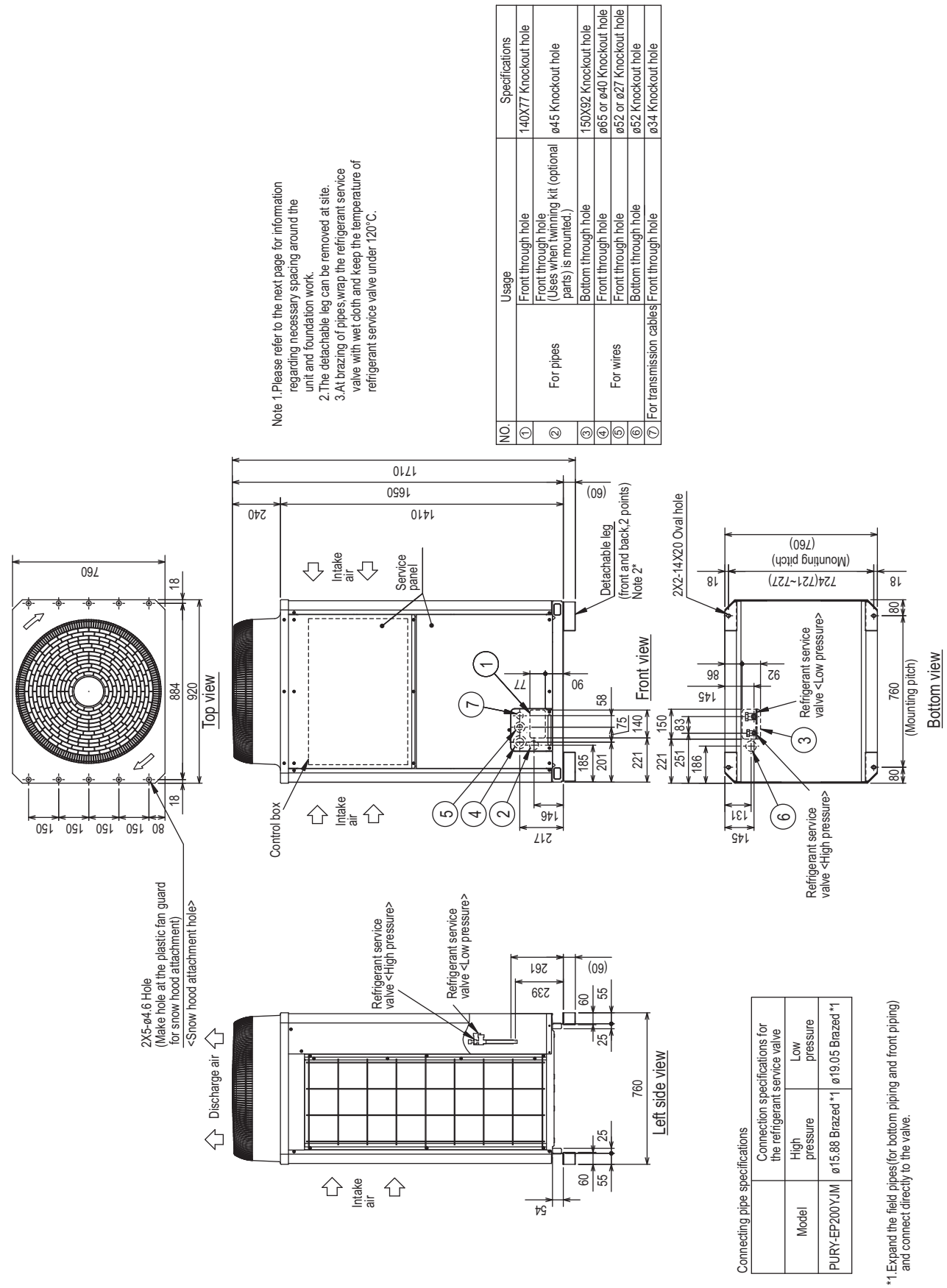
PURY-EP200YJM-A(-BS)

Unit : mm



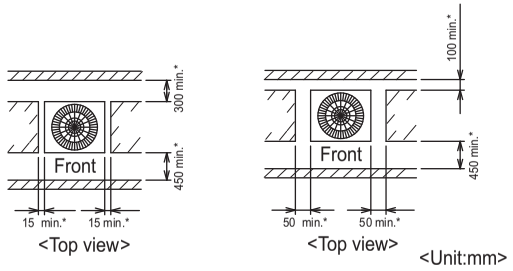
1.Required space around the unit

● In case of single installation

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

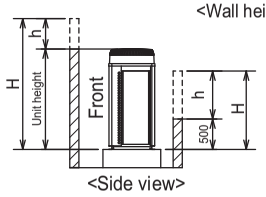
· With a space of at least 300mm to the wall on the back of the unit

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



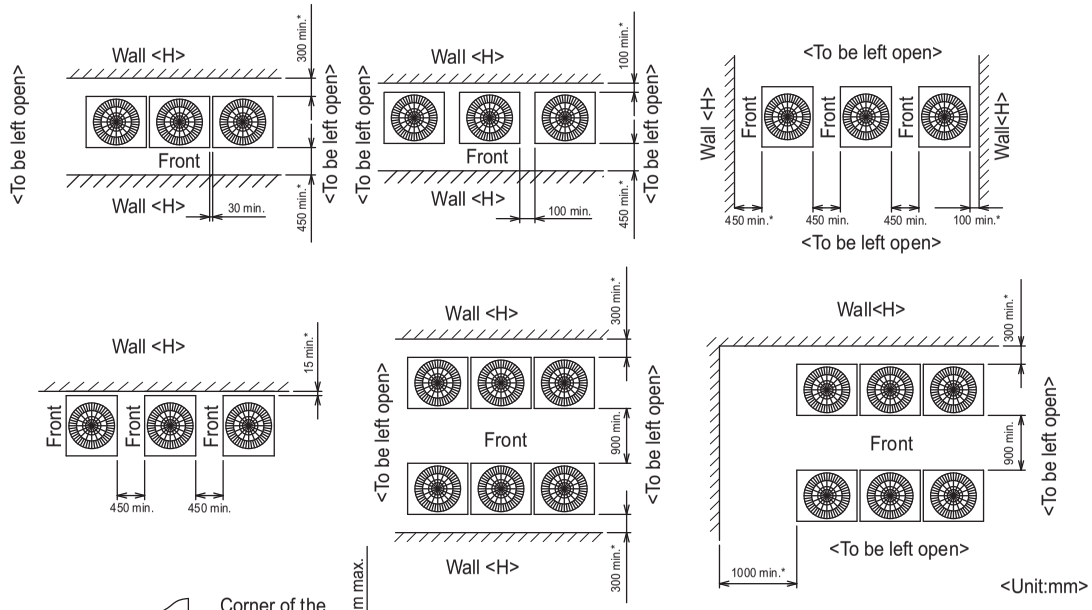
② When the height of the walls on the front,back or on the sides<H> exceeds the wall height limit as defined below add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.

