PURY-EP200, 250, 300YNW-A2/TR2/RU2 (-BS)

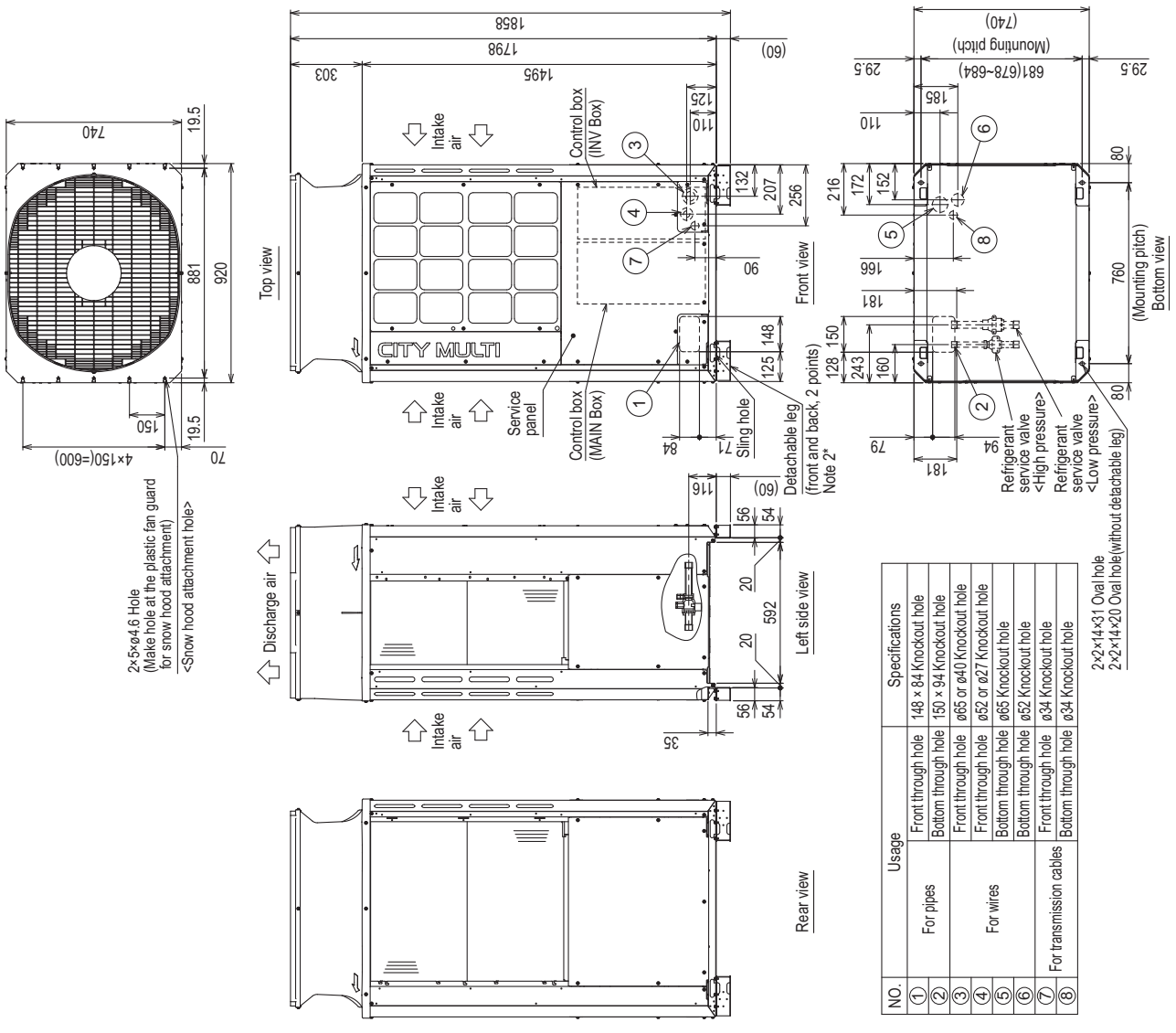
Unit: mm

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 specification

Model	Diameter			
	Refrigerant pipe		Service valve	
	High pressure	Low pressure	High pressure	Low pressure
EP200	ø15.88 Brazed*1	ø19.05 Brazed*1	ø22.2	ø28.58
EP250	ø19.05 Brazed*1	ø22.2 Brazed*1	ø22.2	ø28.58
EP300	ø19.05 Brazed*1	ø22.2 Brazed*1	ø22.2	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		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

PURY-EP200, 250, 300YNW-A2/TR2/RU2 (-BS)

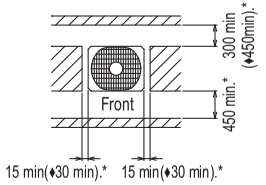
♦:When installing a panel heater<Optional parts>

1. Required space around the unit

●In case of single installation

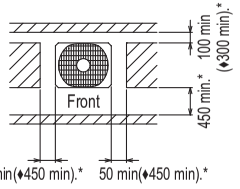
①Secure enough space around the unit as shown in the figure below.

· With a space of at least 300mm(♦450mm) to the wall on the back of the unit



<Top view>

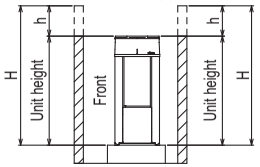
· With a space of at least 100mm(♦300mm) to the wall on the back of the unit



<Top view>

<Unit:mm>

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



<Side view>

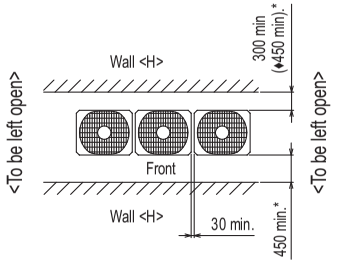
<Wall height limit> Front : Up to the unit height
Back : Up to the unit height
Side : Up to the unit height

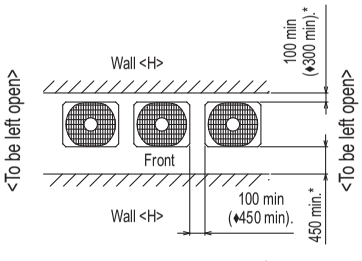
2. Foundation work

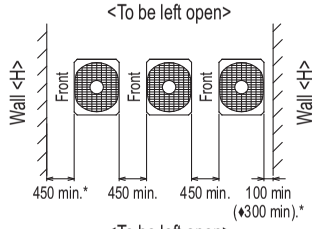
①Take into consideration the surface strength, water drainage route, piping route, and wiring route when preparing the installation site.
<Note that the drain water comes out of the unit during operation.>
②Build the foundation in such way that the corner of the installation leg is securely supported 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.
③The protrusion length of the anchor bolt must not exceed 30mm.(Fig.A,B)
④Use four fixing plates as shown in the right figure <field supply required> when using M12 hole-in anchor bolts <field supply required>.(Fig.C,D)
⑤To 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>.
⑥When 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.
⑦Refer to the Installation Manual when installing units on an installation base.

