2. EXTERNAL DIMENSIONS

PURY-P200,250,300YJM-A(-BS)

Unit : mm

Notes:
1. Please refer to the next page for information regarding necessary spacing around the unit and foundation work.
2. The detachable leg can be removed at site.
3. At brazing of pipes, wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C.

Specifications:
- Front through hole
- Bottom through hole
- Usage:
  - For transmission cables
  - For wires
  - For pipes

Connecting pipe specifications:
- PURY-P200YJM
- PURY-P250YJM
- PURY-P300YJM

Position dimensions for the refrigerant service valve:
- High pressure
- Low pressure

Connection specifications for the refrigerant service valve:
- ø15.88 Brazed
- ø22.2 Brazed

Note 1:
Please refer to the next page for information regarding necessary spacing around the unit and foundation work.

Note 2:
The detachable leg can be removed at site.

Note 3:
At brazing of pipes, wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C.

Accessories:
- Connecting pipe
- Control box
- Service panel
- Intake air
- Discharge air

Snow hood attachment hole:
- Front view
- Left side view
- Top view
- Bottom view

Connecting pipe specifications:
- ø15.88 Brazed
- ø22.2 Brazed

- 2. Expand the field pipes (for bottom piping and front piping) and connect directly to the valve.
- 3. At brazing of pipes, wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C.

Model:
- PURY-P200YJM
- PURY-P250YJM
- PURY-P300YJM

Position dimensions for the refrigerant service valve:
- High pressure
- Low pressure
1. Required space around the unit

- In case of single installation
  1. Secure enough space around the unit as shown in the figure below.
     - With a space of at least 300mm to the wall on the back of the unit.
     - With a space of at least 100mm to the wall on the back of the unit.

- In case of collective installation
  1. When multiple units are installed adjacent to each other, secure enough space to allow for air circulation and walkway between groups of units as shown in the figures below.
  2. At least two sides must be left open.
  3. As with the single installation, add the height that exceeds the height limit \( h \) to the figures that are marked with an asterisk.
  4. If there is a wall at the front and the rear of the unit, install up to six units consecutively in the side direction and provide a space of 1000mm or more as inlet space/ passage space for each six units.

2. Foundation work

- Take into consideration the surface strength, water drainage route, piping route, and wiring route when preparing the installation site.
- Note that the drain water comes out of the unit during operation.
- Build the foundation in such a way that the corner of the installation leg is securely supported as shown in the right figure. (Fig. A, B)
  1. When using a rubber isolating cushion, please ensure it is large enough to cover the entire width of each of the unit's legs.
  2. The protrusion length of the anchor bolt must not exceed 30mm. (Fig. A, B)
  3. Use four fixing plates as shown in the right figure. (field supply required)
  4. When using post-installed anchor bolts. (Fixing plate required)
  5. To prevent small animals and water and snow from entering the unit and damaging its parts, close the gap around the edges of through holes for pipes and wires with filler plates. (field supply required)
  6. When the pipes or cables are routed at the bottom of the unit, make sure that the through hole at the base of the unit does not get blocked with the installation base.
  7. Refer to the Installation Manual when installing units on an installation base.
2. EXTERNAL DIMENSIONS

PURY-P350,400YJM-A(-BS)

Unit : mm
2. EXTERNAL DIMENSIONS

1. Required space around the unit

- In case of single installation
  1. Secure enough space around the unit as shown in the figure below.
  2. At least two sides must be left open.
  3. If there is a wall at both the front and the rear of the unit, install up to six units connected between the side directions and provide a space of 100mm or more as rear space.
  4. Detachable leg

- In case of collective installation
  1. Take into consideration the surface strength, water drainage route, piping route, and wiring route when preparing the installation site. Note that the drain water comes out of the unit during operation.
  2. Build the foundation in such a way that the corner of the installation leg is securely supported as shown in the right figure. (Fig.A, B)
  3. When using a rubber isolating cushion, please ensure it is large enough to cover the entire width of each of the unit’s legs. The protrusion length of the anchor bolt must not exceed 30mm. (Fig.A, B)
  4. Use four fixing plates as shown in the right figure when using post-installed anchor bolts. (Fig.C, D)
  5. To prevent small animals and water and snow from entering the unit and damaging its parts, close the gap around the edges of through holes for pipes and wires with filler plates. (field supply required)
  6. When the pipes or cables are routed at the bottom of the unit, make sure that the through hole at the base of the unit does not get blocked.
  7. Refer to the Installation Manual when installing units on an installation base.