<Wall height limit> Front :Up to the unit height
Back :Up to 500mm from the unit bottom
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 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

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.

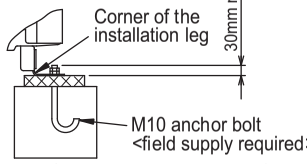


Fig.A (without detachable legs)

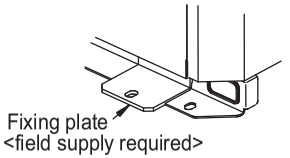


Fig.C (without detachable legs)

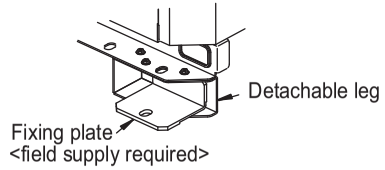


Fig.D (with detachable legs)

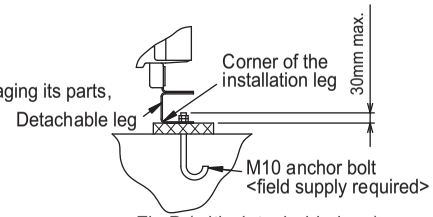
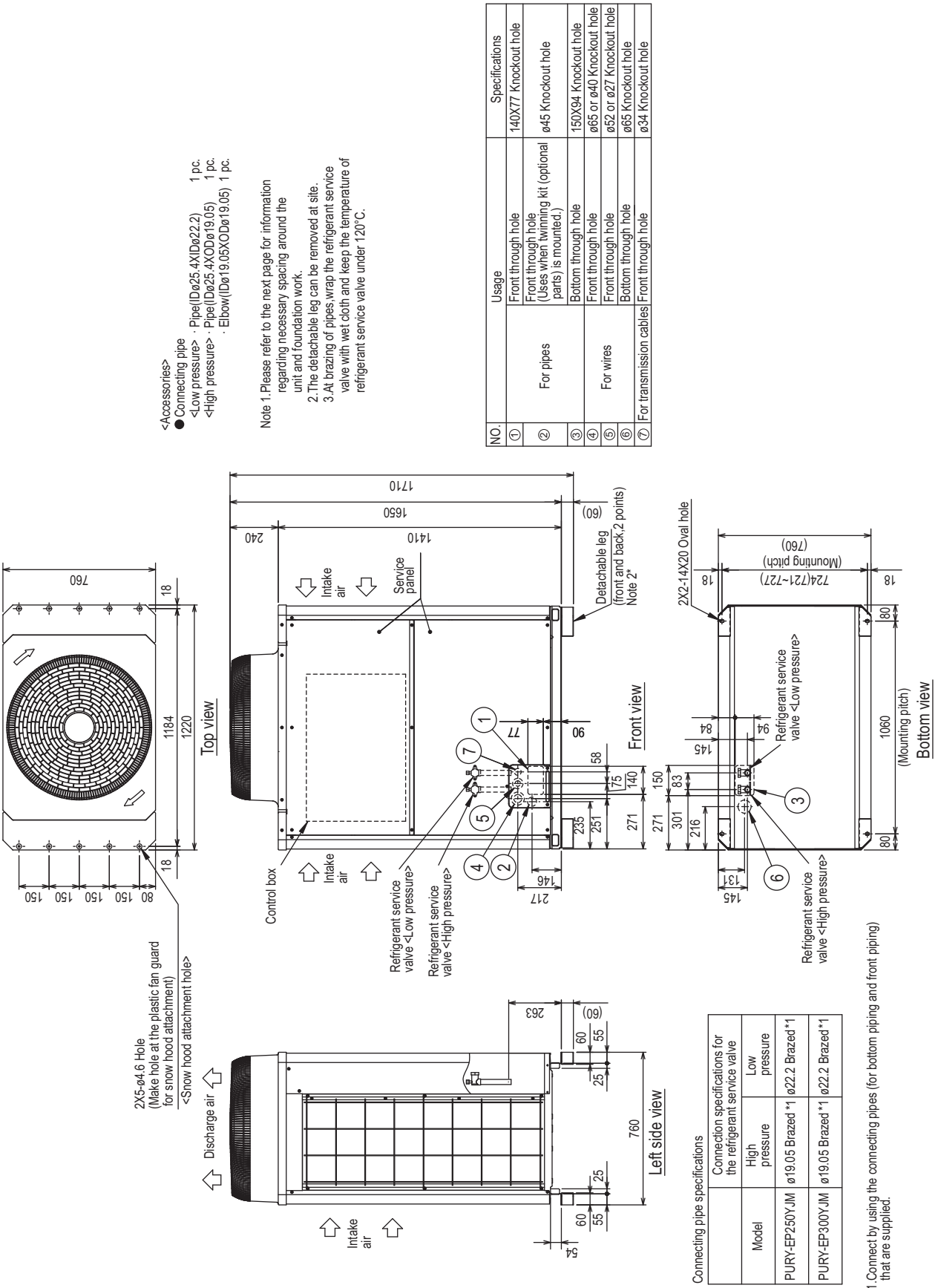


Fig.B (with detachable legs)

Unit : mm

PURY-EP250,300YJM-A(-BS)

Unit : mm



<Accessories>
● Connecting pipe
<Low pressure> : Pipe(IDø25.4XIDø22.2) 1 pc.
<High pressure> : Pipe(IDø25.4XODø19.05) 1 pc.
: Elbow(IDø19.05XODø19.05) 1 pc.

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.

