

## PURY-P200, 250, 300YNW-A(-BS)

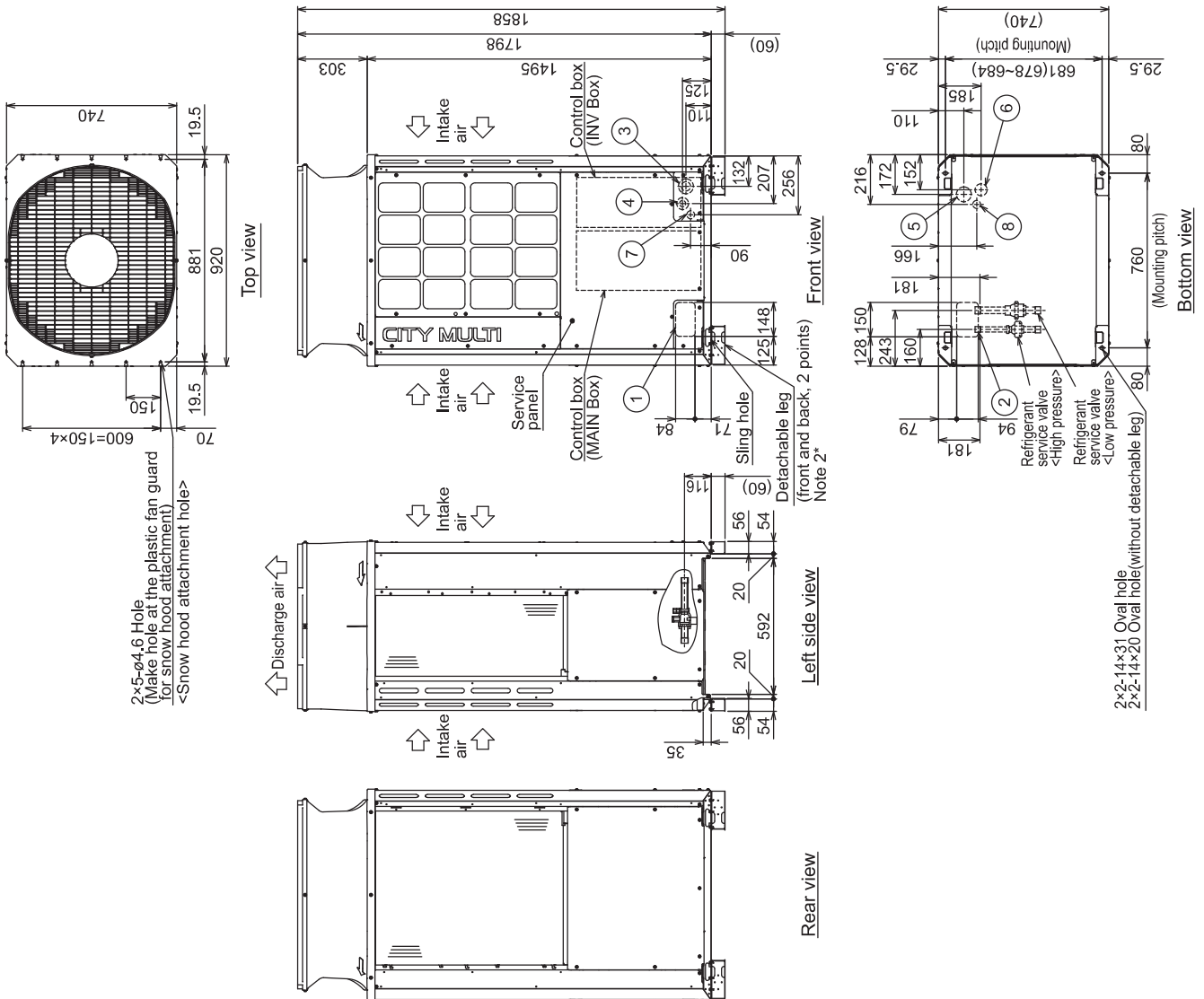
Unit: mm

- Note 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.

Model	Refrigerant pipe		Service valve	
	High pressure	Low pressure	High pressure	Low pressure
P200	ø15.88 Brazed*1	ø19.05 Brazed*1	ø22.2	ø28.58
P250	ø19.05 Brazed*1	ø22.2 Brazed*1		
P300				

\*1 Connect the refrigerant pipe to the service valve according to the Installation Manual.

NO.	Usage	Specifications
①	For pipes	Front through hole 148 × 84 Knockout hole
②		Bottom through hole 150 × 94 Knockout hole
③	For wires	Front through hole ø65 or ø40 Knockout hole
④		Bottom through hole ø52 or ø27 Knockout hole
⑤		Front through hole ø65 Knockout hole
⑥		Bottom through hole ø52 Knockout hole
⑦	For transmission cables	Front through hole ø34 Knockout hole
⑧		Bottom through hole ø34 Knockout hole

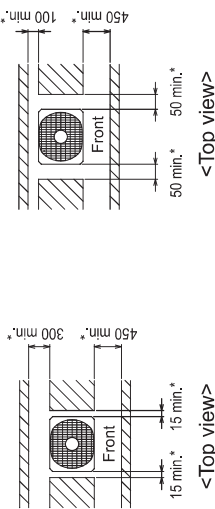


### 1. Required space around the unit

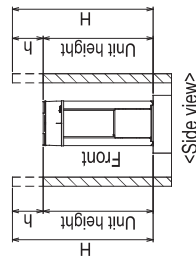
#### ● In case of single installation

① Secure enough space around the unit as shown in the figure below.

- With a space of at least 100mm to the wall on the back of the unit



② When the height of the walls on the front, back or on the sides <H> exceeds the wall height limit as defined below add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.



<Wall height limit> Front :Up to the unit height  
Back :Up to the unit height  
Side :Up to the unit height

### 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 way that the corner of the installation leg is securely supported as shown in the right figure.(Fig.A,B)  
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)
- Use four fixing plates as shown in the right figure <field supply required> when using post-installed anchor bolts.(Fig.C,D)
- 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>.
- 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.
- Refer to the Installation Manual when installing units on an installation base.

#### ● In case of collective installation

- 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.
- At least two sides must be left open.
- As with the single installation, add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.
- If there is a wall at both 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.

