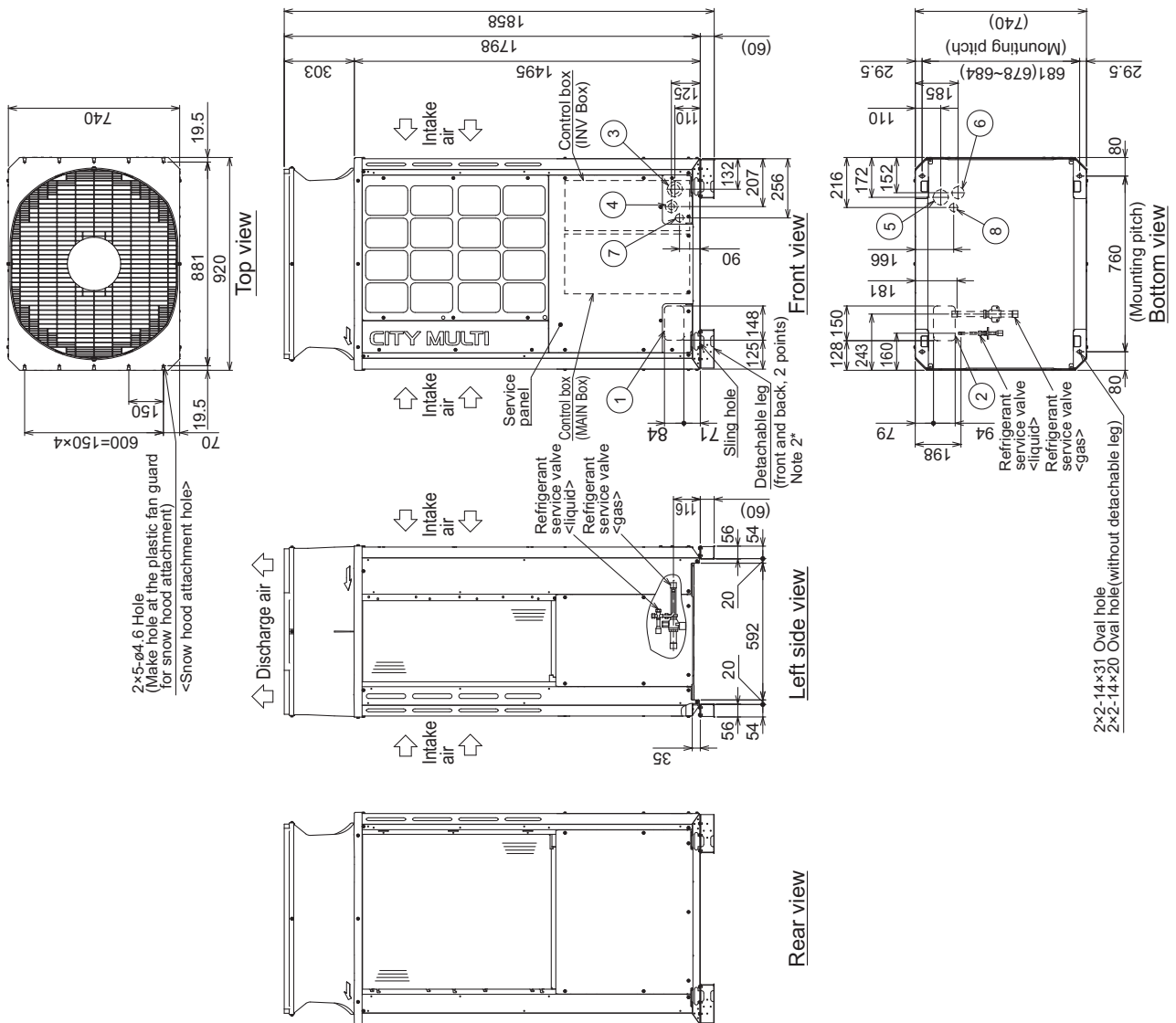


PUHY-P200, 250, 300YNW-A(-BS)

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.



