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

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	Diameter			
	Refrigerant pipe		Service valve	
	Liquid	Gas	Liquid	Gas
P200	ø9.52 Brazed	ø22.2 Brazed	ø9.52	ø22.2
P250	ø9.52 Brazed (ø12.7 Brazed) *1,*3			
P300	ø9.52 Brazed (ø12.7 Brazed) *1,*2,*4			

*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	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

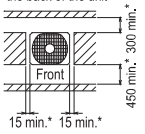
Unit: mm

1.Required space around the unit

●In case of single installation

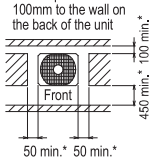
①Secure enough space around the unit as shown in the figure below.

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



<Top view>

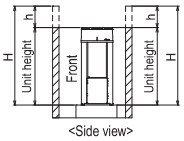
· With a space of at least 100mm to the back of the unit



<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 the height that exceeds the height limit <h> 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 post-installed anchor bolts.(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.

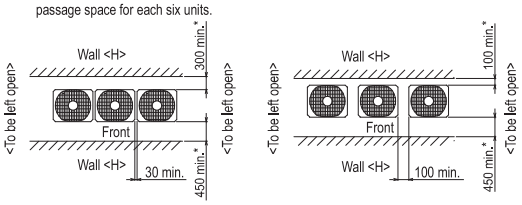
●In case of collective installation

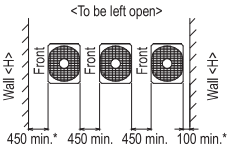
①When multiple units are installed adjacent to each other, secure enough space to allow for air circulation and walkway between groups of units as shown in the figures below.

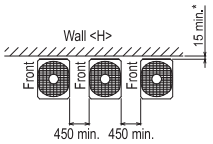
②At least two sides must be left open.

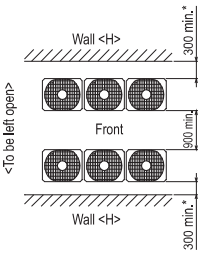
③As with the single installation, add the height that exceeds the height limit<h> to the figures that are marked with an asterisk.

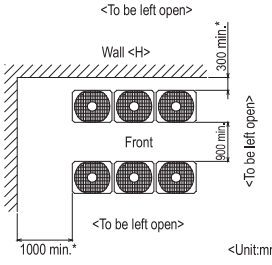
④If there is a wall at both the front and the rear of the unit, install up to six units consecutively in the side direction and provide a space of 1000mm or more as inlet space/ passage space for each six units.











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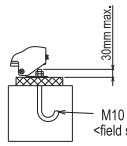


Fig.A (without detachable legs)

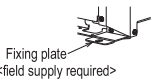


Fig.C (without detachable legs)

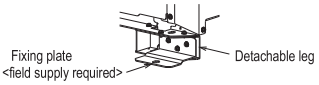


Fig.D (with detachable legs)

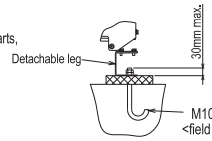


Fig.B (with detachable legs)

Unit: mm

2. EXTERNAL DIMENSIONS

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

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

*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 × 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

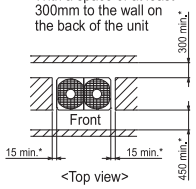
Unit: mm

1.Required space around the unit

●In case of single installation

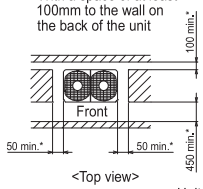
① Secure enough space around the unit as shown in the figure below.

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



<Top view>

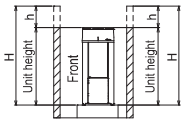
・With a space of at least 100mm to the wall on the back of the unit



<Top view>

<Unit:mm>

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.



<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

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.

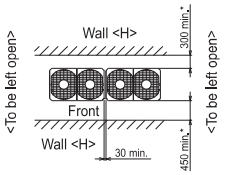
●In case of collective installation

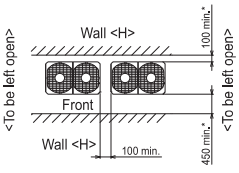
① When multiple units are installed adjacent to each other, secure enough space to allow for air circulation and walkway between groups of units as shown in the figures below.

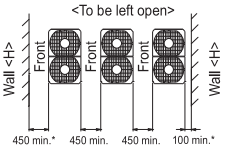
② At least two sides must be left open.

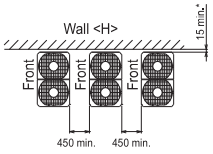
③ As with the single installation, add the height that exceeds the height limit<h> to the figures that are marked with an asterisk.