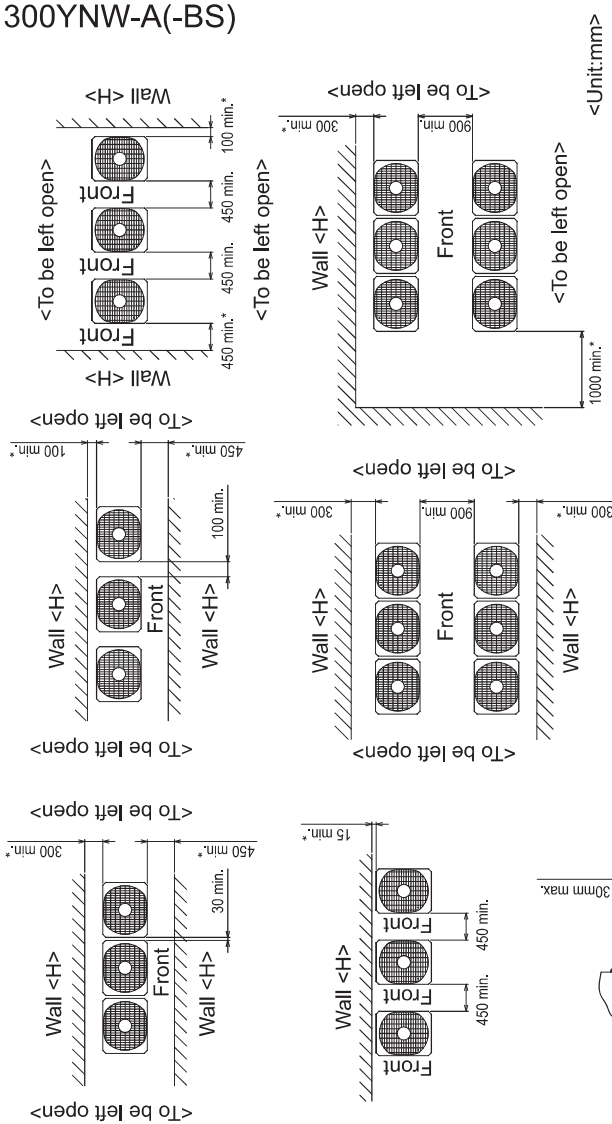


Fig.A (without detachable legs)

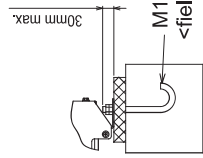


Fig.C (without detachable legs)

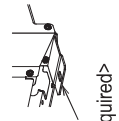


Fig.B (with detachable legs)

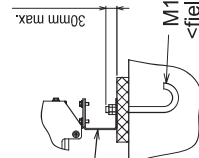
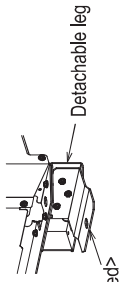


Fig.D (with detachable legs)



Unit: mm

PURY-P350, 400, 450YNW-A(-BS)

Unit: mm

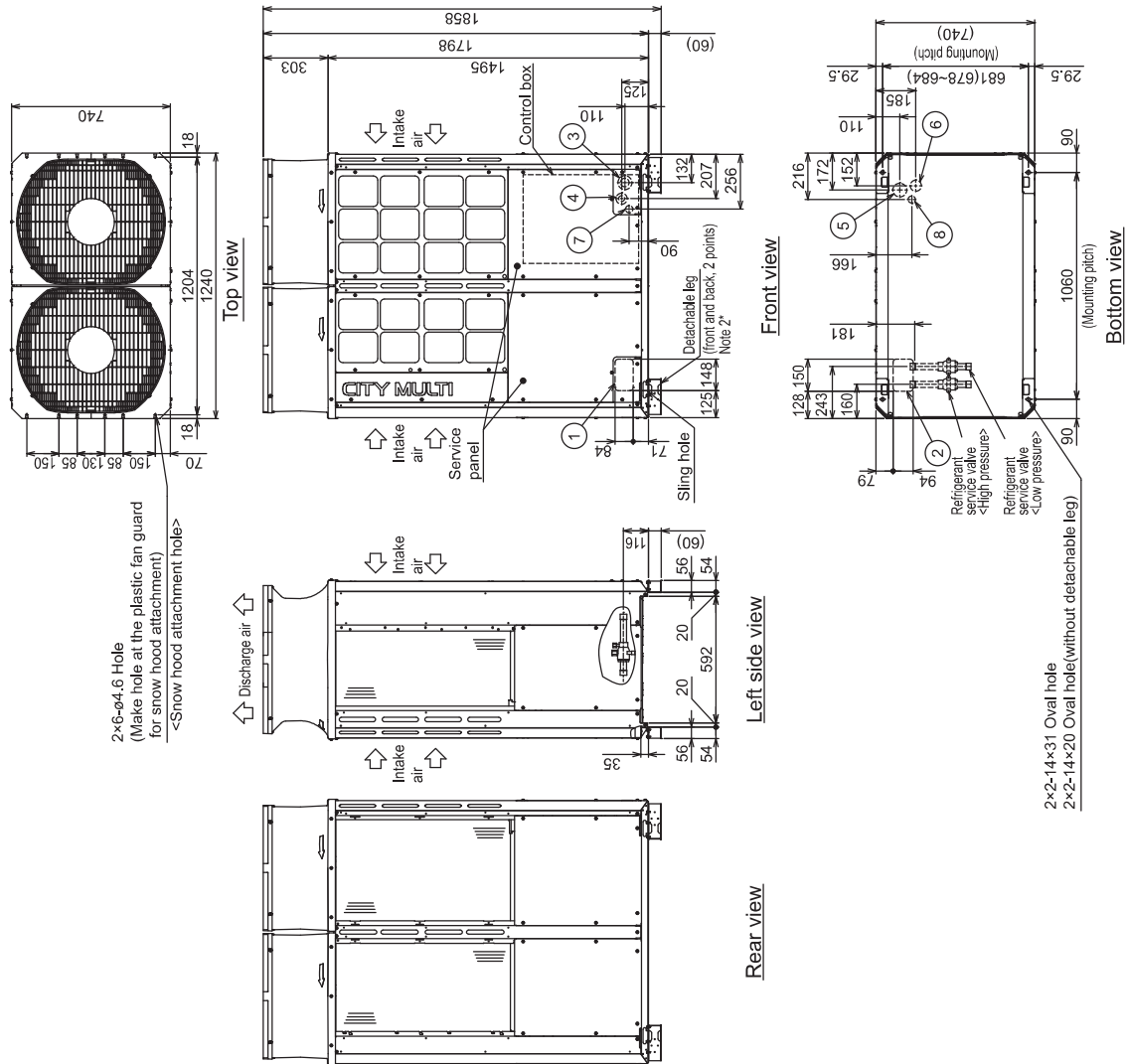
- Note 1. Please refer to the next page for information regarding necessary spacing around the unit and foundation work.  
 2. The detachable leg can be removed at site.  
 3. At brazing of pipes, wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve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

Connecting pipe specifications

Model	Refrigerant pipe		Service valve	
	High pressure	Low pressure	High pressure	Low pressure
P350	ø19.05 Brazed *1	ø28.58 Brazed	ø28.58	ø28.58
P400	ø19.05 Brazed *1	ø28.58 Brazed	ø28.58	ø28.58
P450	ø22.2 Brazed *1	ø28.58 Brazed	ø28.58	ø28.58

\*1 Connect the refrigerant pipe to the service valve according to the Installation Manual.