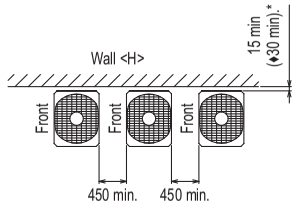
●In case of collective installation

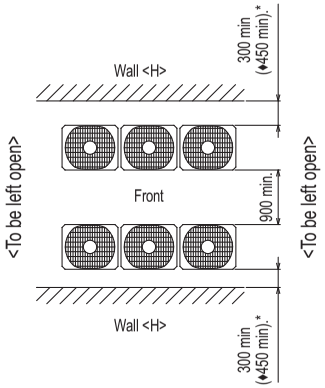
①When multiple units are installed adjacent to each other, secure enough space to allow for air circulation and walkway between groups of units as shown in the figures below.
②At least two sides must be left open.
③As with the single installation, add half of the hight that exceeds the height limit <h/2> to the figures that are marked with an asterisk(*).
④If 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.

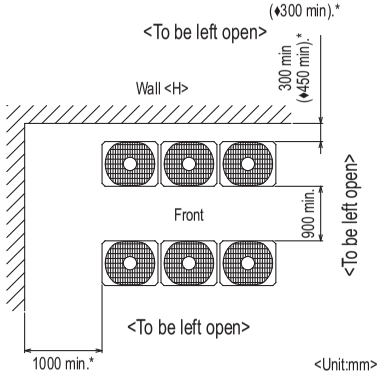












<Unit:mm>

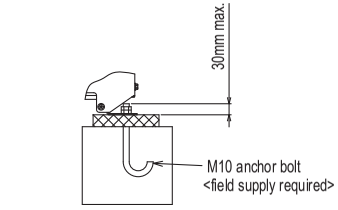


Fig.A (without detachable legs)

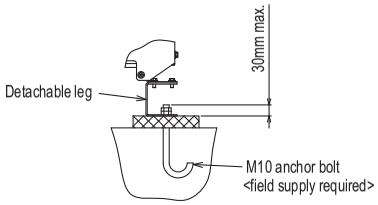


Fig.B (with detachable legs)

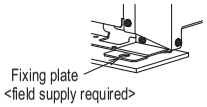


Fig.C (without detachable legs)

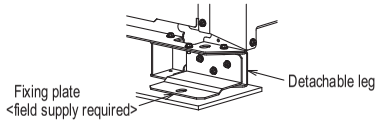


Fig.D (with detachable legs)

♦Outline dwg at panel heater installation

Unit: mm

PURY-EP350, 400, 450YNW-A2/TR2/RU2 (-BS)

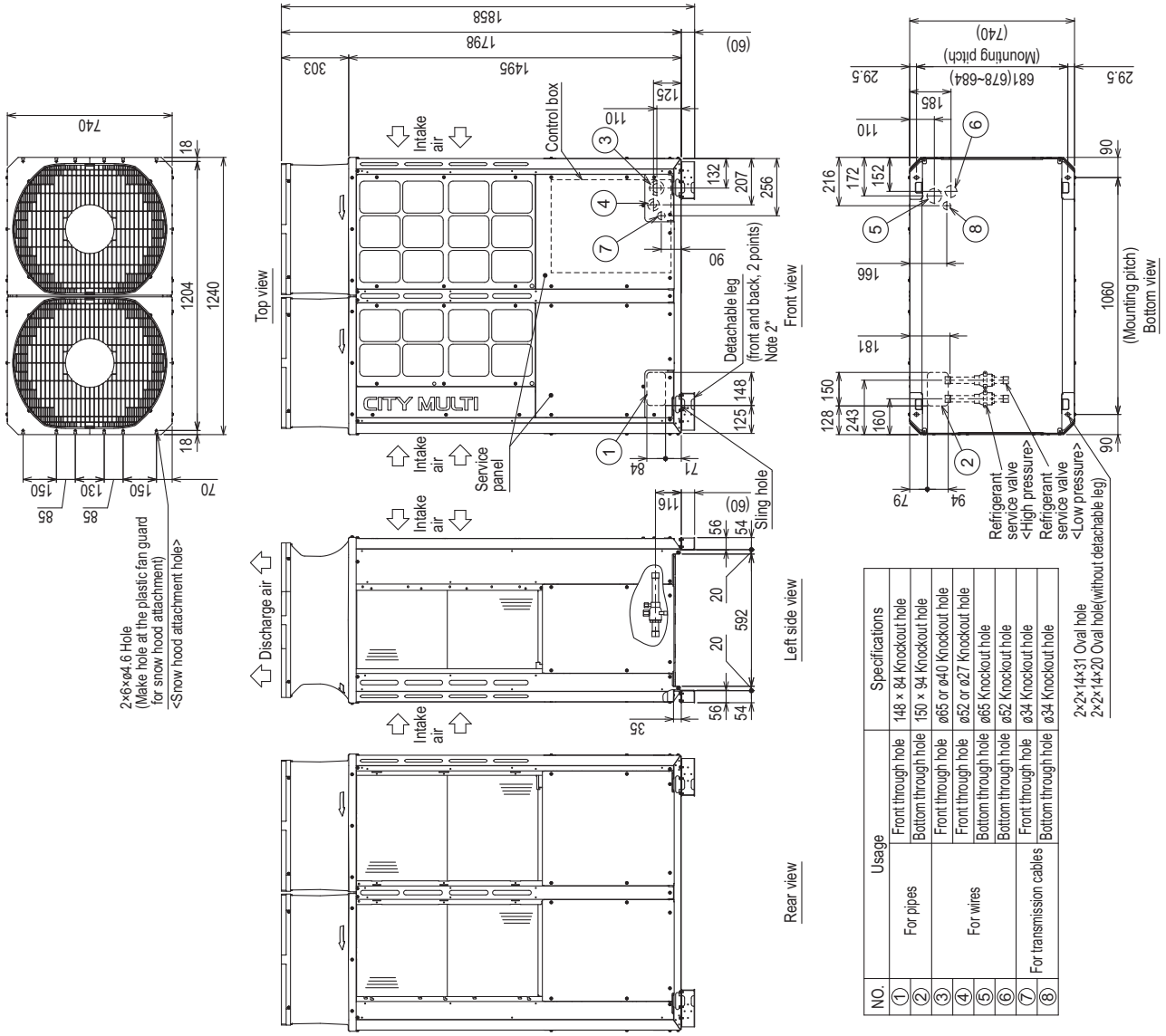
Unit: mm

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 specification

Model	Diameter			
	Refrigerant pipe		Service valve	
	High pressure	Low pressure	High pressure	Low pressure
EP350	ø19.05 Brazed*1	ø28.58 Brazed	ø28.58	ø28.58
EP400	ø22.2 Brazed*1	ø28.58 Brazed	ø28.58	ø28.58
EP450	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		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