Connecting pipe specifications

Model	Refrigerant pipe		Service valve	
	Liquid	Gas	Liquid	Gas
P200	φ9.52 Brazed	φ22.2 Brazed	φ9.52	φ22.2
P250	φ9.52 Brazed (φ12.7 Brazed) *1,*3	φ22.2 Brazed	φ9.52	φ22.2
P300	φ9.52 Brazed (φ12.7 Brazed) *1,*2,*4	φ22.2 Brazed	φ9.52	φ22.2

*1 Connect the refrigerant pipe to the service valve according to the Installation Manual.
 *2 Indicates dimensions and connection specifications in the case the unit is used in combination with other outdoor units.
 *3 Furthest piping length (OU from IU) ≥ 90m
 *4 Furthest piping length (OU from IU) ≥ 40m

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 φ65 or φ40 Knockout hole
④		Bottom through hole φ52 or φ27 Knockout hole
⑤	For transmission cables	Front through hole φ65 Knockout hole
⑥		Bottom through hole φ34 Knockout hole

PUHY-P200, 250, 300YNW-A(-BS)

Unit: mm

PUHY-P-Y(S)NW-A

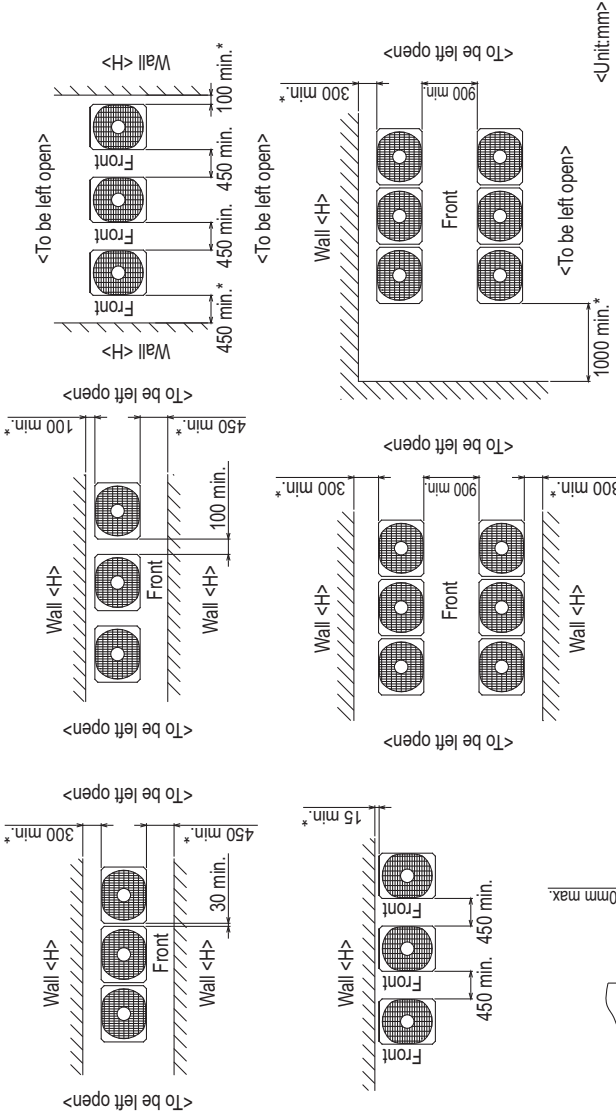
1. Required space around the unit

● 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.
 - Front : Up to the unit height
 - Back : Up to the unit height
 - Side : Up to the unit height

● 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.



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.

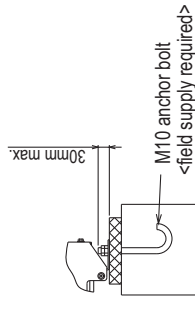


Fig.A (without detachable legs)

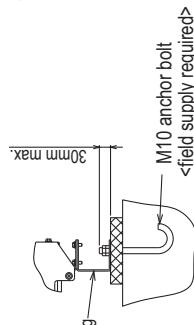


Fig.B (with detachable legs)



Fig.C (without detachable legs)

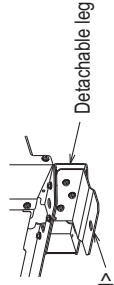


Fig.D (with detachable legs)

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

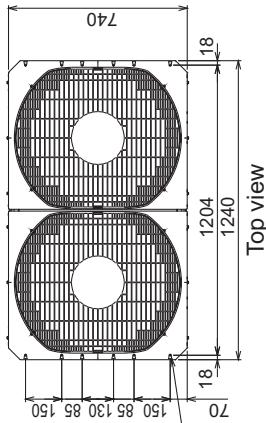
Unit: mm

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.