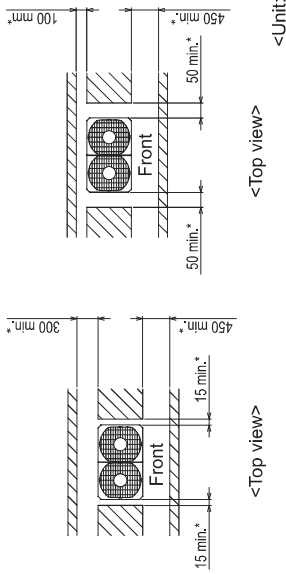
NO.	Usage	Specifications
①	For pipes	Front through hole 148 × 84 Knockout hole
②		Bottom through hole 150 × 94 Knockout hole
③	For wires	Front through hole ø65 or ø40 Knockout hole
④		Bottom through hole ø62 or ø27 Knockout hole
⑤	For transmission cables	Front through hole ø65 Knockout hole
⑥		Bottom through hole ø52 Knockout hole
⑦	For transmission cables	Front through hole ø34 Knockout hole
⑧		Bottom through hole ø34 Knockout hole



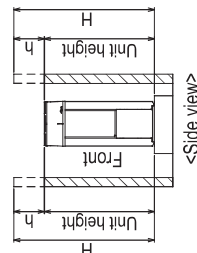
1. Required space around the unit

● In case of single installation

- 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



- When the height of the walls on the front, back or on the sides<H> exceeds the wall height limit as defined below add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.



<Wall height limit> Front : Up to the unit height  
 Back : Up to the unit height  
 Side : Up to the unit height

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 way that the corner of the installation leg is securely supported as shown in the right figure.(Fig.A,B)
  - 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)
- Use four fixing plates as shown in the right figure <field supply required> when using post-installed anchor bolts.(Fig.C,D)
- 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>.
- 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.
- Refer to the Installation Manual when installing units on an installation base.

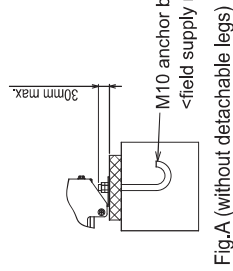


Fig.A (without detachable legs)

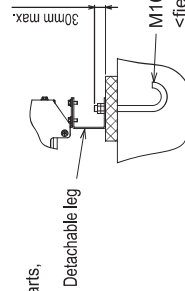


Fig.B (with detachable legs)



Fig.C (without detachable legs)

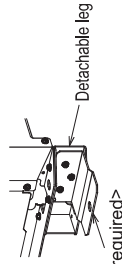


Fig.D (with detachable legs)

● In case of collective installation

- 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.
- At least two sides must be left open.
- As with the single installation, add the height that exceeds the height limit<h> to the figures that are marked with an asterisk.
- If there is a wall at both 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.

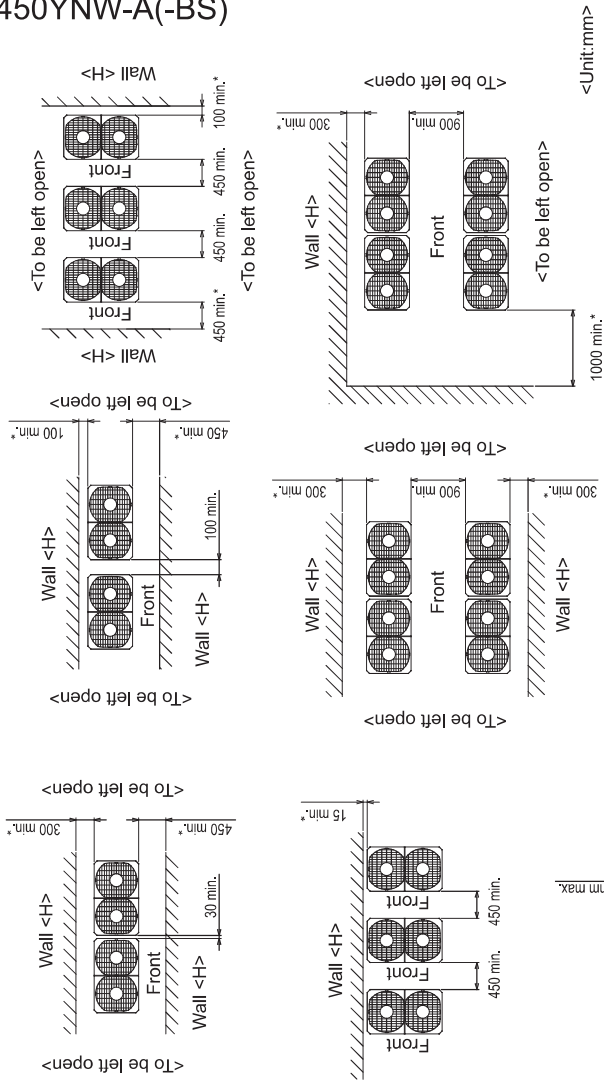


Fig.C (without detachable legs)

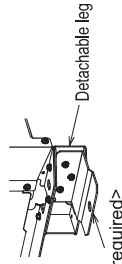


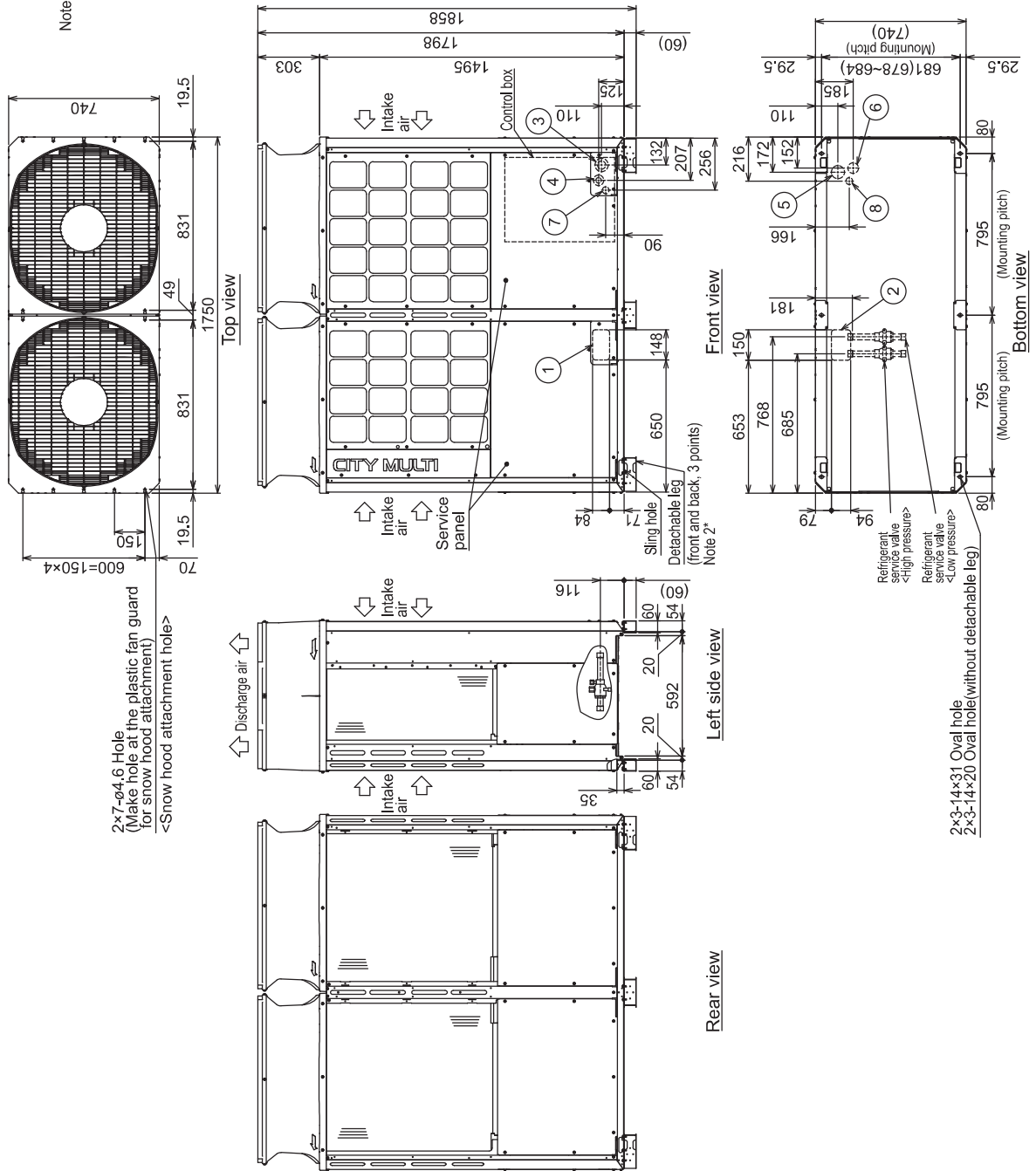
Fig.D (with detachable legs)

