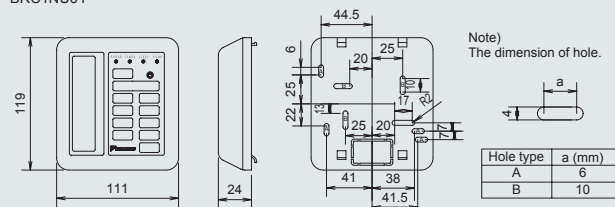
1. Remote controller cord and staple are not attached. They are field supplied parts.

2. If the hole size is too large or the location is not proper, the hole may come out from the remote controller.

### Specifications of cord

|              |  |
|--------------|--|
| Type         | Vinyl cord with sheath or cable (insulated thickness: 1mm or more) |
| Size         | 0.75~1.25 mm <sup>2</sup>  |
| Total length | 500 m  |

BRC1NU61



# Installation service space for outdoor unit (Unit: mm)

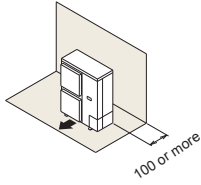
## ■ For RNQ30-48MY14

### 1 When there is an obstruction on the inlet side

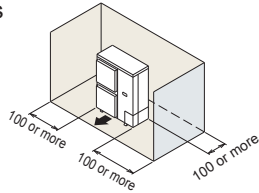
#### 1) When the overhead space is open

##### 1. For single unit installation

When there is an obstruction only on the inlet side

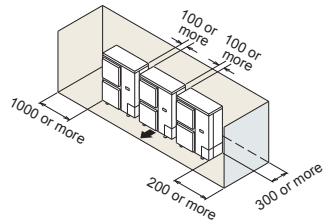


When there are obstructions on both sides



##### 2. For multiple units installation (more than two units)

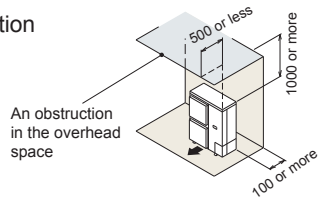
When there are obstructions on both sides



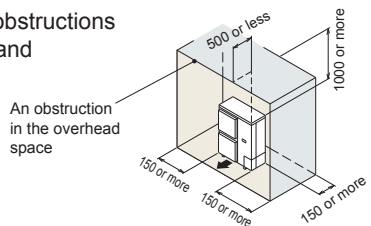
#### 2) When there is an obstruction in the overhead space

##### 1. For single unit installation

When there is an obstruction on the inlet side

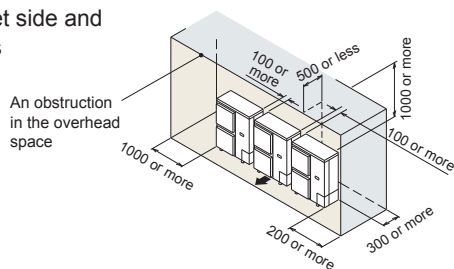


When there are obstructions on the inlet side and both sides



##### 2. For multiple units installation (more than two units)

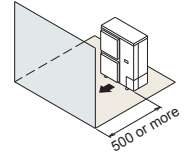
When there are obstructions on the inlet side and both sides



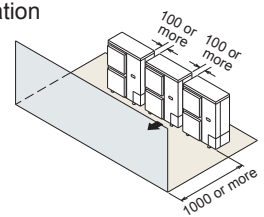
### 2 When there is an obstruction on the outlet side

#### 1) When the overhead space is open

##### 1. For single unit installation



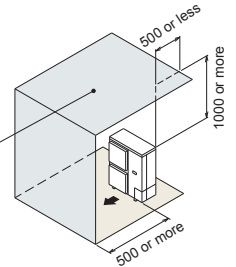
##### 2. For multiple units installation (more than two units)



#### 2) When there is an obstruction in the overhead space

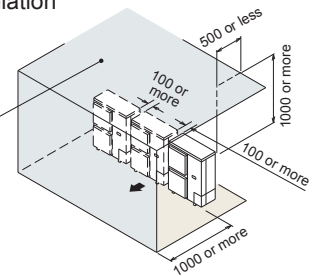
##### 1. For single unit installation

An obstruction in the overhead space



##### 2. For multiple units installation (more than two units)

An obstruction in the overhead space



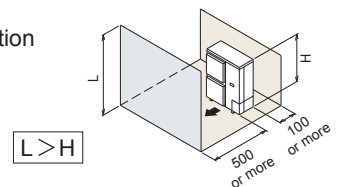
### 3 When there are obstructions on both the inlet and outlet sides

(When the obstruction on the outlet side is higher than the unit itself)

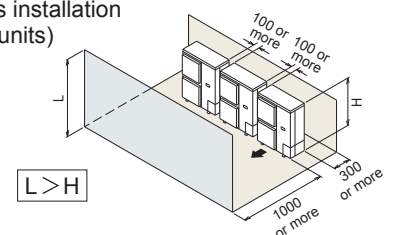
#### 1) When the overhead space is open

(There is no limit to the height of the obstruction on the outlet side.)

##### 1. For single unit installation



##### 2. For multiple units installation (more than two units)



Note : As for other patterns of installation, please refer to Installation manual or Engineering Data Book.





**Warning**



- Ask a qualified installer or contractor to install this product. Do not try to install the product by yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the user's manual carefully before using this product. The user's manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

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

**Cautions on product corrosion**

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

**Dealer**

**PT. DAIKIN AIRCONDITIONING INDONESIA**

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**Service and Spare Parts**, Telp.: 021-736 92899 • **Training Center**, Telp.: 021-295 61950 • **Bandung**, Telp.: 022-601 4781 • **Semarang**, Telp.: 024-841 2695 • **Surabaya**, Telp.: 031-503 1138 • **Denpasar**, Telp.: 0361-900 5514 • **Makassar**, Telp.: 0411-446 263 • **Palembang**, Telp.: 0711-319 776  
**Daikin Contact Center : 0800 1 081 081 (Toll Free)**