2. Foundation work

- When multiple units are installed adjacent to each other, secure enough space to allow for air circulation and walkway between groups of units as shown in the figures below.
  1. At least two sides must be left open. As with the single installation, add the height that exceeds the height limit to the figures that are marked with an asterisk.
  2. If there is a wall at both the front and the rear of the unit, install up to six units connected between the side directions and provide a space of 100mm or more as rear space.

Unit:mm
### External Dimensions

#### Refrigerant Service Valve
- **Low pressure**
- **High pressure**

#### Accessories
- Connecting pipe
  - Low pressure: Pipe (ø28.58Xø28.58) 1 pc.
  - High pressure: Pipe (ø25.4Xø22.2) 1 pc.

#### Specifications
- **NO.** 58
- **Usage**
  - Front through hole: 140 X 77 Knockout hole
  - Bottom through hole: 150 X 94 Knockout hole
  - Front through hole: ø52 or ø27 Knockout hole
  - Bottom through hole: ø65 Knockout hole
  - Front through hole: ø34 Knockout hole

#### Notes
1. Please refer to the next page for information regarding necessary spacing around the unit and foundation work.
2. The detachable leg can be removed at site.
3. At brazing of pipes, wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C.
4. *1. Connect by using the connecting pipes (for bottom piping and front piping) that are supplied.

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#### Diagram Details
- **Top view**
- **Bottom view**
- **Left side view**
- **Front view**
- **Right view**

---

#### Annotations
- **Front through hole**
- **Bottom through hole**
- **Knockout hole**

---

#### Units
- **Unit:** mm
1. In case of single installation

- Secure enough space around the unit as shown in the figure below.
- When multiple units are installed adjacent to each other, secure enough space to allow for air circulation and walking between groups of units as shown in the figures below.
- At least two sides must be left open. When the height of the walls on the front, back, or on the sides exceeds the wall height limit, add the height that exceeds the height limit to the figures marked with an asterisk.

2. Foundation work

- When multiple units are installed adjacent to each other, secure enough space to allow for air circulation and walking between groups of units as shown in the figures below. At least two sides must be left open. When the height of the walls on the front, back, or on the sides exceeds the wall height limit, add the height that exceeds the height limit to the figures marked with an asterisk.
- Before installing units on an installation base, take into consideration the surface strength, water drainage route, piping route, and wiring route when preparing the installation site. (Note that the drain water comes out of the unit during operation.)
- A rubber isolating cushion is to be used when installing units on an installation base. Please ensure that it is large enough to cover the entire width of each of the unit's legs. (Fig.D, without detachable legs)
- Use four fixing plates as shown in the figure (Fig.C, without detachable legs). (Field supply required)
- To prevent small animals and water and snow from entering the unit and damaging its parts, close the gap around the edges of through holes for pipes and wires with filler plates. (Field supply required)

Fig.C (without detachable legs) Fig.D (with detachable legs)

1. Required space around the unit

- Secure enough space around the unit as shown in the figure below.
- When multiple units are installed adjacent to each other, secure enough space to allow for air circulation and walking between groups of units as shown in the figures below.
- At least two sides must be left open. When the height of the walls on the front, back, or on the sides exceeds the wall height limit, add the height that exceeds the height limit to the figures marked with an asterisk.