Unit:mm

## PURY-P500, 550YNW-A(-BS)

Unit: mm

- Note 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.



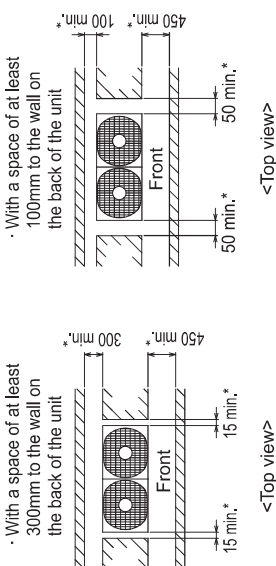
PURY-P500, 550YNW-A(-BS)

Unit: mm

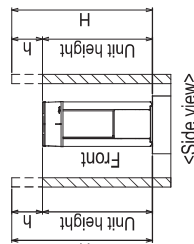
1. Required space around the unit

● In case of single installation

① Secure enough space around the unit as shown in the figure below.



② When the height of the walls on the front, back or on the sides <h> exceeds the wall height limit as defined below add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.



<Wall height limit> Front : Up to the unit height  
Back : Up to the unit height  
Side : Up to the unit height

2. Foundation work

- 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 way that the corner of the installation leg is securely supported as shown in the right figure.(Fig.A,B)  
When using a rubber isolating cushion, please ensure it is large enough to cover the entire width of each of the unit's legs.
- ③ 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 <field supply required> 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 with the installation base.
- ⑦ Refer to the Installation Manual when installing units on an installation base.

● 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 both the front and the rear of the unit, install up to three units consecutively in the side direction and provide a space of 1000mm or more as inlet space/ passage space for each three units.

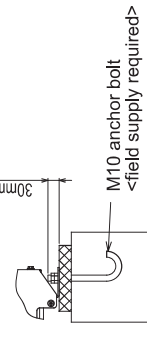
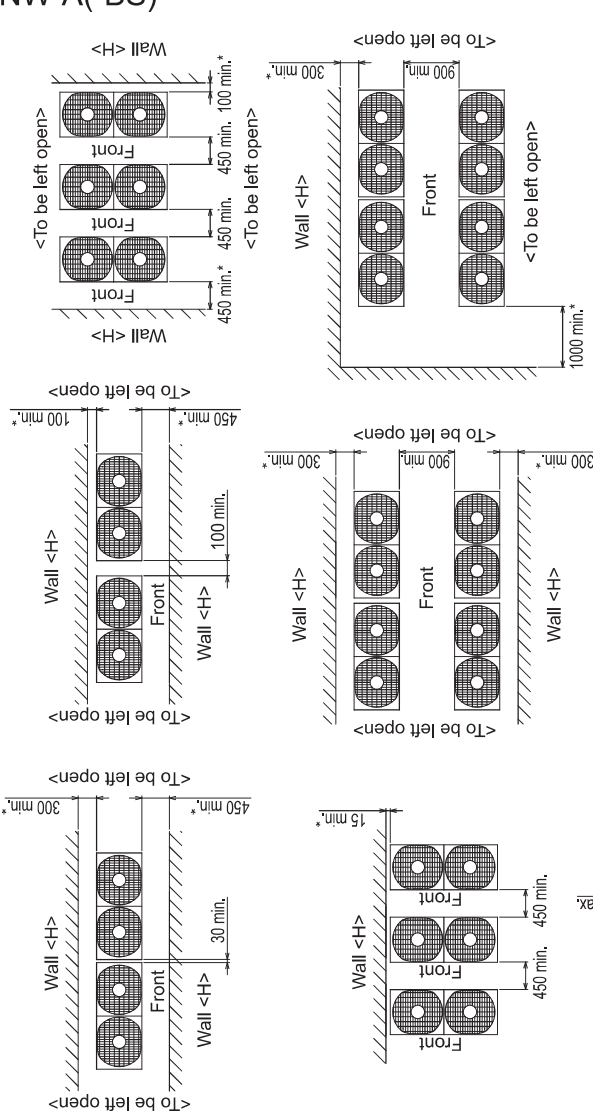


Fig.A (without detachable legs)

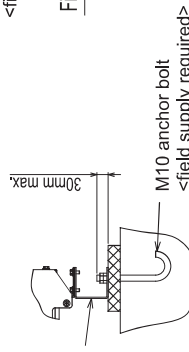


Fig.B (with detachable legs)



Fig.C (without detachable legs)