NO.	Usage		Specifications
①	For pipes	Front through hole	140X77 Knockout hole
②		Front through hole (Uses when twinning kit (optional parts) is mounted.)	ø45 Knockout hole
③		Bottom through hole	150X94 Knockout hole
④	For wires	Front through hole	ø65 or ø40 Knockout hole
⑤		Front through hole	ø52 or ø27 Knockout hole
⑥		Bottom through hole	ø65 Knockout hole
⑦	For transmission cables	Front through hole	ø34 Knockout hole

Connecting pipe specifications

Model	Connection specifications for the refrigerant service valve	
	High pressure	Low pressure
PURY-EP250YJM	ø19.05 Brazed *1	ø22.2 Brazed *1
PURY-EP300YJM	ø19.05 Brazed *1	ø22.2 Brazed *1

*1. Connect by using the connecting pipes (for bottom piping and front piping) that are supplied.

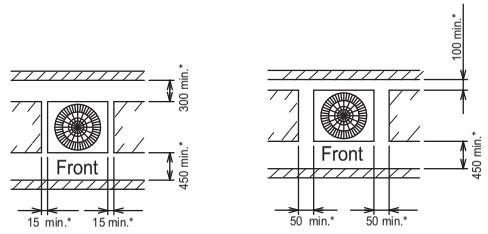
1.Required space around the unit

● In case of single installation

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

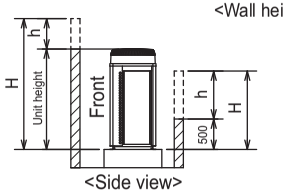
· With a space of at least 300mm to the wall on the back of the unit

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



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 500mm from the unit bottom
Side :Up to the unit height

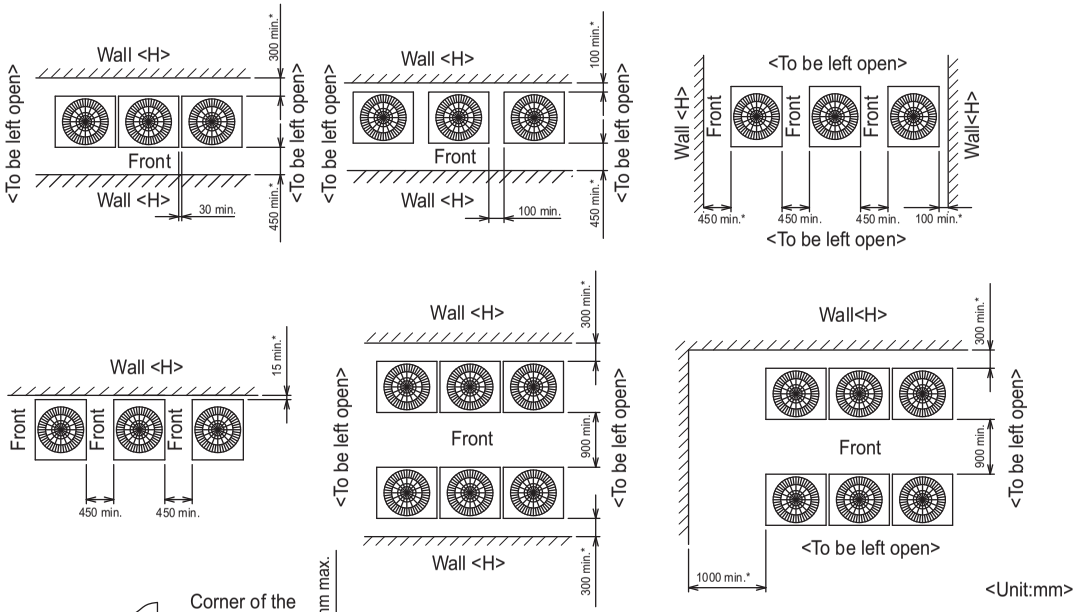


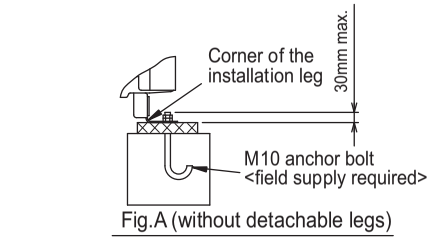
2.Foundation work

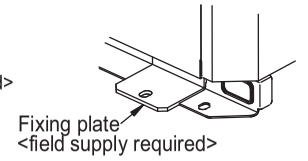
① Take into consideration the surface strength,water drainage route, piping route,and wiring route when preparing the installation site. <Note that the drain water comes out of the unit during operation.>
② Build the foundation in such way that the corner of the installation leg is securely supported 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.

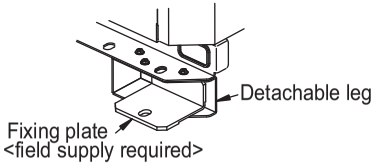
● In case of collective installation

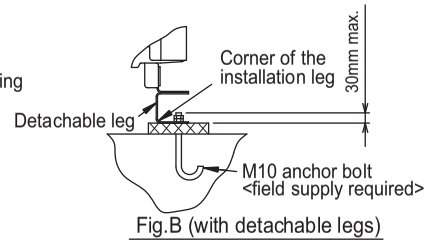
① When multiple units are installed adjacent to each other, secure enough space to allow for air circulation and walkway between groups of units as shown in the figures below.
② At least two sides must be left open.
③ As with the single installation, add the height that exceeds the height limit <h> to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