2. Foundation work

- When multiple units are installed adjacent to each other, secure enough space to allow for air circulation and walking between groups of units as shown in the figures below. At least two sides must be left open. When the height of the walls on the front, back, or on the sides exceeds the wall height limit, add the height that exceeds the height limit to the figures marked with an asterisk.
- Before installing units on an installation base, take into consideration the surface strength, water drainage route, piping route, and wiring route when preparing the installation site. (Note that the drain water comes out of the unit during operation.)
- A rubber isolating cushion is to be used when installing units on an installation base. Please ensure that it is large enough to cover the entire width of each of the unit's legs. (Fig.D, without detachable legs)
- Use four fixing plates as shown in the figure (Fig.C, without detachable legs). (Field supply required)
- To prevent small animals and water and snow from entering the unit and damaging its parts, close the gap around the edges of through holes for pipes and wires with filler plates. (Field supply required)
2. EXTERNAL DIMENSIONS

DATA G10

OUTDOOR UNITS

OUTDOOR UNIT 1

OUTDOOR UNIT 2

TWINNING PIPE (LOW PRESSURE) <OPTIONAL PARTS>

TWINNING PIPE (HIGH PRESSURE) <OPTIONAL PARTS>

Detachable leg

Note 2*

Discharge air

Intake air

Intake air

Intake air

Left view

Front view

TWINNING PIPE CONNECTION SIZE

Package unit name

Component unit name

Outdoor unit 1

Outdoor unit 2

Outdoor Twinning Kit <optional parts>

BC controller - Twinning pipe

High pressure

Low pressure

Unit model

Unit : mm

Unit model

Unit : mm

Unit model

Unit : mm

Unit model

Unit : mm

Unit model

Unit : mm

Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe sizes.

2. The detachable leg can be removed at site.

3. Twinning pipe (High pressure) should not be tilted more than 15 degrees from the horizontal plane.

4. Be sure to see the Installation Manual for the details of Twinning pipe installation.

5. Only use the Twinning pipe by Mitsubishi (optional parts).
2. EXTERNAL DIMENSIONS

DATA G10

OUTDOOR UNITS

PURY-P600, 650, 700YSJM-A(1)(-BS)

Unit: mm

Package unit name

Component unit name

Outdoor unit

2. Twinning pipe connection size

Note 1. Connect the pipe as shown in the figure above. Refer to the table above for the pipe size.

Note 2. Twinning pipe (High pressure) should not be tilted more than 15 degrees from the horizontal plane.

Note 3. Use the installation manual for details on the installation of twinning pipe accessories (optional parts).

Note 4. The detachable leg can be removed at site.
## 2. EXTERNAL DIMENSIONS

### Data G10

**OUTDOOR UNITS**

<table>
<thead>
<tr>
<th>Component</th>
<th>Package Unit Name</th>
<th>BC Controller</th>
<th>Twinning Pipe (Optional Parts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OUTDOOR UNIT 1</td>
<td>PURY-P350YJM-A(-BS)</td>
<td>PURY-P400YJM-A(-BS)</td>
<td>PURY-P750YSJM-A(-BS)</td>
</tr>
<tr>
<td>OUTDOOR UNIT 2</td>
<td>PURY-P350YJM-A(-BS)</td>
<td>PURY-P400YJM-A(-BS)</td>
<td>PURY-P800YSJM-A(-BS)</td>
</tr>
</tbody>
</table>

**NOTE**

1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.
2. The detachable leg can be removed at site. Twinning pipe (High pressure) should not be tilted more than 15 degrees from the horizontal plane.
3. Be sure to see the installation manual for the details of twinning pipe installation.
4. Only use the twinning pipe by Mitsubishi (optional parts).

**Unit:** mm

### Twinning Pipe Connection Size

<table>
<thead>
<tr>
<th>Component Name</th>
<th>Low Pressure</th>
<th>High Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intake air</td>
<td>ø19.05</td>
<td>ø28.58</td>
</tr>
<tr>
<td>Discharge air</td>
<td>ø22.2</td>
<td>ø34.93</td>
</tr>
</tbody>
</table>

---

**Dimentions**

- **Outdoor unit 1:** 1220 mm x 1220 mm x 760 mm
- **Outdoor unit 2:** 1220 mm x 1220 mm x 760 mm