PURY-EP350, 400, 450YNW-A2/TR2/RU2 (-BS)

Unit: mm

♦:When installing a panel heater<Optional parts>

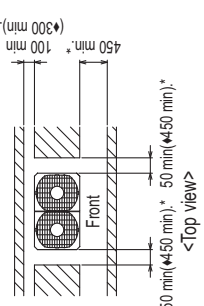
1. Required space around the unit

●In case of single installation

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

· With a space of at least 300mm(♦450mm) to the wall on the back of the unit

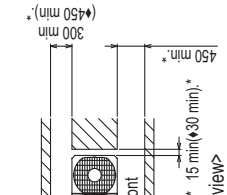
· With a space of at least 100mm(♦300mm) to the wall on the back of the unit



<Unit:mm>

②When the height of the walls on the front, back or on the sides <H> exceeds the wall height limit as defined below add half of the height that exceeds the height limit <h/2> 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



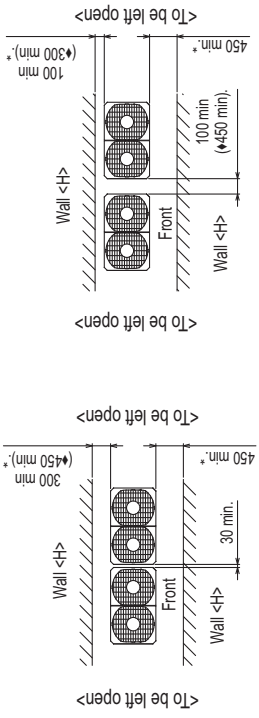
●In case of collective installation

①When 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.

②At least two sides must be left open.

③As with the single installation, add half of the hight that exceeds the height limit <h/2> to the figures that are marked with an asterisk(*).

④If 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.



<Unit:mm>

Fig.C (without detachable legs)

Fig.D (with detachable legs)

♦Outline dwg at panel heater installation

Fig.A (without detachable legs)

Fig.B (with detachable legs)

2. Foundation work

①Take 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.>

②Build 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.

③The protrusion length of the anchor bolt must not exceed 30mm.(Fig.A,B)

④Use four fixing plates as shown in the right figure <field supply required> when using M12 hole-in anchor bolts <field supply required>.(Fig.C,D)

⑤To 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>.

⑥When 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.

⑦Refer to the Installation Manual when installing units on an installation base.

PURY-EP500, 550YNW-A2/TR2/RU2 (-BS)

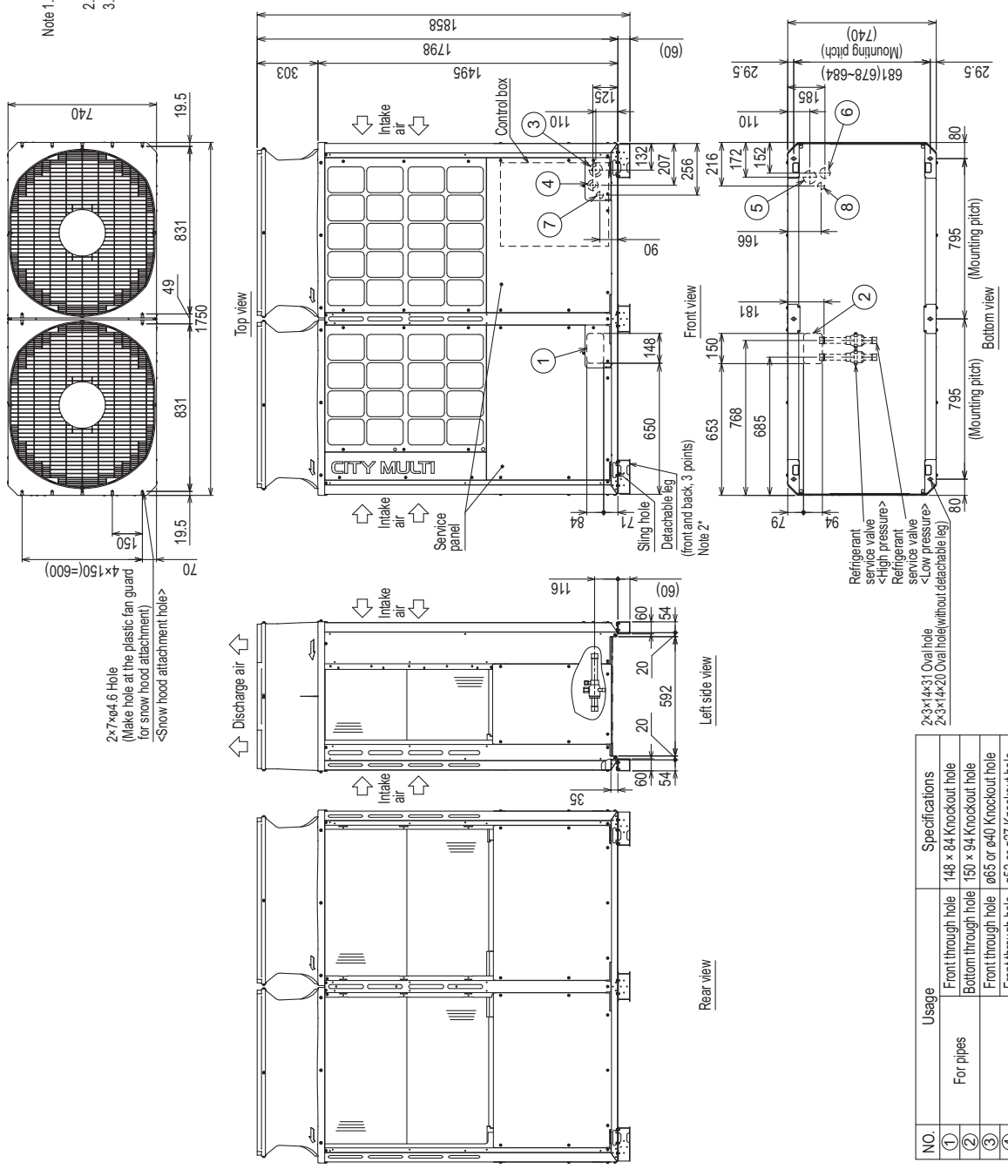
Unit: mm

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 specification

Model	Diameter			
	Refrigerant pipe		Service valve	
	High pressure	Low pressure	High pressure	Low pressure
EP500	ø22.2 Brazed *1	ø28.58 Brazed	ø28.58	ø28.58
EP550	ø22.2 Brazed *1 ø28.58 Brazed *2	ø28.58 Brazed	ø28.58	ø28.58

*1 Connect the refrigerant pipe to the service valve according to the Installation Manual.
*2 When the piping length is 65m or longer, use the ø28.58 pipe for the part that exceeds 65m.