Unit : mm

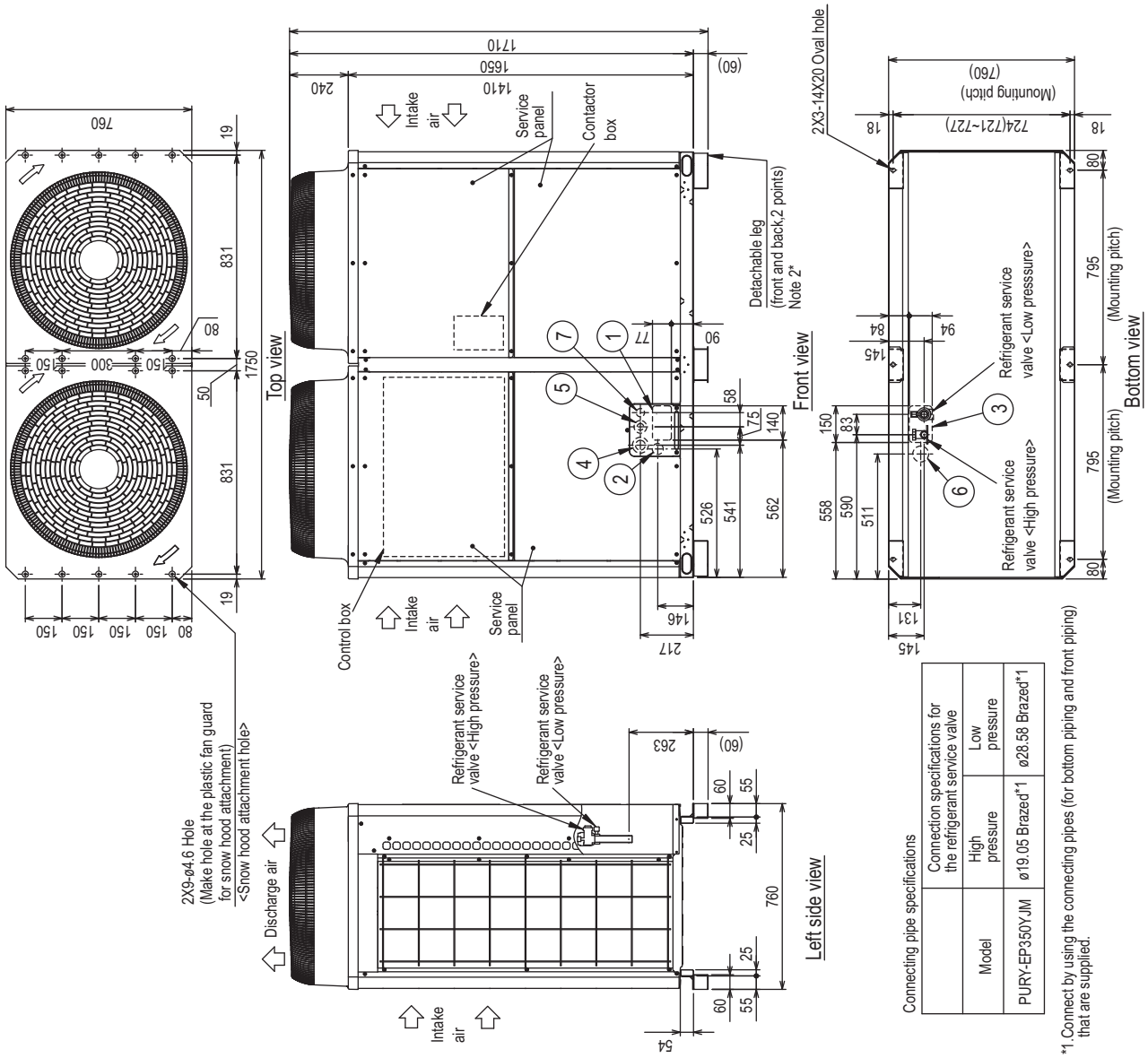
PURY-EP350YJM-A(-BS)

Unit : mm

<Accessories>
● Connecting pipe
<Low pressure> · Pipe(ID⌀28.58XOD⌀28.58) 1 pc.
<High pressure> · Pipe(ID⌀25.4XOD⌀19.05) 1 pc.
· Elbow(ID⌀19.05XOD⌀19.05) 1 pc.

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.

NO.	Usage		Specifications
①	For pipes	Front through hole	140 X 77 Knockout hole
②		Front through hole (Uses when twinning kit (optional parts) is mounted.)	⌀45 Knockout hole
③		Bottom through hole	150 X 94 Knockout hole
④	For wires	Front through hole	⌀65 or ⌀40 Knockout hole
⑤		Front through hole	⌀52 or ⌀27 Knockout hole
⑥		Bottom through hole	⌀65 Knockout hole
⑦	For transmission cables	Front through hole	⌀34 Knockout hole



Connecting pipe specifications

Model	Connection specifications for the refrigerant service valve	
	High pressure	Low pressure
PURY-EP350YJM	ø19.05 Brazed*1	ø28.58 Brazed*1

*1.Connect by using the connecting pipes (for bottom piping and front piping) that are supplied.

R2 (HIGH COP)

PURY-EP350YJM-A(-BS)

Unit : mm

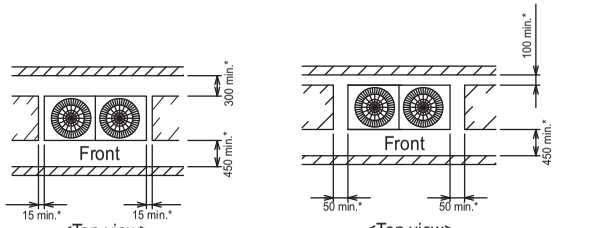
1.Required space around the unit

●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

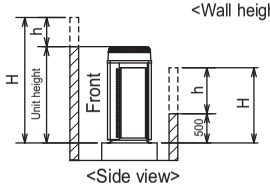
· With a space of at least 100mm to the wall on the back of the unit



<Unit:mm(in)>

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 500mm from the unit bottom
Side :Up to the unit height

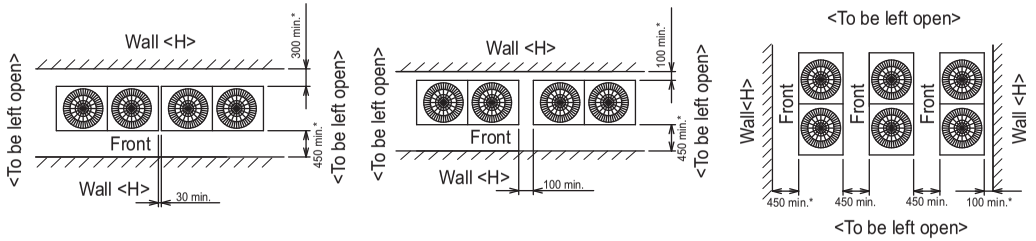


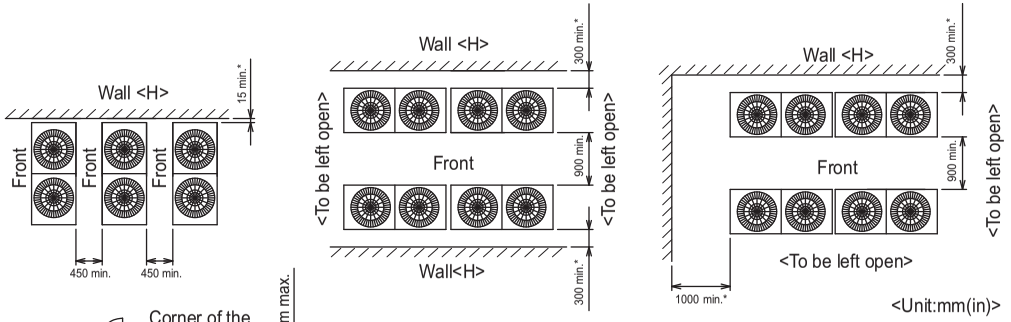
2.Foundation work

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.