**Intake air**

- **OUTDOOR UNIT 1:** 1710 mm x 301 mm
- **OUTDOOR UNIT 2:** 1710 mm x 301 mm

**Twinning pipe connection size**

<table>
<thead>
<tr>
<th>Component Name</th>
<th>Low Pressure</th>
<th>High Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intake air</td>
<td>ø19.05</td>
<td>ø28.58</td>
</tr>
<tr>
<td>Discharge air</td>
<td>ø22.2</td>
<td>ø34.93</td>
</tr>
</tbody>
</table>
2. EXTERNAL DIMENSIONS

<table>
<thead>
<tr>
<th>Package unit name</th>
<th>Component unit name</th>
<th>Outdoor unit 1</th>
<th>Outdoor unit 2</th>
<th>Outdoor Twinning Kit (optional parts)</th>
<th>BC controller - Twinning pipe</th>
</tr>
</thead>
<tbody>
<tr>
<td>PURY-P350YJM-A/B</td>
<td>Outdoor unit 1</td>
<td>PURY-P450YJM-A/B</td>
<td>PURY-P450YJM-A/B</td>
<td>CMY-R100XLVBK</td>
<td>High pressure a</td>
</tr>
<tr>
<td>PURY-P450YJM-A/B</td>
<td>Outdoor unit 2</td>
<td>PURY-P450YJM-A/B</td>
<td>PURY-P450YJM-A/B</td>
<td>CMY-R200XLVBK</td>
<td>Low pressure  b</td>
</tr>
</tbody>
</table>

Note 1: Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.

2. The detachable leg can be removed at site.

3. Twinning pipe (High pressure) should not be tilted more than 15 degrees from the horizontal plane.

4. Be sure to see the Installation Manual for the details of Twinning pipe installation.

4. Only use the Twinning pipe by Mitsubishi (optional parts).

<table>
<thead>
<tr>
<th>Unit model</th>
<th>High pressure</th>
<th>Low pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>P350</td>
<td>19.05</td>
<td>20.58</td>
</tr>
<tr>
<td>P400</td>
<td>22.2</td>
<td>20.58</td>
</tr>
<tr>
<td>P450</td>
<td>22.2</td>
<td>20.58</td>
</tr>
</tbody>
</table>

Unit: mm

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Discharge air Outdoor unit 1
Intake air
To BC controller
Discharge air Outdoor unit 2
Intake air

Twinning pipe connection size

Twinning pipe connection size

Twinning pipe (Low pressure) <optional parts>

Twinning pipe (High pressure)
<optional parts>

a To BC controller
b

c

d

e

Front view

Unit model
High pressure
Low pressure
P350
19.05
20.58
P400
22.2
20.58
P450
22.2
20.58
2. EXTERNAL DIMENSIONS

**DATA G10**

**OUTDOOR UNITS**

- **Unit model**
  - **Low pressure**
  - **High pressure**
- **Twinning pipe**
  - **Outdoor unit**
    - Twinning pipe (Low pressure)
    - Twinning pipe (High pressure)
  - **Optional parts**
    - To BC controller

**Note 1:** Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.

**Note 2:** The detachable leg can be removed at site. However, it cannot be tilted more than 15 degrees from the horizontal plane.

**Note 3:** Be sure to see the Installation Manual for the details of Twinning pipe installation.

**Note 4:** Only use the Twinning pipe by Mitsubishi (optional parts).

---

**Twinning pipe connection size**

<table>
<thead>
<tr>
<th>Component unit name</th>
<th>Outdoor unit 1</th>
<th>Outdoor unit 2</th>
<th>Twinning pipe (optional parts)</th>
<th>BC controller</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low pressure</td>
<td>PURY-P200YSJM-A(-BS)</td>
<td>PURY-P300YSJM-A(-BS)</td>
<td>PURY-P400YSJM-A(-BS)</td>
<td>PURY-P500YSJM-A(-BS)</td>
</tr>
<tr>
<td>High pressure</td>
<td>PURY-P200YSJM-A(-BS)</td>
<td>PURY-P300YSJM-A(-BS)</td>
<td>PURY-P400YSJM-A(-BS)</td>
<td>PURY-P500YSJM-A(-BS)</td>
</tr>
</tbody>
</table>

**Unit:** mm