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		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

PURY-EP500, 550YNW-A2/TR2/RU2 (-BS)

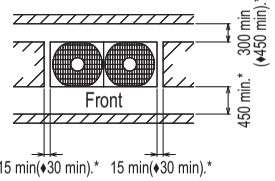
♦:When installing a panel heater<Optional parts>

1. Required space around the unit

●In case of single installation

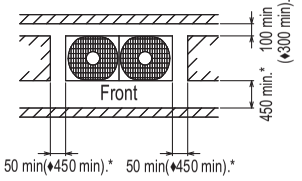
①Secure enough space around the unit as shown in the figure below.

· With a space of at least 300mm(♦450mm) to the wall on the back of the unit



<Top view>

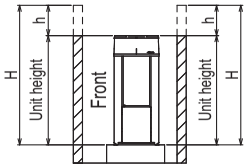
· With a space of at least 100mm(♦300mm) to the wall on the back of the unit



<Top view>

<Unit:mm>

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



<Side view>

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

2. Foundation work

①Take 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.>

②Build 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.

③The protrusion length of the anchor bolt must not exceed 30mm.(Fig.A,B)

④Use six fixing plates as shown in the right figure <field supply required> when using M12 hole-in anchor bolts <field supply required>.(Fig.C,D)

⑤To 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>.

⑥When 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.

⑦Refer to the Installation Manual when installing units on an installation base.

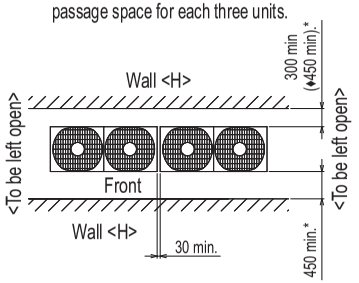
●In case of collective installation

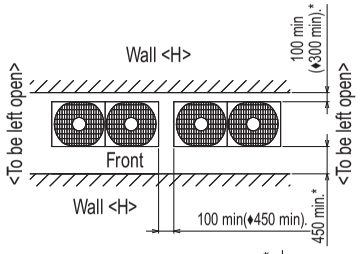
①When multiple units are installed adjacent to each other, secure enough space to allow for air circulation and walkway between groups of units as shown in the figures below.

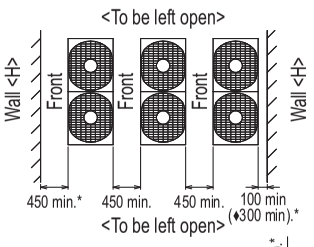
②At least two sides must be left open.

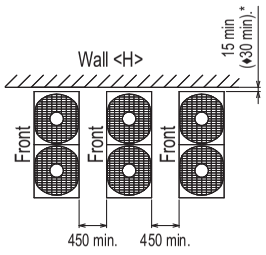
③As with the single installation, add half of the hight that exceeds the height limit <h/2> to the figures that are marked with an asterisk(*).

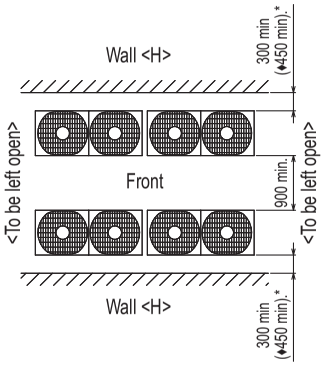
④If there is a wall at both the front and the rear of the unit, install up to three units consecutively in the side direction and provide a space of 1000mm or more as inlet space/ passage space for each three units.

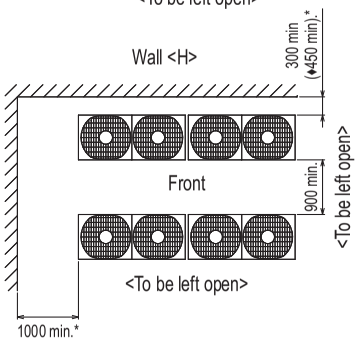












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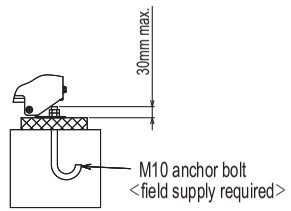


Fig.A (without detachable legs)

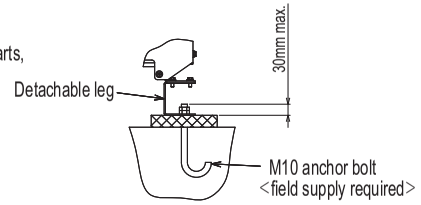


Fig.B (with detachable legs)

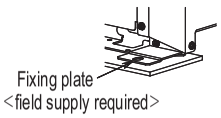


Fig.C (without detachable legs)

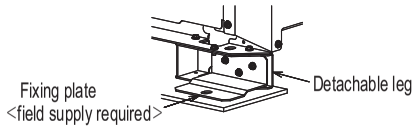


Fig.D (with detachable legs)

♦Outline dwg at panel heater installation

Unit: mm

PURY-EP400, 450, 500, 550, 600YSNW-A2/TR2/RU2 (-BS)