<Unit:mm(in)>

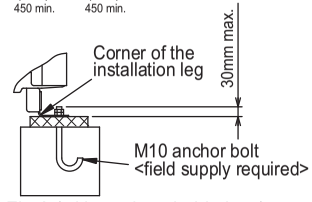


Fig.A (without detachable legs)

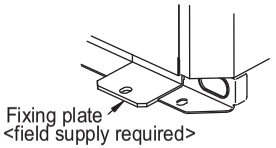


Fig.C (without detachable legs)

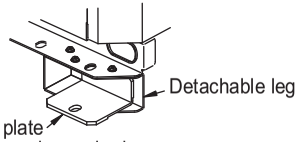


Fig.D (with detachable legs)

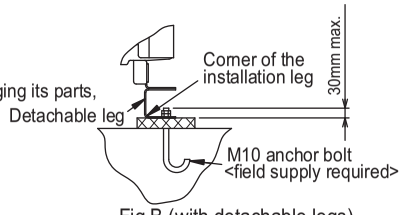
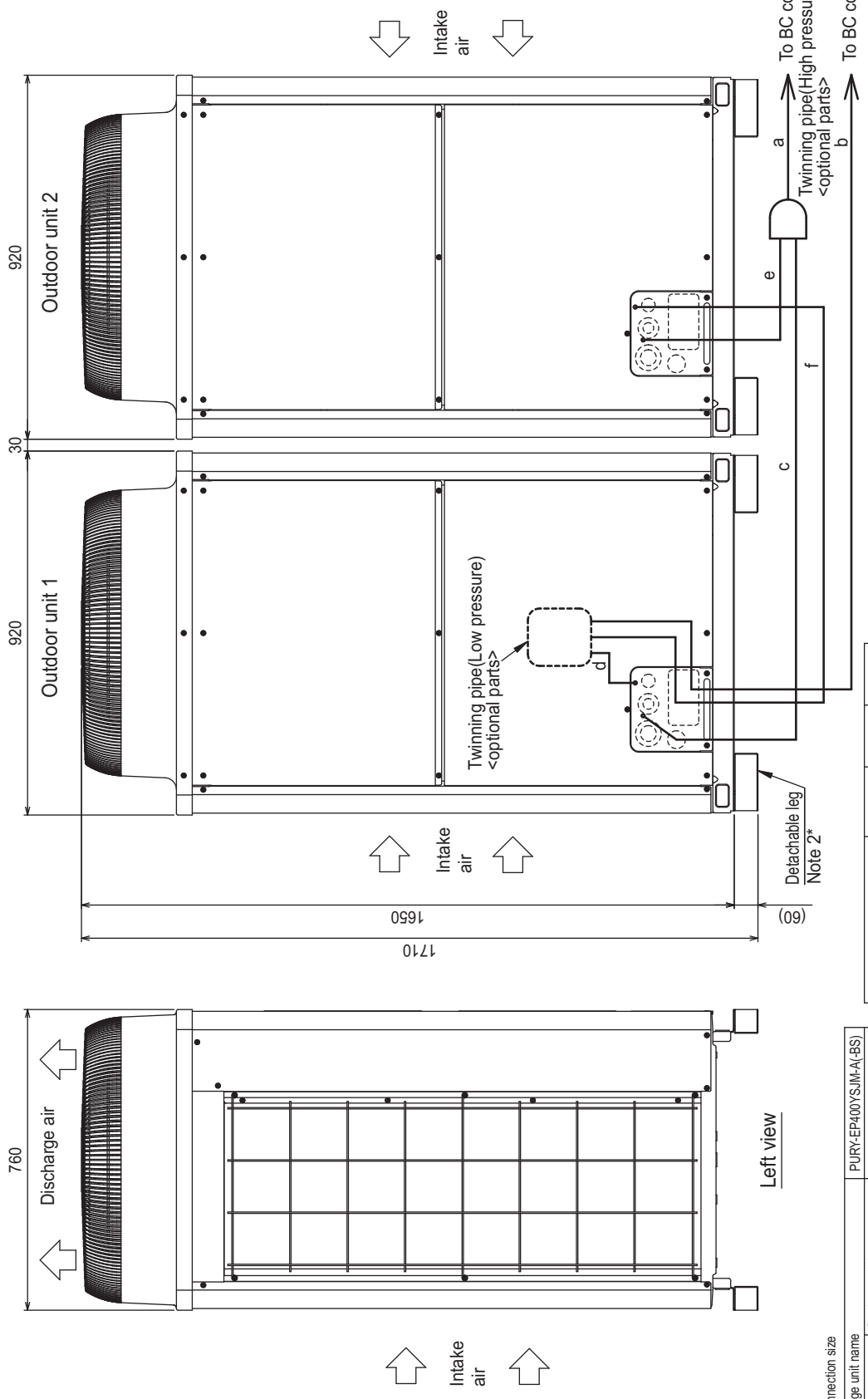


Fig.B (with detachable legs)

PURY-EP400YSJM-A(-BS)

Unit : mm



		Unit model	High pressure	Low pressure
Twinning pipe~Outdoor unit		EP200	c or e	d or f
			ø15.88	ø19.05

Twinning pipe connection size

Package unit name			PURY-EP400YSJM-A(-BS)
Component unit name	Outdoor unit 1		PURY-EP200YJM-A(-BS)
	Outdoor unit 2		PURY-EP200YJM-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-R100VBK(2)
BC controller~Twinning pipe	High pressure	a	ø22.2
	Low pressure	b	ø28.58