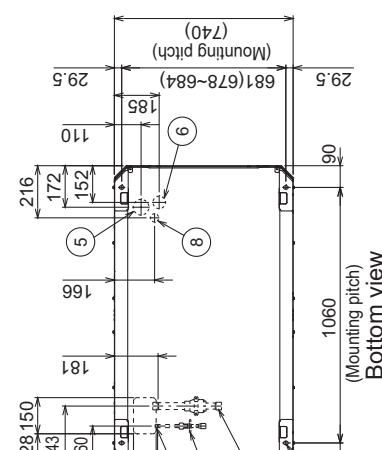
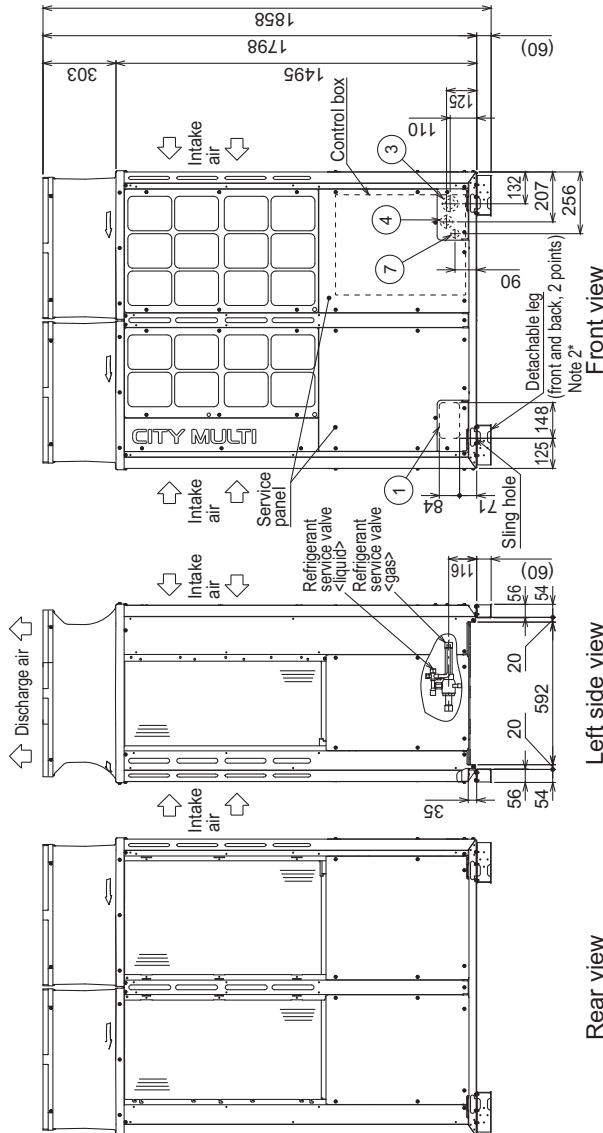
Model	Refrigerant pipe		Diameter		Service valve
	Liquid	Gas	Gas	Liquid	
P350	ø12.7 Brazed				Gas
P400	ø12.7 Brazed		ø28.58 Brazed	ø12.7	Gas
P450	ø15.88 Brazed *1,2		ø28.58 Brazed *1,2	ø12.7	Gas
	ø15.88 Brazed *1				ø28.58

*1 Connect the refrigerant pipe to the service valve according to the Installation Manual.
 *2 Indicates dimensions and connection specifications in the case the unit is used in combination with other outdoor units. (Except for P650)

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



2x6-ø46 Hole
 (Make hole at the plastic fan guard for snow hood attachment)
 <Snow hood attachment hole>



2x2-14x31 Oval hole
 2x2-14x20 Oval hole (without detachable leg)