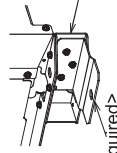


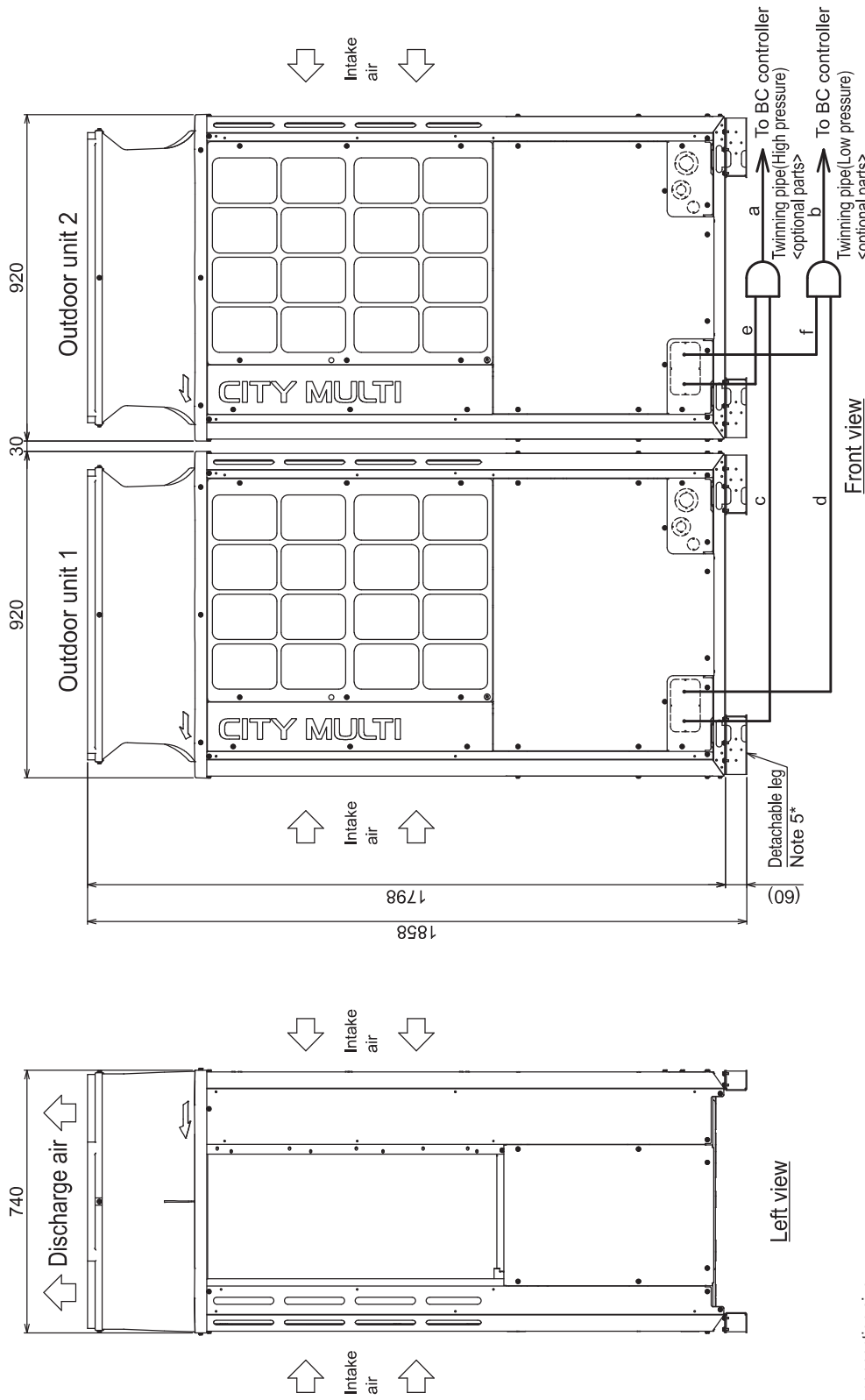
Fig.D (with detachable legs)

## 2. EXTERNAL DIMENSIONS

Outdoor units

PURY-P400, 450, 500, 550, 600YSNW-A(-BS)

Unit: mm



Unit model	High pressure c or e	Low pressure d or f
P200	ø15.88	ø19.05
P250	ø19.05	ø22.2
P300	ø19.05	ø22.2

Package unit name	PURY-P400YSNW-A(-BS)	PURY-P450YSNW-A(-BS)	PURY-P500YSNW-A(-BS)	PURY-P550YSNW-A(-BS)	PURY-P600YSNW-A(-BS)
Outdoor unit 1	PURY-P200YSNW-A(-BS)	PURY-P250YSNW-A(-BS)	PURY-P300YSNW-A(-BS)	PURY-P300YSNW-A(-BS)	PURY-P300YSNW-A(-BS)
Outdoor unit 2	PURY-P200YSNW-A(-BS)	PURY-P250YSNW-A(-BS)	PURY-P250YSNW-A(-BS)	PURY-P250YSNW-A(-BS)	PURY-P300YSNW-A(-BS)
Outdoor Twinning Kit (optional parts)	CMY-R100VBK4				
BC controller	ø22.2				
- Twinning pipe	ø28.58				
High pressure a	ø22.2 (ø28.58)*				
Low pressure b	ø22.2				

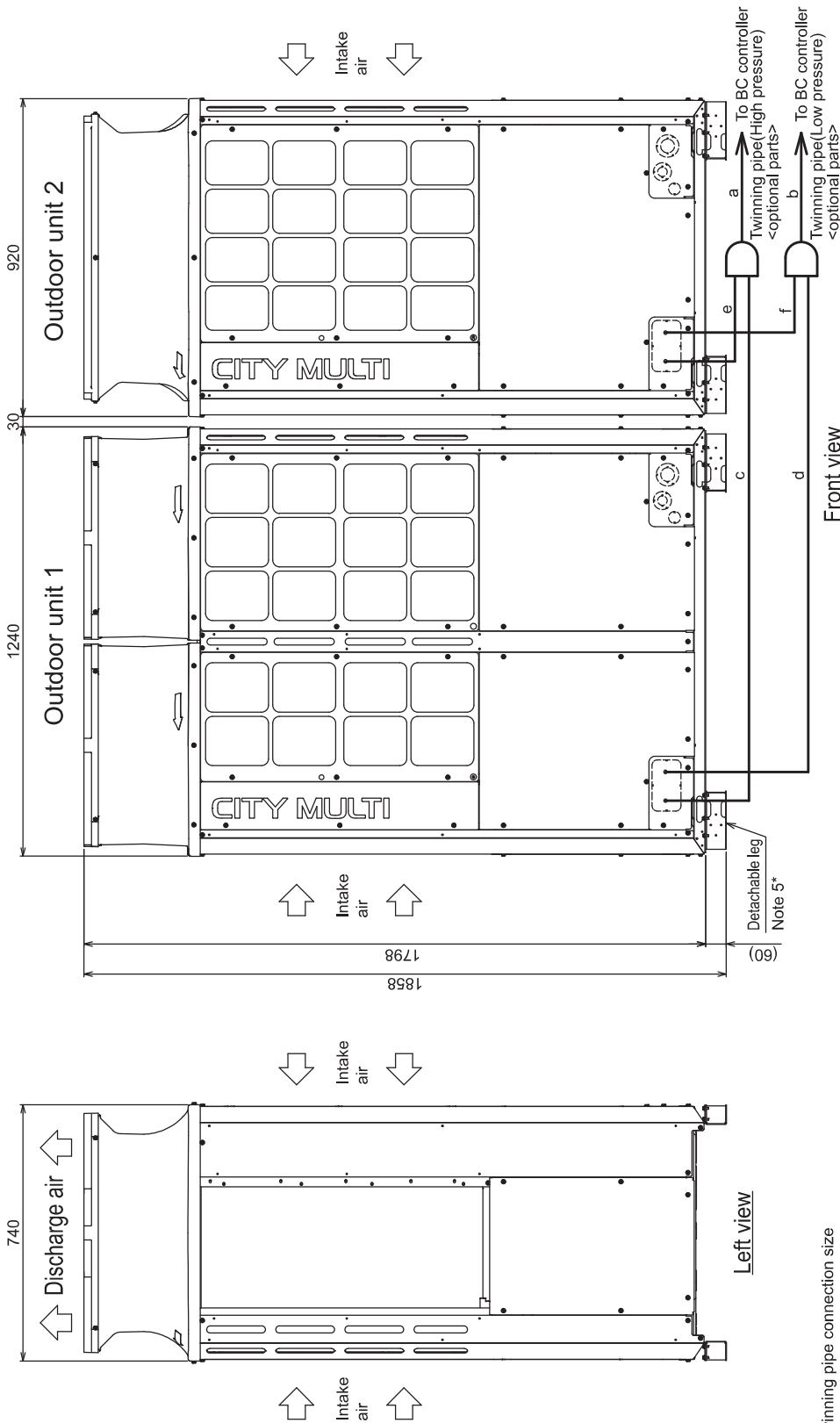
- \* When the piping length is 65m or longer, use the ø28.58 pipe for the part that exceeds 65m.
- Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.
  - Twinning pipes should not be tilted more than 15 degrees from the horizontal plane. Be sure to see the Installation Manual for details of Twinning pipe installation.
  - The pipe section before the Twinning pipe (section "a" and "b" in the figure) must have at least 500mm of straight section (\*including the straight pipe that is supplied with the Twinning pipe).
  - Only use the Twinning pipe by Mitsubishi (optional parts).
  - The detachable leg can be removed at site.