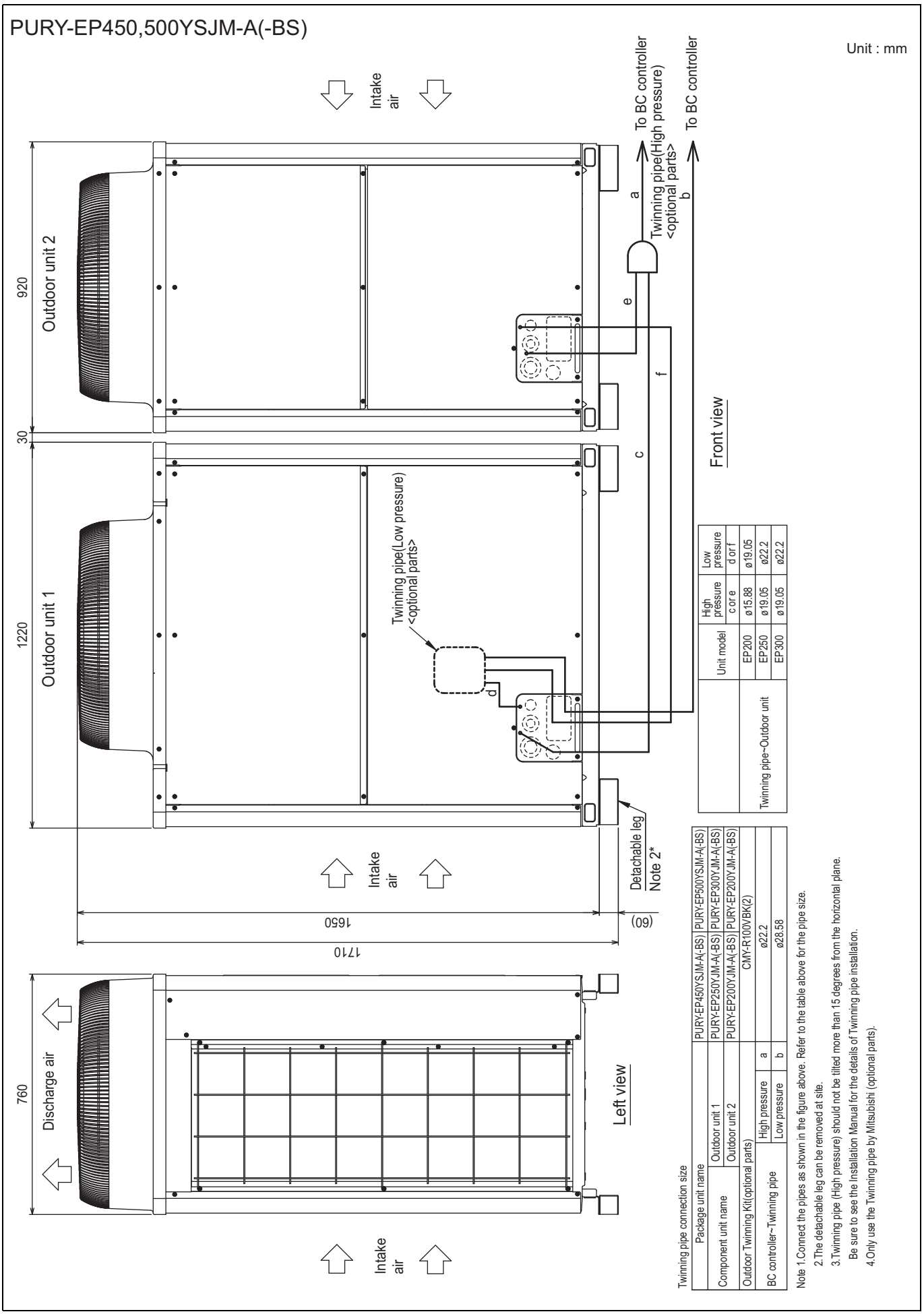
Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.
2. The detachable leg can be removed at site.
3. Twinning pipe (High pressure) should not be tilted more than 15 degrees from the horizontal plane.
Be sure to see the Installation Manual for the details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

R2 (HIGH COP)

2. EXTERNAL DIMENSIONS

PURY-EP450,500YSJM-A(-BS)

Unit : mm



Twinning pipe–Outdoor unit	Unit model	High pressure c or e	Low pressure d or f
	EP200	ø15.88	ø19.05
	EP250	ø19.05	ø22.2
	EP300	ø19.05	ø22.2