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

Unit: mm

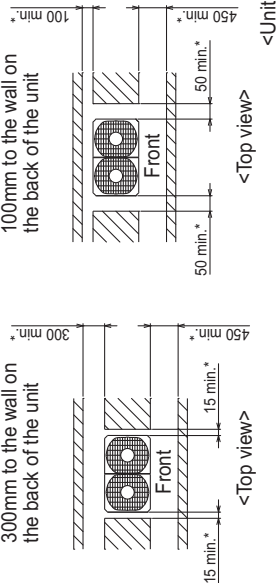
PUHY-P-Y(S)NW-A

1. Required space around the unit

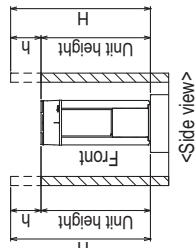
● In case of single installation

- 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



- 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 six units consecutively in the side direction and provide a space of 1000mm or more as inlet space/ passage space for each six units.

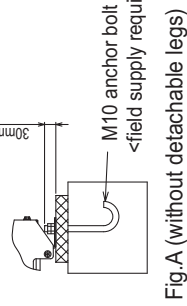
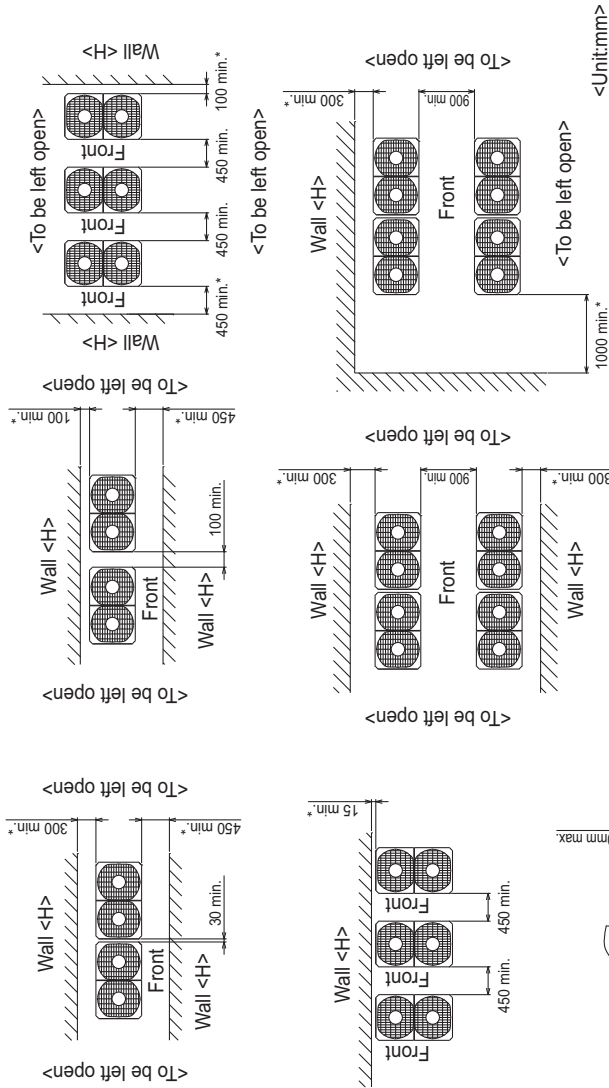


Fig.A (without detachable legs)

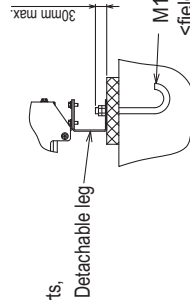


Fig.B (with detachable legs)

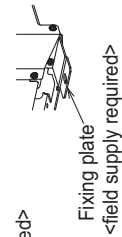


Fig.C (without detachable legs)