PURY-P-Y(S)NWA

PURY-P650YSNW-A(-BS)

Unit: mm

PURY-P-Y(S)NW-A



Twinning pipe connection size

Package unit name	PURY-P650YSNW-A(-BS)
Component unit name	Outdoor unit 1 PURY-P350YNW-A(-BS) Outdoor unit 2 PURY-P300YNI/A(-BS)
Outdoor Twinning Kit(optional parts)	CMY-R100VBK4
BC controller	High pressure a Low pressure b
~Twinning pipe	High pressure a Low pressure b
	ø28.58 ø28.58

Unit model	High pressure c or e	Low pressure d or f
Twinning pipe~Outdoor unit	P300 ø19.05	P350 ø22.2 ø28.58

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

Note 2. Twinning pipes should not be tilted more than 15 degrees from the horizontal plane.

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

Note 4. The pipe section before the Twinning pipe (section "a" and "b" in the figure) must have at least 500mm of straight section (\*including the straight pipe that is supplied with the Twinning pipe).

Note 5. Only use the Twinning pipe by Mitsubishi (optional parts).

Note 6. The detachable leg can be removed at site.

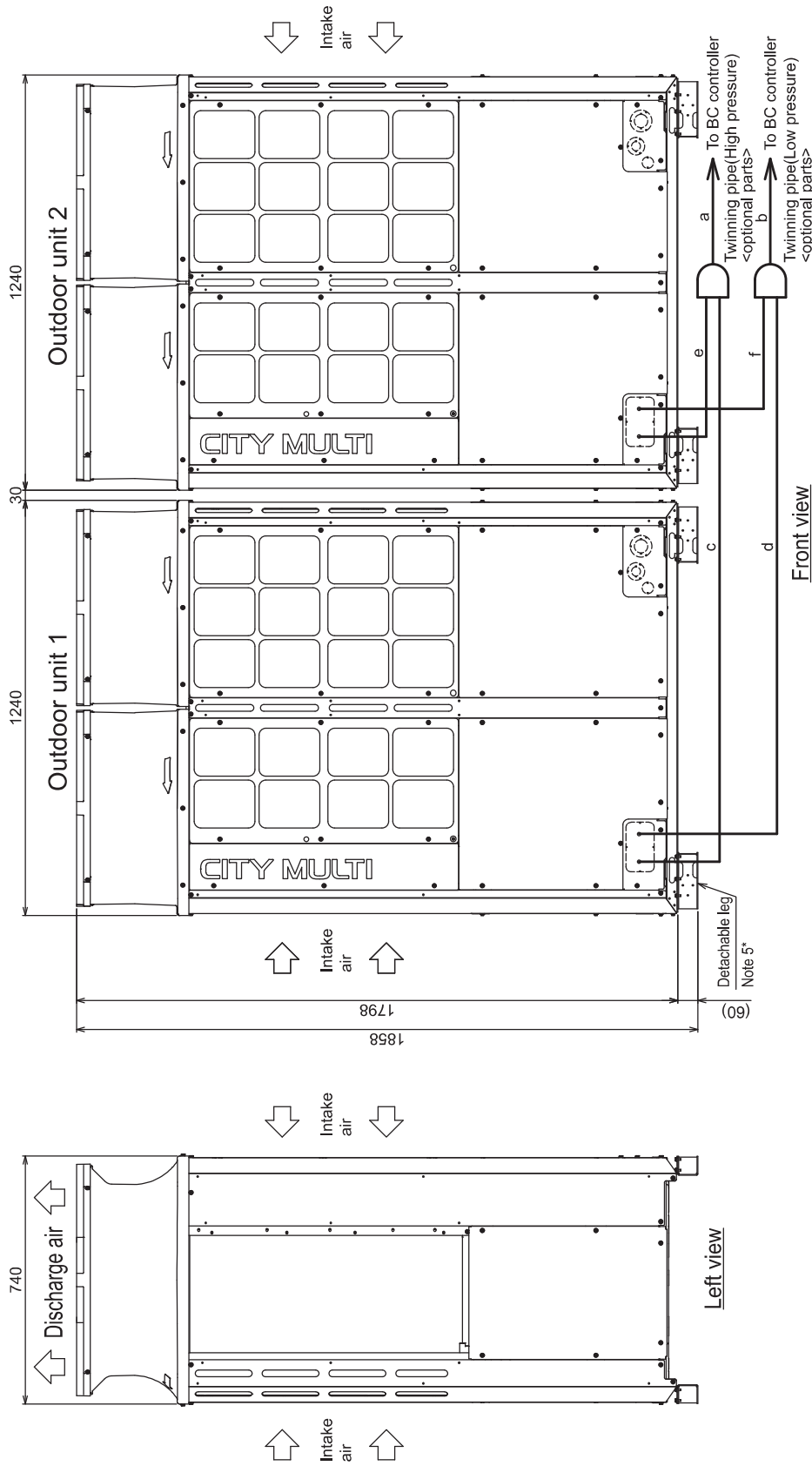


## 2. EXTERNAL DIMENSIONS

Outdoor units

PURY-P700, 750, 800, 850, 900YSNW-A(-BS)

Unit: mm



Front view

Left view

Twinning pipe connection size

Package unit name	PURY-P700YSNW-A(-BS)	PURY-P750YSNW-A(-BS)	PURY-P800YSNW-A(-BS)	PURY-P850YSNW-A(-BS)	PURY-P900YSNW-A(-BS)
Outdoor unit 1	PURY-P350YSNW-A(-BS)	PURY-P400YSNW-A(-BS)	PURY-P450YSNW-A(-BS)	PURY-P450YSNW-A(-BS)	PURY-P450YSNW-A(-BS)
Outdoor unit 2	PURY-P350YSNW-A(-BS)	PURY-P350YSNW-A(-BS)	PURY-P400YSNW-A(-BS)	PURY-P400YSNW-A(-BS)	PURY-P450YSNW-A(-BS)
Outdoor Twinning Kit (optional parts)	CMY-R200VBK4				
BC controller					
- Twinning pipe	ø34.93				
High pressure	ø28.58				
Low pressure	ø41.28				

Unit model	High pressure	Low pressure
P350	c or e ø19.05	d or f ø28.58
P400	ø22.2	ø28.58
P450	ø22.2	ø28.58

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

Note 2. Twinning pipes should not be tilted more than 15 degrees from the horizontal plane.