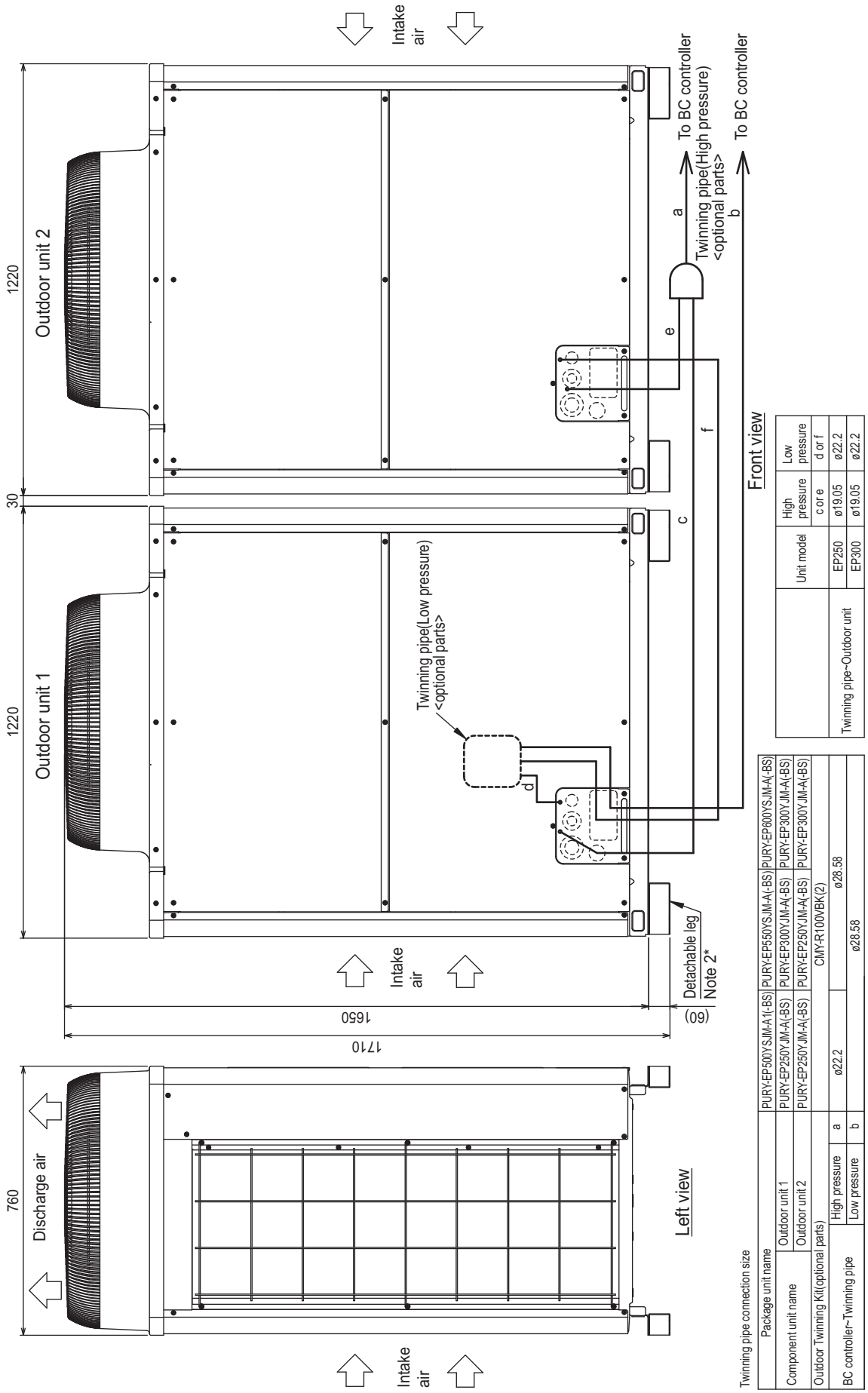
Twinning pipe connection size

Package unit name			PURY-EP450YSJM-A(-BS)	PURY-EP500YSJM-A(-BS)
Component unit name	Outdoor unit 1		PURY-EP250YJM-A(-BS)	PURY-EP300YJM-A(-BS)
	Outdoor unit 2		PURY-EP200YJM-A(-BS)	PURY-EP200YJM-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-R100VBK(2)	
BC controller~Twinning pipe	High pressure	a	ø22.2	
	Low pressure	b	ø28.58	

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.
Be sure to see the Installation Manual for the details of Twinning pipe installation.
4.Only use the Twinning pipe by Mitsubishi (optional parts).

PURY-EP500,550,600YSJM-A(1)(-BS)

Unit : mm



Unit model	High pressure	Low pressure
	c or e	d or f
EP250	ø19.05	ø22.2
EP300	ø19.05	ø22.2

Twinning pipe~Outdoor unit

Twinning pipe connection size

Package unit name			PURY-EP500YSJM-A1(-BS)	PURY-EP550YSJM-A(-BS)	PURY-EP600YSJM-A(-BS)
Component unit name	Outdoor unit 1		PURY-EP250YJM-A(-BS)	PURY-EP300YJM-A(-BS)	PURY-EP300YJM-A(-BS)
	Outdoor unit 2		PURY-EP250YJM-A(-BS)	PURY-EP250YJM-A(-BS)	PURY-EP300YJM-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-R100VBK(2)		
BC controller~Twinning pipe	High pressure	a	ø22.2		ø28.58
	Low pressure	b	ø28.58		

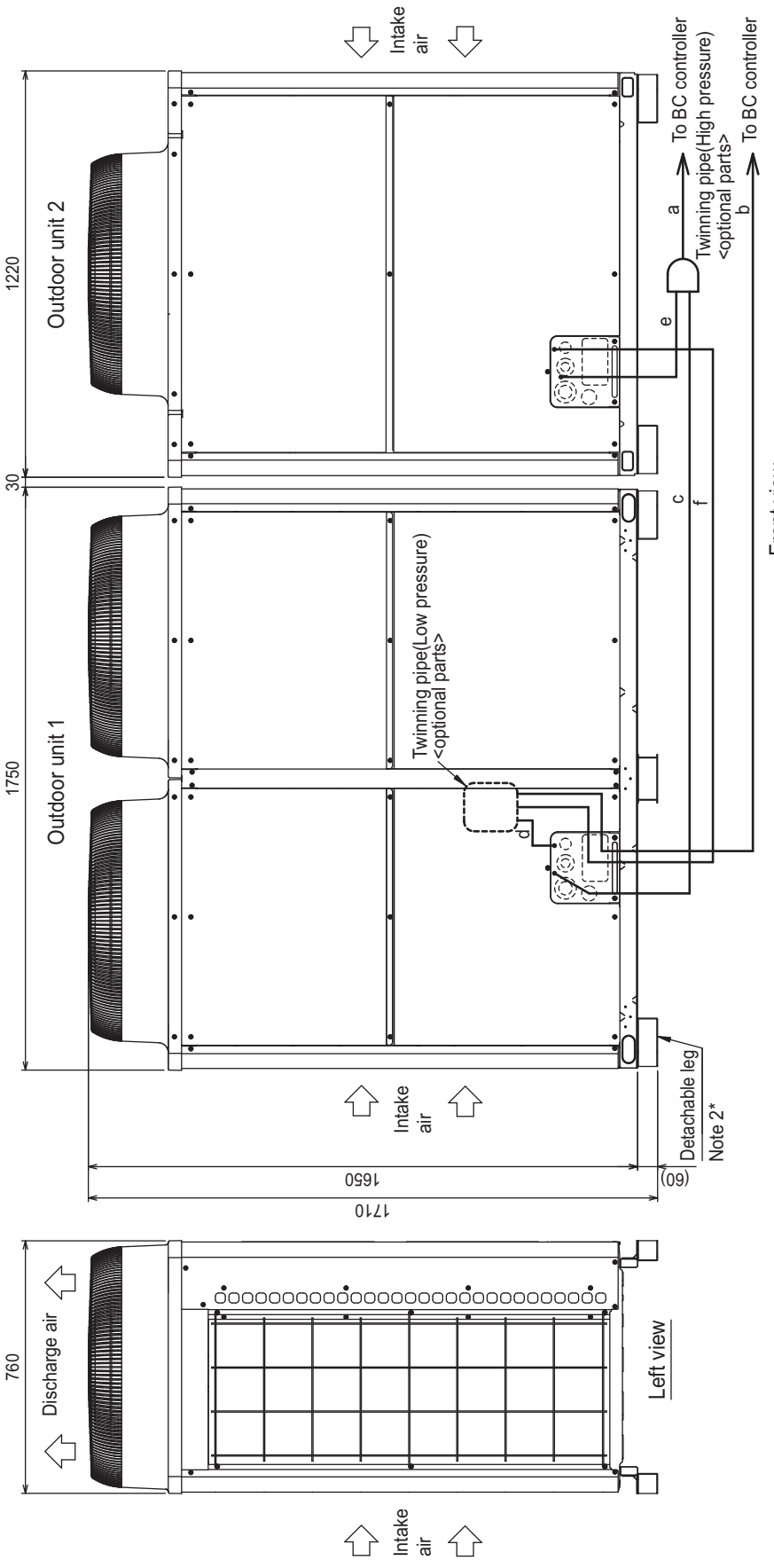
Note 1.Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.
2.The detachable leg can be removed at site.
3.Twinning pipe (High pressure) should not be tilted more than 15 degrees from the horizontal plane.
Be sure to see the Installation Manual for the details of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