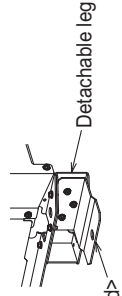
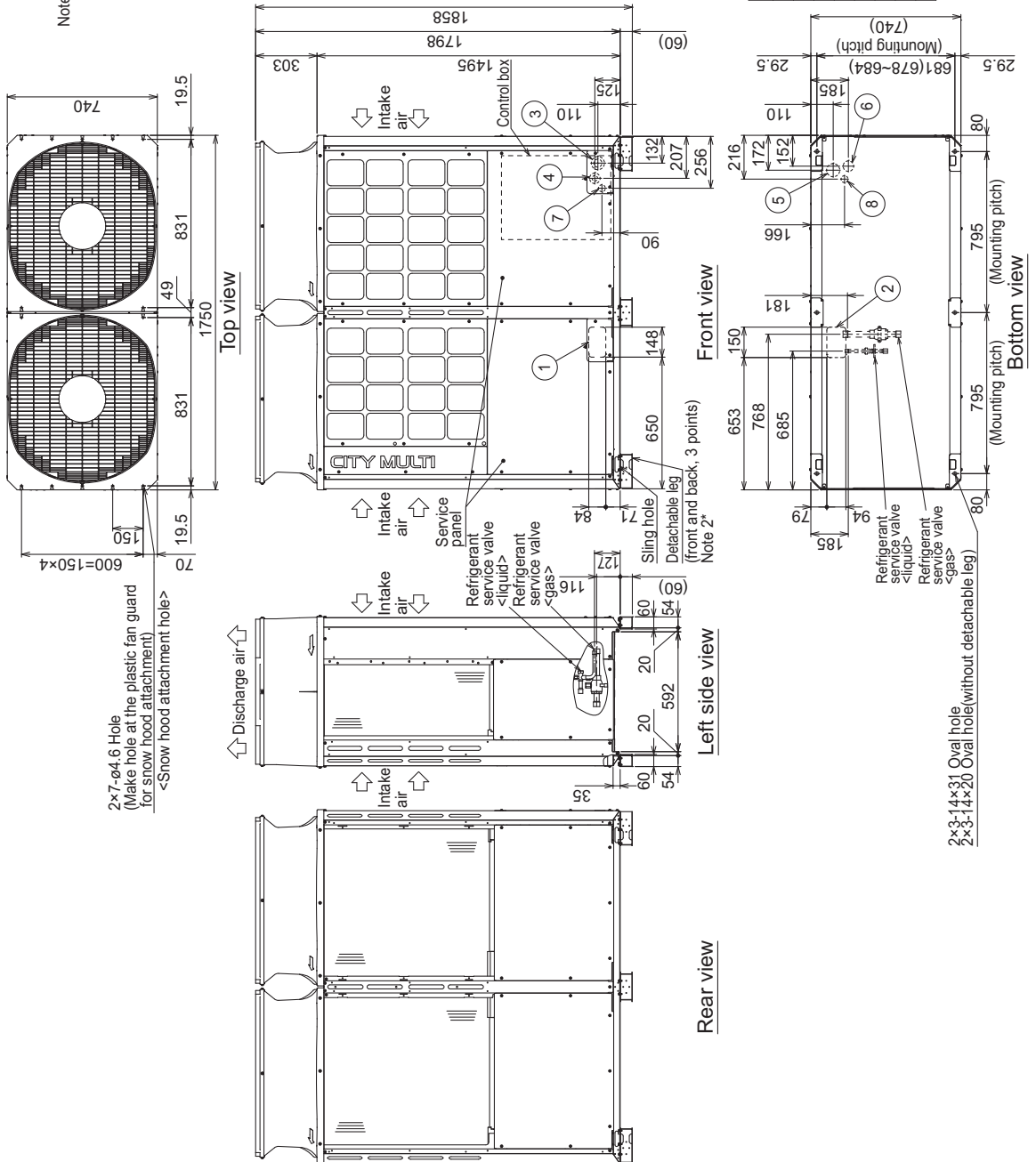


Fig.D (with detachable legs)

PUHY-P500YNW-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	
	Liquid	Gas	Liquid	Gas
P500	ø15.88 Brazed	ø28.58 Brazed	ø15.88	ø28.58

NO.	Usage	Specifications
①	For pipes	Front through hole 148 x 84 Knockout hole
②		Bottom through hole 150 x 94 Knockout hole
③	For wires	Front through hole ø65 or ø40 Knockout hole
④		Front through hole ø52 or ø27 Knockout hole
⑤		Bottom 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