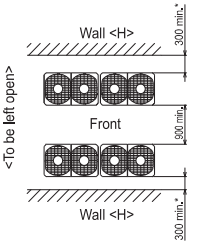
④ If there is a wall at both the front and the rear of the unit, install up to six units consecutively in the side direction and provide a space of 1000mm or more as inlet space/ passage space for each six units.

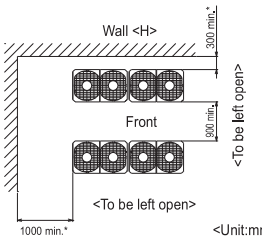












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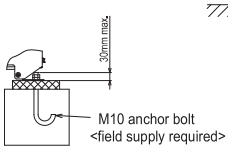


Fig.A (without detachable legs)

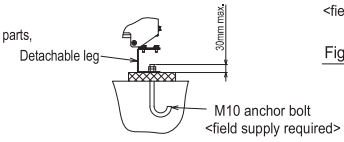


Fig.B (with detachable legs)

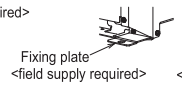


Fig.C (without detachable legs)

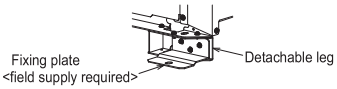


Fig.D (with detachable legs)

Unit: mm

2. EXTERNAL DIMENSIONS

PUHY-P500YNW-A(-BS)

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	Diameter			
	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 × 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

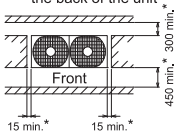
Unit: mm

1.Required space around the unit

●In case of single installation

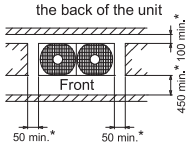
① Secure enough space around the unit as shown in the figure below.

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



<Top view>

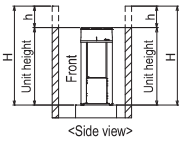
· With a space of at least 100mm to the wall on the back of the unit



<Top view>

<Unit:mm>

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.



<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

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.

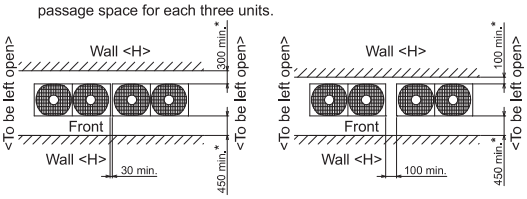
●In case of collective installation

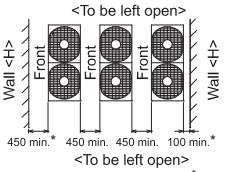
① When multiple units are installed adjacent to each other, secure enough space to allow for air circulation and walkway between groups of units as shown in the figures below.

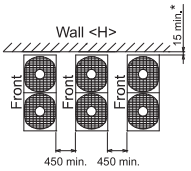
② At least two sides must be left open.

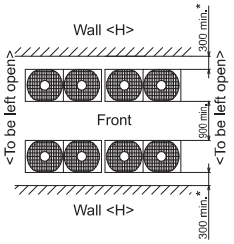
③ As with the single installation, add the height that exceeds the height limit<h> to the figures that are marked with an asterisk.

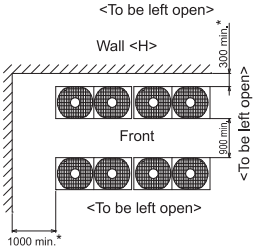
④ If there is a wall at both the front and the rear of the unit, install up to three units consecutively in the side direction and provide a space of 1000mm or more as inlet space/ passage space for each three units.











<Unit:mm>

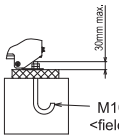


Fig.A (without detachable legs)

Fig.C (without detachable legs)

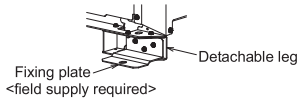


Fig.D (with detachable legs)