Unit: mm

Twinning pipe connection size

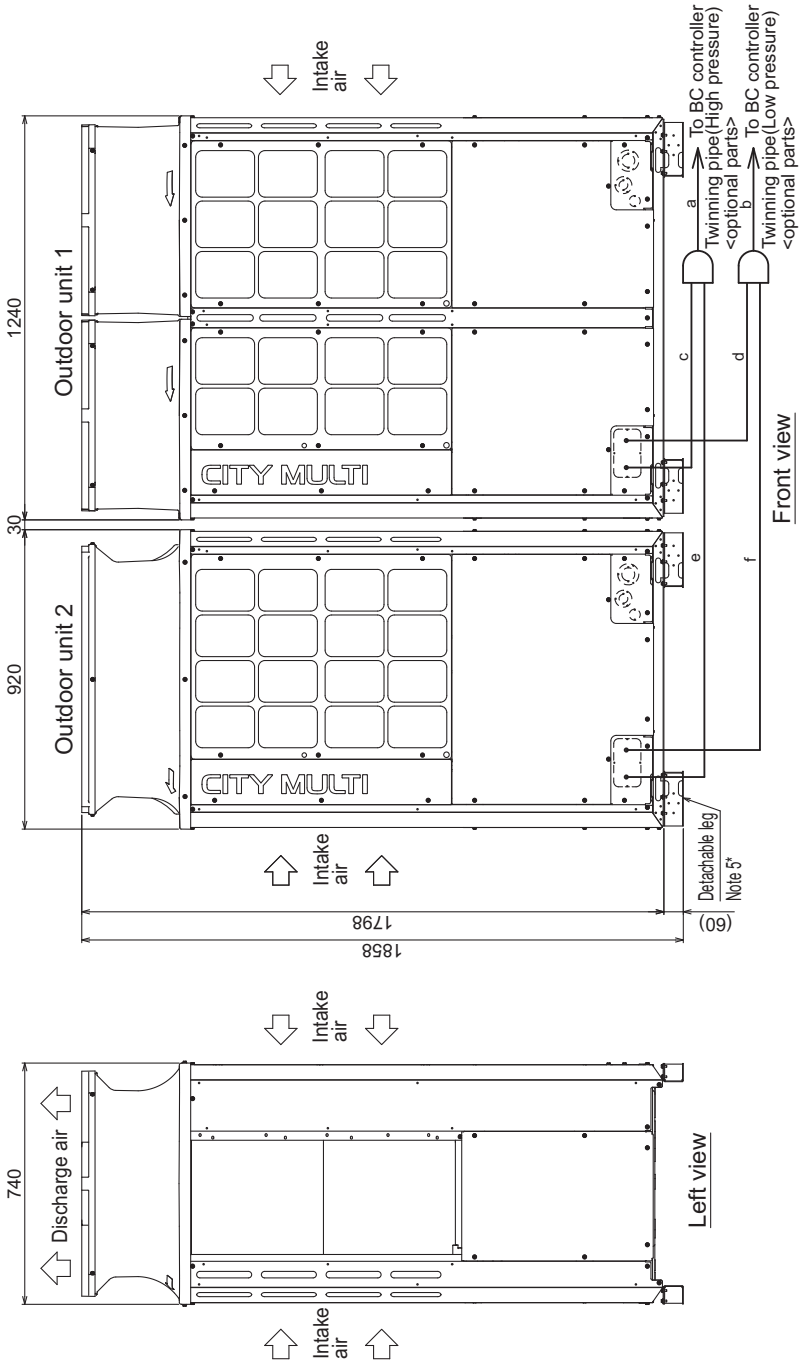
Package unit name			PURY-EP400YSNW-A2/TR2/RU2 (-BS)	PURY-EP450YSNW-A2/TR2/RU2 (-BS)	PURY-EP500YSNW-A2/TR2/RU2 (-BS)	PURY-EP550YSNW-A2/TR2/RU2 (-BS)	PURY-EP600YSNW-A2/TR2/RU2 (-BS)
Component unit name	Outdoor unit 1		PURY-EP200YNW-A2/TR2/RU2 (-BS)	PURY-EP250YNW-A2/TR2/RU2 (-BS)	PURY-EP250YNW-A2/TR2/RU2 (-BS)	PURY-EP300YNW-A2/TR2/RU2 (-BS)	PURY-EP300YNW-A2/TR2/RU2 (-BS)
	Outdoor unit 2		PURY-EP200YNW-A2/TR2/RU2 (-BS)	PURY-EP200YNW-A2/TR2/RU2 (-BS)	PURY-EP250YNW-A2/TR2/RU2 (-BS)	PURY-EP250YNW-A2/TR2/RU2 (-BS)	PURY-EP300YNW-A2/TR2/RU2 (-BS)
Outdoor Twinning Kit(optional parts)			CMY-R100VBK4	CMY-R100VBK4	CMY-R100VBK4	CMY-R100VBK4	CMY-R100VBK4
BC controller ~Twinning pipe	High pressure	a	ø22.2	ø22.2	ø22.2	ø22.2(ø28.58)*	ø22.2(ø28.58)*
	Low pressure	b	ø28.58	ø28.58	ø28.58	ø28.58	ø28.58
Twinning pipe ~Outdoor unit 1	High pressure	c	ø15.88	ø19.05	ø19.05	ø19.05	ø19.05
	Low pressure	d	ø19.05	ø22.2	ø22.2	ø22.2	ø22.2
Twinning pipe ~Outdoor unit 2	High pressure	e	ø15.88	ø15.88	ø19.05	ø19.05	ø19.05
	Low pressure	f	ø19.05	ø19.05	ø22.2	ø22.2	ø22.2

* When the piping length is 65m or longer, use the ø28.58 pipe for the part that exceeds 65m.

Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.
2. Twinning pipes must be installed horizontally using a level vessel.
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-EP650YSNW-A2/TR2/RU2 (-BS)