R2 (HIGH COP)

R2 (HIGH COP)

PURY-EP600,650YSJM-A(1)(-BS)

Unit : mm



		Unit model	High pressure	Low pressure
			c or e	d or f
Twinning pipe~Outdoor unit		EP250	ø19.05	ø22.2
		EP300	ø19.05	ø22.2
		EP350	ø19.05	ø28.58

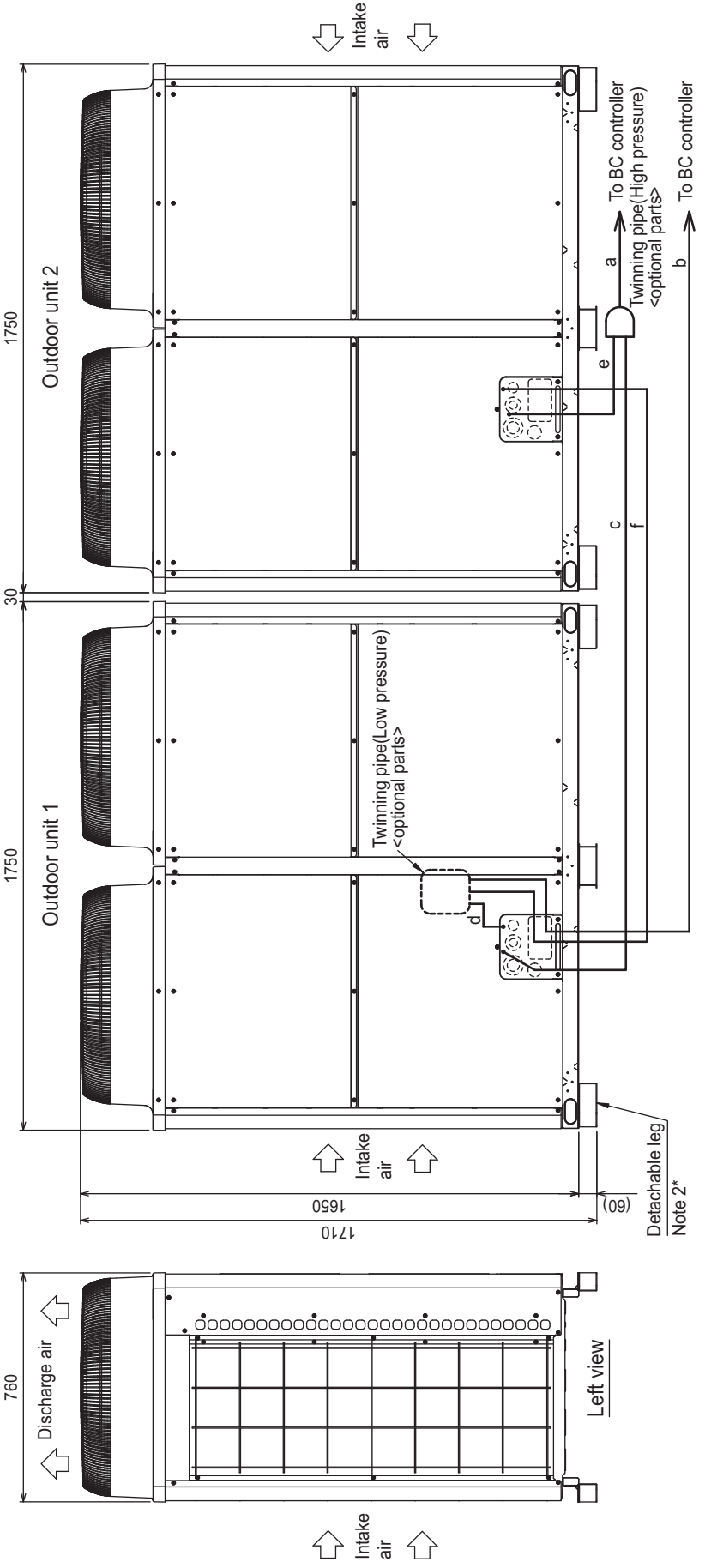
Twinning pipe connection size

Package unit name			PURY-EP600YSJM-A1(-BS)	PURY-EP650YSJM-A(-BS)
Component unit name	Outdoor unit 1		PURY-EP350YJM-A(-BS)	PURY-EP350YJM-A(-BS)
	Outdoor unit 2		PURY-EP250YJM-A(-BS)	PURY-EP300YJM-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-R100XLVBK	
BC controller~Twinning pipe	High pressure	a	ø28.58	
	Low pressure	b	ø28.58	

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.
Be sure to see the Installation Manual for the details of Twinning pipe installation.
4.Only use the Twinning pipe by Mitsubishi (optional parts).

PURY-EP700YSJM-A(-BS)

Unit : mm



Twinning pipe connection size

Package unit name			PURY-EP700YSJM-A(-BS)
Component unit name	Outdoor unit 1		PURY-EP350YJM-A(-BS)
	Outdoor unit 2		PURY-EP350YJM-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-R100XLVBK
BC controller~Twinning pipe	High pressure	a	ø28.58
	Low pressure	b	ø34.93

	Unit model	High pressure	Low pressure
Twinning pipe~Outdoor unit	EP350	c or e	d or f
		ø19.05	ø28.58

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.
Be sure to see the Installation Manual for the details of Twinning pipe installation.
4.Only use the Twinning pipe by Mitsubishi (optional parts).

R2 (HIGH COP)