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

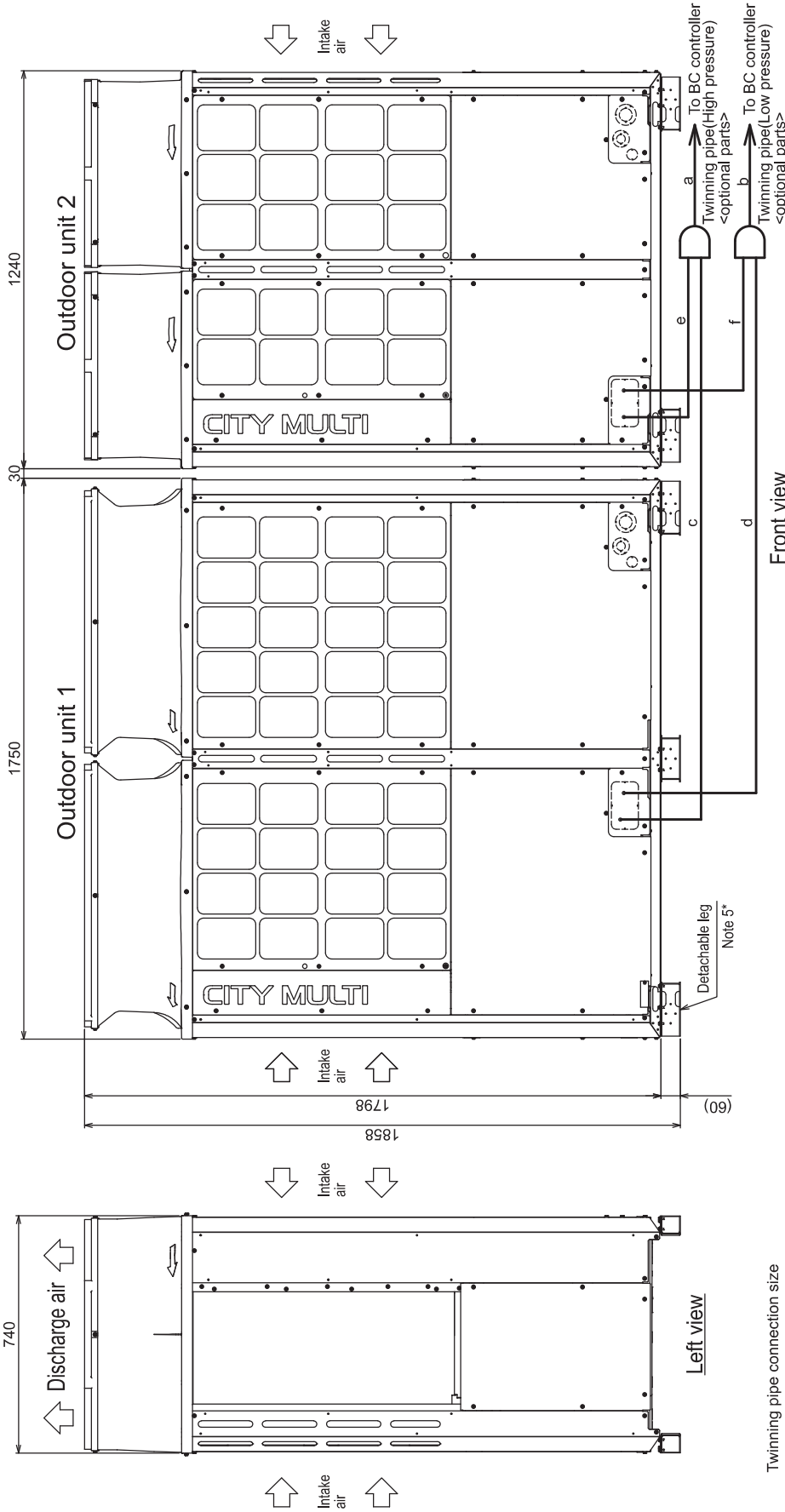
Note 4. The pipe section before the Twinning pipe (section "a" and "b" in the figure) must have at least 500mm of straight section (\*including the straight pipe that is supplied with the Twinning pipe).

Note 5. Only use the Twinning pipe by Mitsubishi (optional parts).

Note 6. The detachable leg can be removed at site.

PURY-P950YSNW-A(-BS)

Unit: mm



Unit model	High pressure	Low pressure
P450	c or e ø22.2	d or f ø28.58
P500	ø22.2	ø28.58

Twinning pipe connection size

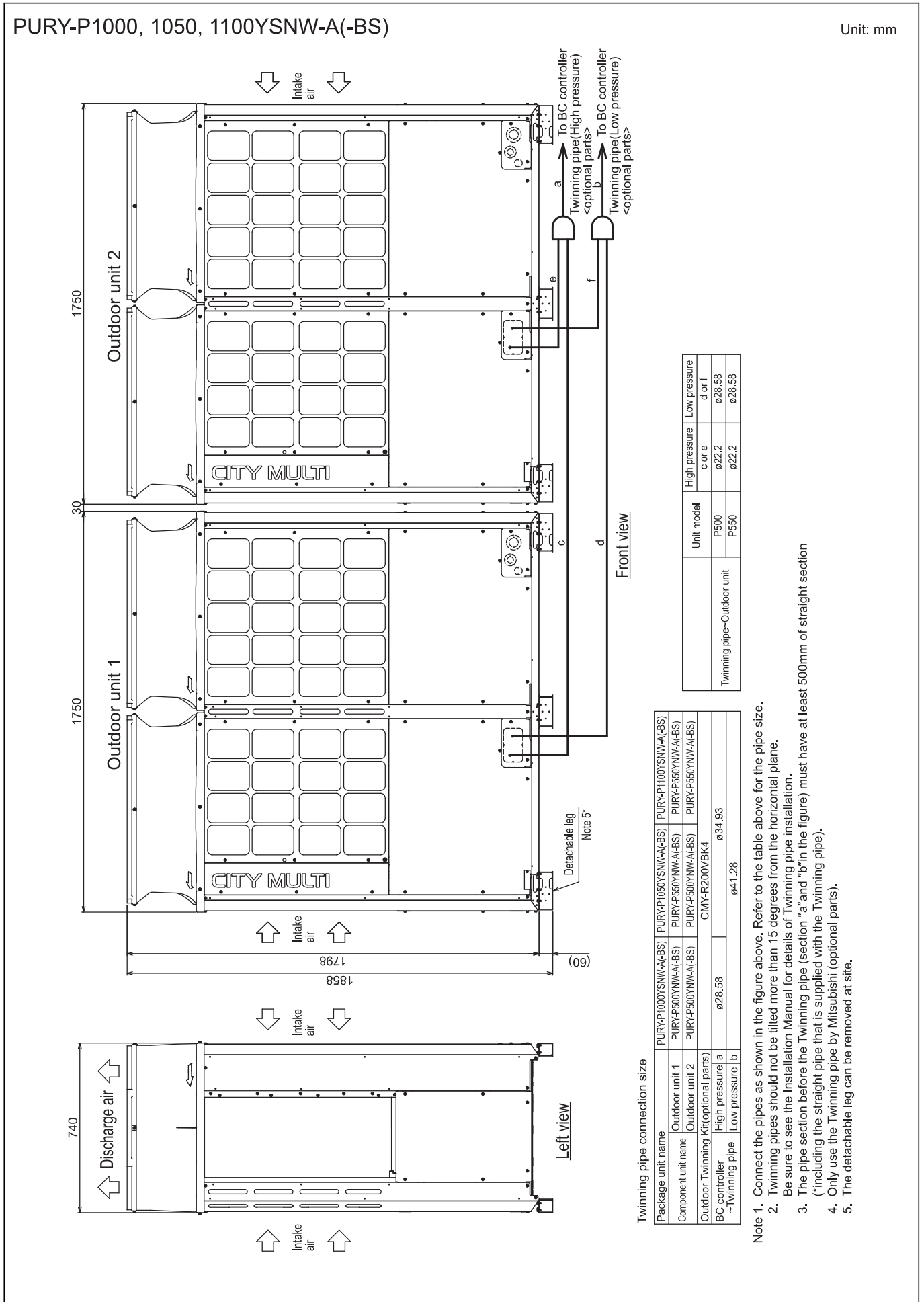
Package unit name	PURY-P950YSNW-A(-BS)
Outdoor unit 1	PURY-P500YSNW-A(-BS)
Outdoor unit 2	PURY-P450YSNW-A(-BS)
Outdoor Twinning Kit(optional parts)	CMY-R200VBK4
BC controller	a ø28.58
-Twinning pipe	b ø41.28

- Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.  
 2. Twinning pipes should not be tilted more than 15 degrees from the horizontal plane. Be sure to see the Installation Manual for details of Twinning pipe installation.  
 3. The pipe section before the Twinning pipe (section "a" and "b" in the figure) must have at least 500mm of straight section (\*including the straight pipe that is supplied with the Twinning pipe).  
 4. Only use the Twinning pipe by Mitsubishi (optional parts).  
 5. The detachable leg can be removed at site.

PURY-P-Y(S)NW-A

## 2. EXTERNAL DIMENSIONS

Outdoor units

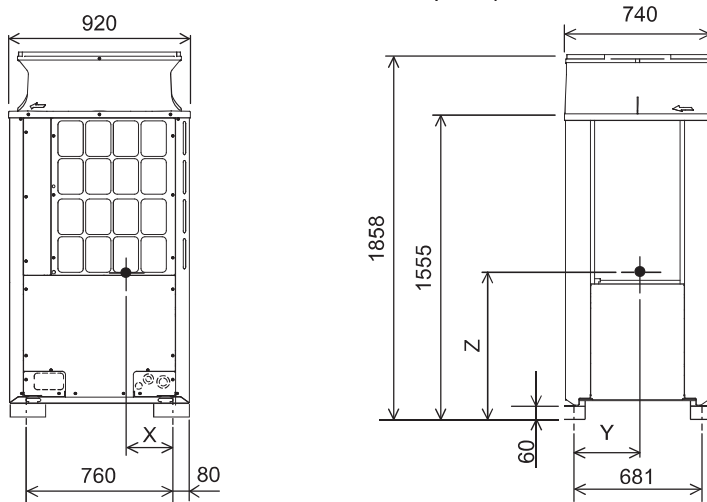


PURY-P-Y(S)NWA

### 3. CENTER OF GRAVITY

Outdoor units

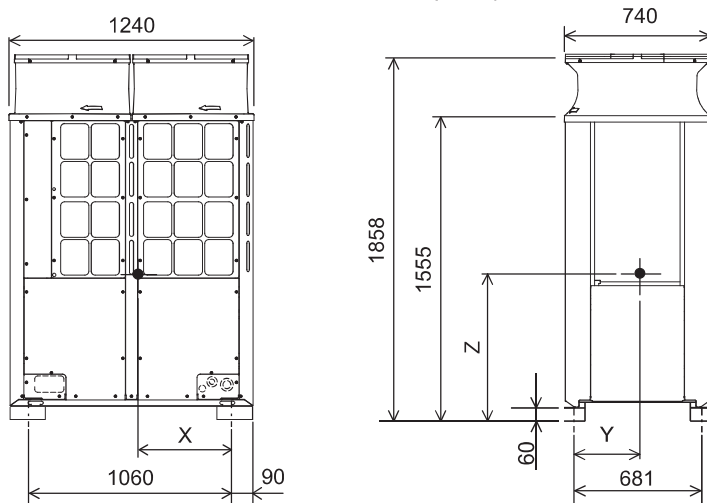
#### PURY-P200, 250, 300YNW-A (-BS)



Unit: mm

Model	X	Y	Z
PURY-P200YNW-A(-BS)	356	338	668
PURY-P250YNW-A(-BS)	356	338	668
PURY-P300YNW-A(-BS)	357	338	665

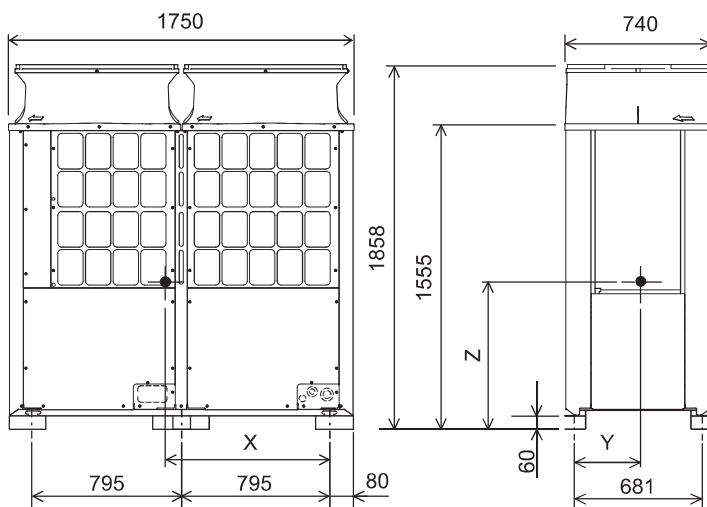
#### PURY-P350, 400, 450YNW-A (-BS)



Unit: mm

Model	X	Y	Z
PURY-P350YNW-A(-BS)	502	344	714
PURY-P400YNW-A(-BS)	502	344	714
PURY-P450YNW-A(-BS)	501	345	741

#### PURY-P500, 550YNW-A (-BS)



Unit: mm

Model	X	Y	Z
PURY-P500YNW-A(-BS)	871	305	720
PURY-P550YNW-A(-BS)	871	305	720

PURY-P-Y(S)NW-A