Unit: mm



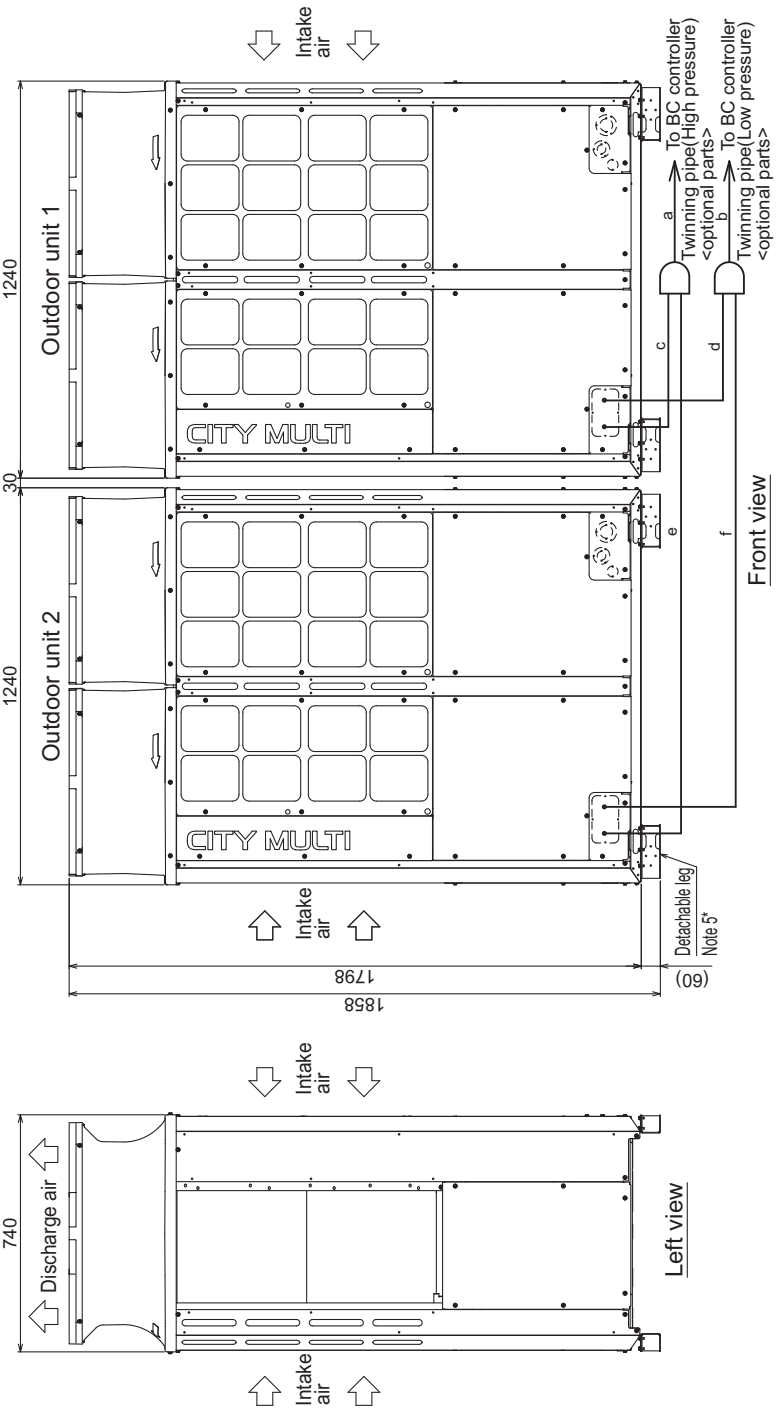
Twinning pipe connection size

Package unit name			PURY-EP650YSNW-A2/TR2/RU2 (-BS)
Component unit name	Outdoor unit 1		PURY-EP350YNW-A2/TR2/RU2 (-BS)
	Outdoor unit 2		PURY-EP300YNW-A2/TR2/RU2 (-BS)
Outdoor Twinning Kit(optional parts)			CMY-R100VBK4
BC controller ~Twinning pipe	High pressure	a	ø28.58
	Low pressure	b	ø28.58
Twinning pipe ~Outdoor unit 1	High pressure	c	ø19.05
	Low pressure	d	ø28.58
Twinning pipe ~Outdoor unit 2	High pressure	e	ø19.05
	Low pressure	f	ø22.2

Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.
2. Twinning pipes must be installed horizontally using a level vessel.
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-EP700, 750, 800, 850, 900YSNW-A2/TR2/RU2 (-BS)