2x7-ø4.6 Hole
 (Make hole at the plastic fan guard
 for snow hood attachment)
 <Snow hood attachment hole>

2x3.14x31 Oval hole
 2x3.14x20 Oval hole(without detachable leg)

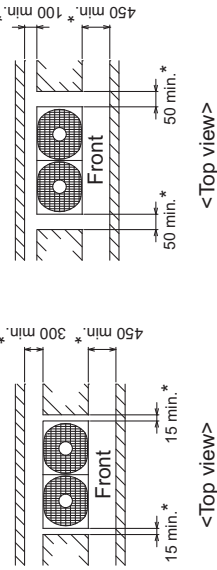
PUHY-P500YNW-A(-BS)

Unit: mm

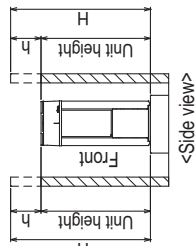
1. Required space around the unit

In case of single installation

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



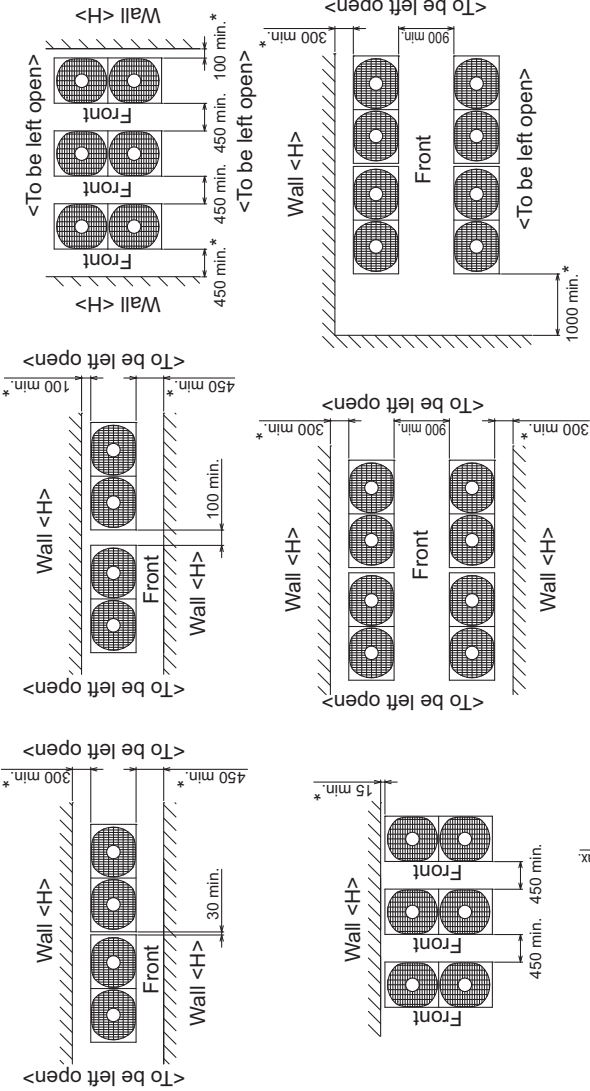
- ② When the height of the walls on the front, back or on the sides <H> exceeds the wall height limit as defined below add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.



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

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.



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.

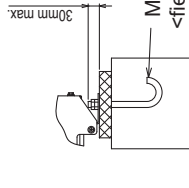


Fig.A (without detachable legs)

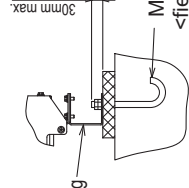


Fig.B (with detachable legs)

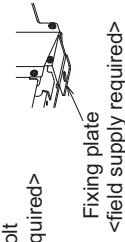


Fig.C (without detachable legs)

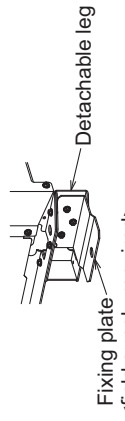


Fig.D (with detachable legs)

<Unit:mm>