Unit: mm



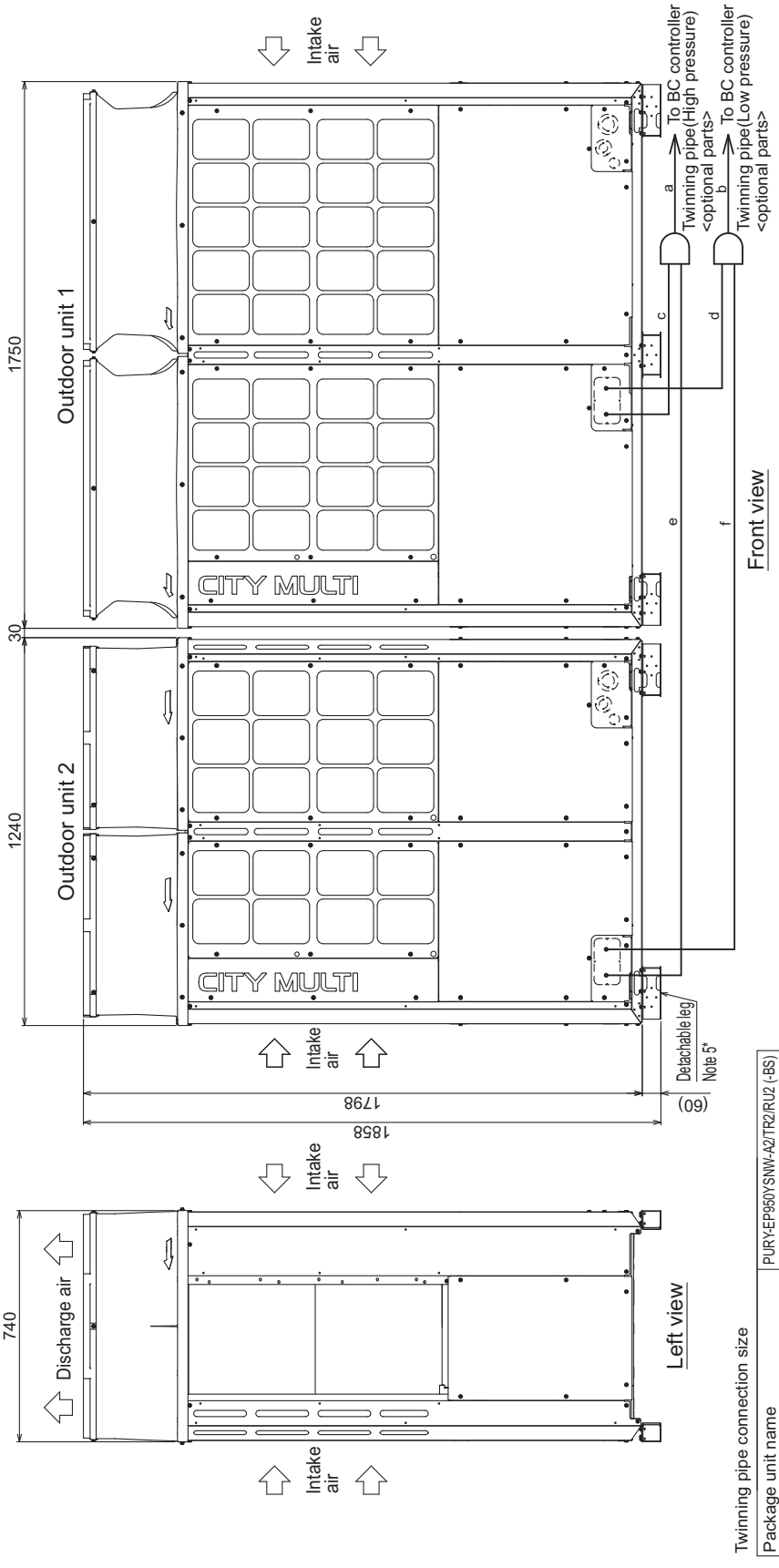
Twinning pipe connection size

Package unit name		PURY-EP700YSNW-A2/TR2/RU2 (-BS)	PURY-EP750YSNW-A2/TR2/RU2 (-BS)	PURY-EP800YSNW-A2/TR2/RU2 (-BS)	PURY-EP850YSNW-A2/TR2/RU2 (-BS)	PURY-EP900YSNW-A2/TR2/RU2 (-BS)
Component unit name	Outdoor unit 1	PURY-EP350YNW-A2/TR2/RU2 (-BS)	PURY-EP400YNW-A2/TR2/RU2 (-BS)	PURY-EP400YNW-A2/TR2/RU2 (-BS)	PURY-EP450YNW-A2/TR2/RU2 (-BS)	PURY-EP450YNW-A2/TR2/RU2 (-BS)
	Outdoor unit 2	PURY-EP350YNW-A2/TR2/RU2 (-BS)	PURY-EP350YNW-A2/TR2/RU2 (-BS)	PURY-EP400YNW-A2/TR2/RU2 (-BS)	PURY-EP400YNW-A2/TR2/RU2 (-BS)	PURY-EP450YNW-A2/TR2/RU2 (-BS)
Outdoor Twinning Kit(optional parts)		CMY-R200VBK4	CMY-R200VBK4	CMY-R200VBK4	CMY-R200VBK4	CMY-R200VBK4
BC controller ~Twinning pipe	High pressure a	ø28.58	ø28.58	ø28.58	ø28.58	ø28.58
	Low pressure b	ø34.93	ø34.93	ø34.93	ø41.28	ø41.28
Twinning pipe ~Outdoor unit 1	High pressure c	ø19.05	ø22.2	ø22.2	ø22.2	ø22.2
	Low pressure d	ø28.58	ø28.58	ø28.58	ø28.58	ø28.58
Twinning pipe ~Outdoor unit 2	High pressure e	ø19.05	ø19.05	ø22.2	ø22.2	ø22.2
	Low pressure f	ø28.58	ø28.58	ø28.58	ø28.58	ø28.58

Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.
2. Twinning pipes must be installed horizontally using a level vessel.
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-EP950YSNW-A2/TR2/RU2 (-BS)

Unit: mm



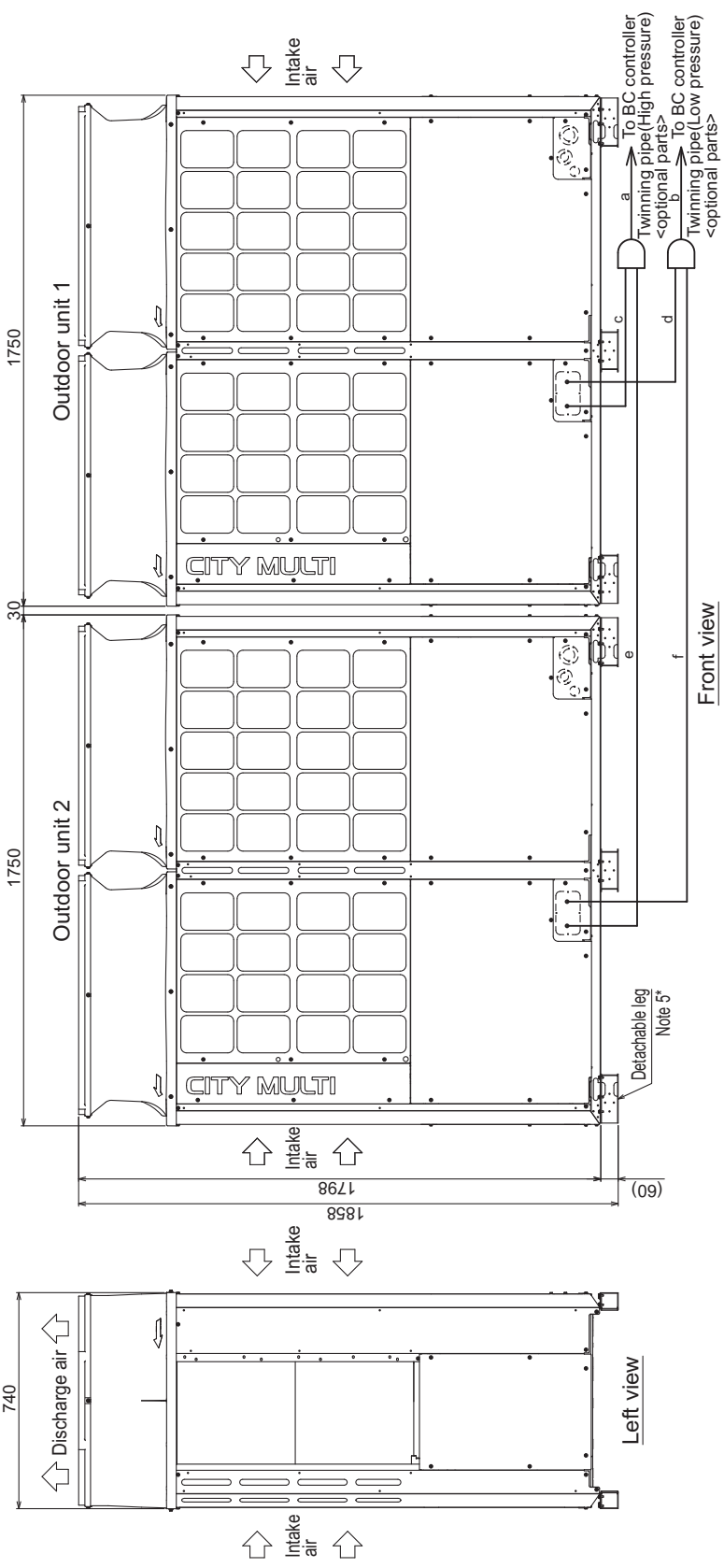
Twinning pipe connection size

Package unit name			PURY-EP950YSNW-A2/TR2/RU2 (-BS)
Component unit name	Outdoor unit 1		PURY-EP500YNW-A2/TR2/RU2 (-BS)
	Outdoor unit 2		PURY-EP450YNW-A2/TR2/RU2 (-BS)
Outdoor Twinning Kit(optional parts)			CMY-R200VBK4
BC controller ~Twinning pipe	High pressure	a	ø28.58
	Low pressure	b	ø41.28
Twinning pipe ~Outdoor unit 1	High pressure	c	ø22.2
	Low pressure	d	ø28.58
Twinning pipe ~Outdoor unit 2	High pressure	e	ø22.2
	Low pressure	f	ø28.58

Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.
2. Twinning pipes must be installed horizontally using a level vessel.
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-EP1000, 1050, 1100YSNW-A2/TR2/RU2 (-BS)

Unit: mm

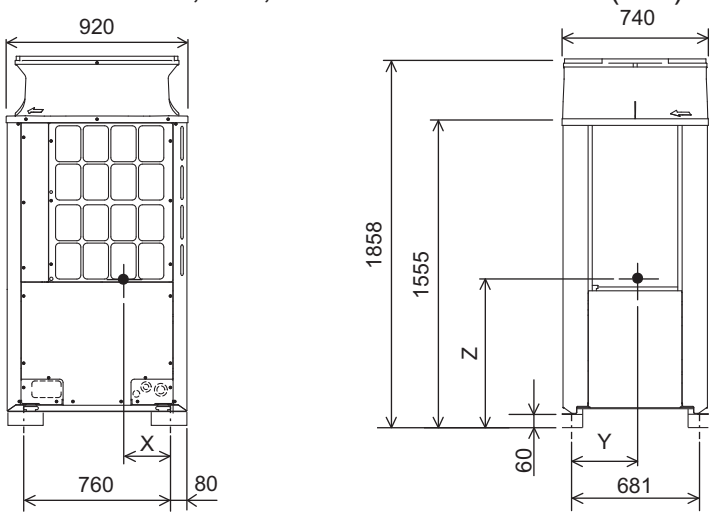


Twinning pipe connection size

Package unit name			PURY-EP1000YSNW-A2/TR2/RU2 (-BS)	PURY-EP1050YSNW-A2/TR2/RU2 (-BS)	PURY-EP1100YSNW-A2/TR2/RU2 (-BS)
Component unit name	Outdoor unit 1		PURY-EP500YNW-A2/TR2/RU2 (-BS)	PURY-EP550YNW-A2/TR2/RU2 (-BS)	PURY-EP550YNW-A2/TR2/RU2 (-BS)
	Outdoor unit 2		PURY-EP500YNW-A2/TR2/RU2 (-BS)	PURY-EP500YNW-A2/TR2/RU2 (-BS)	PURY-EP550YNW-A2/TR2/RU2 (-BS)
Outdoor Twinning Kit(optional parts)			CMY-R200VBK4	CMY-R200VBK4	CMY-R200VBK4
BC controller ~Twinning pipe	High pressure	a	ø28.58	ø34.93	ø34.93
	Low pressure	b	ø41.28	ø41.28	ø41.28
Twinning pipe ~Outdoor unit 1	High pressure	c	ø22.2	ø22.2	ø22.2
	Low pressure	d	ø28.58	ø28.58	ø28.58
Twinning pipe ~Outdoor unit 2	High pressure	e	ø22.2	ø22.2	ø22.2
	Low pressure	f	ø28.58	ø28.58	ø28.58

Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.
2. Twinning pipes must be installed horizontally using a level vessel.
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.

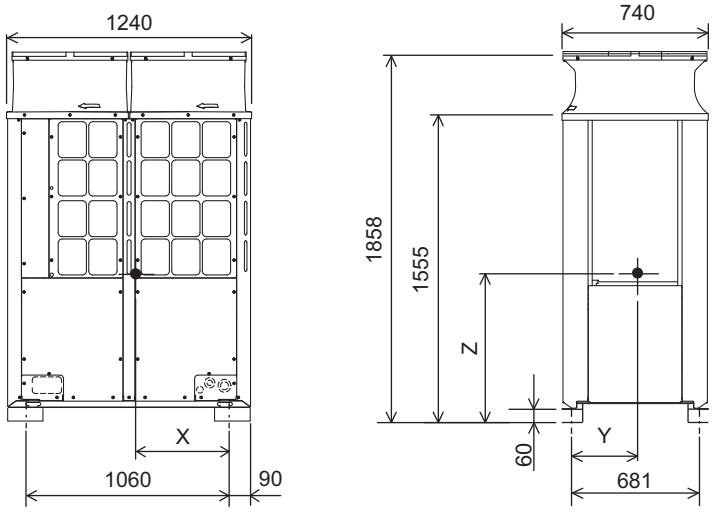
PURY-EP200, 250, 300YNW-A2/TR2/RU2 (-BS)



Unit: mm

Model	X	Y	Z
PURY-EP200YNW-A2/TR2/RU2(-BS)	351	339	693
PURY-EP250YNW-A2/TR2/RU2(-BS)	355	339	682
PURY-EP300YNW-A2/TR2/RU2(-BS)	355	339	679

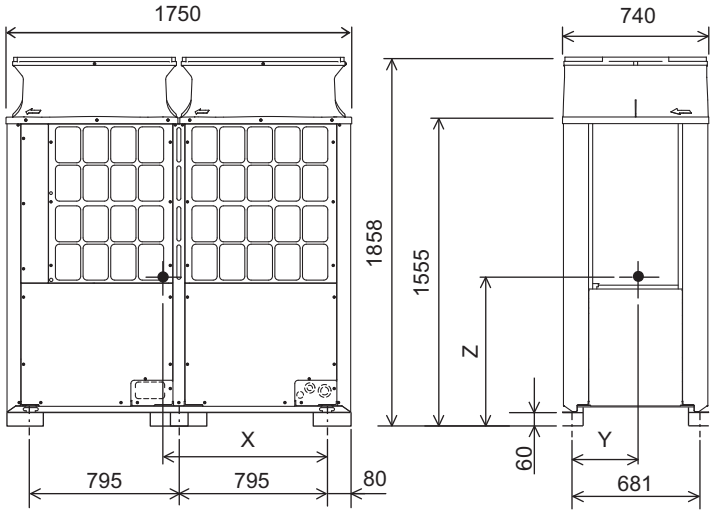
PURY-EP350, 400, 450YNW-A2/TR2/RU2 (-BS)



Unit: mm

Model	X	Y	Z
PURY-EP350YNW-A2/TR2/RU2(-BS)	501	344	729
PURY-EP400YNW-A2/TR2/RU2(-BS)	502	346	727
PURY-EP450YNW-A2/TR2/RU2(-BS)	503	346	755

PURY-EP500, 550YNW-A2/TR2/RU2 (-BS)



Unit: mm

Model	X	Y	Z
PURY-EP500YNW-A2/TR2/RU2(-BS)	867	307	730
PURY-EP550YNW-A2/TR2/RU2(-BS)	867	307	730