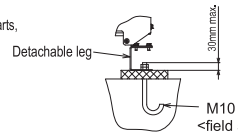
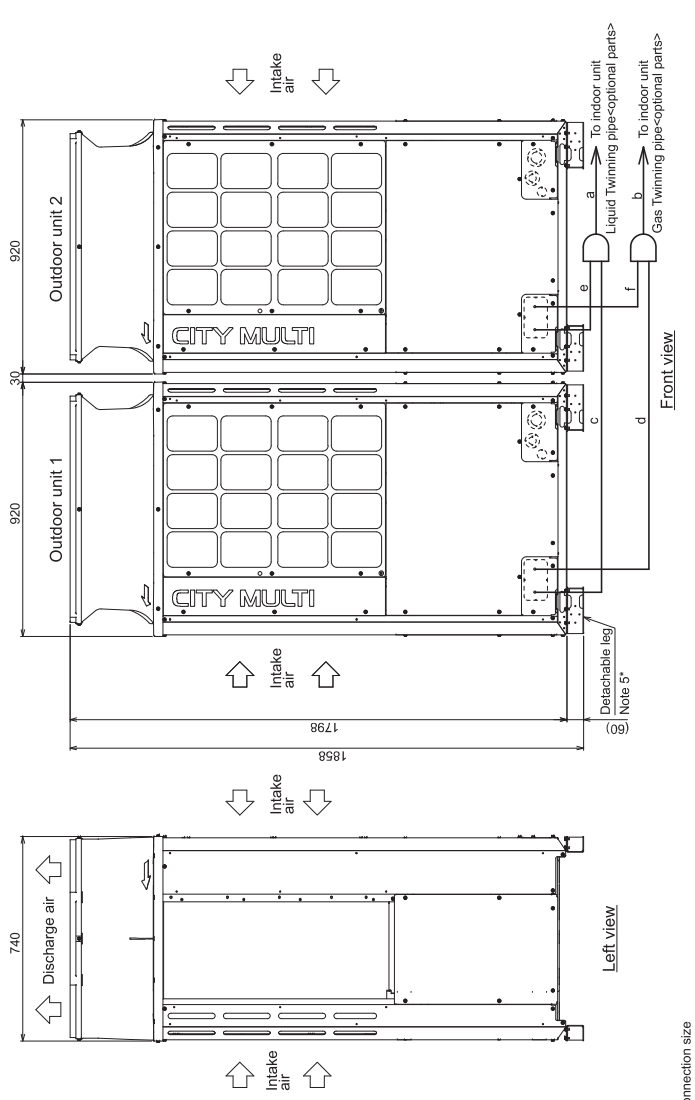


Fig.B (with detachable legs)

Unit: mm

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

Unit: mm



		Unit model	Liquid	Gas
Twinning pipe–Outdoor unit			c or e	d or f
		P200	ø9.52	ø22.2
		P250	ø9.52	ø22.2
		P300	ø12.7	ø22.2

Twinning pipe connection size

Package unit name		PUHY-P400YSNW-A(-BS)	PUHY-P450YSNW-A(-BS)	PUHY-P500YSNW-A(-BS)	PUHY-P550YSNW-A(-BS)	PUHY-P600YSNW-A(-BS)
Component unit name	Outdoor unit 1	PUHY-P200YNW-A(-BS)	PUHY-P250YNW-A(-BS)	PUHY-P250YNW-A(-BS)	PUHY-P300YNW-A(-BS)	PUHY-P300YNW-A(-BS)
	Outdoor unit 2	PUHY-P200YNW-A(-BS)	PUHY-P200YNW-A(-BS)	PUHY-P250YNW-A(-BS)	PUHY-P250YNW-A(-BS)	PUHY-P300YNW-A(-BS)
Outdoor Twinning Kit(optional parts)		CMY-Y100VBK3				
Indoor unit–Twinning pipe	Liquid a	ø12.7		ø15.88		
	Gas b	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 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 (sections "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.

2. EXTERNAL DIMENSIONS

PUHY-P650YSNW-A(-BS)

Twinning pipe connection size

Package unit name			PUHY-P650YSNW-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P400YNW-A(-BS)
	Outdoor unit 2		PUHY-P250YNW-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y100VBK3
Indoor unit~Twinning pipe	Liquid	a	ø15.88
	Gas	b	ø28.58

	Unit model	Liquid	Gas
		c or e	d or f
Twinning pipe~Outdoor unit	P250	ø9.52	ø22.2
	P400	ø12.7	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 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 (sections "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.

Unit: mm

2. EXTERNAL DIMENSIONS

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

Twinning pipe connection size

Package unit name			PUHY-P700YSNW-A(-BS)	PUHY-P750YSNW-A(-BS)	PUHY-P800YSNW-A(-BS)	PUHY-P850YSNW-A(-BS)	PUHY-P900YSNW-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P350YNW-A(-BS)	PUHY-P400YNW-A(-BS)	PUHY-P450YNW-A(-BS)	PUHY-P450YNW-A(-BS)	PUHY-P450YNW-A(-BS)
	Outdoor unit 2		PUHY-P350YNW-A(-BS)	PUHY-P350YNW-A(-BS)	PUHY-P350YNW-A(-BS)	PUHY-P400YNW-A(-BS)	PUHY-P450YNW-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y200VBK2				
Indoor unit~Twinning pipe	Liquid	a	ø19.05				
	Gas	b	ø34.93			ø41.28	

	Unit model	Liquid	Gas
		c or e	d or f
Twinning pipe~Outdoor unit	P350	ø12.7	ø28.58
	P400	ø15.88	ø28.58
	P450	ø15.88	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 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 (sections "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.

Unit: mm

PUHY-P950, 1000, 1050YSNW-A(-BS)

Twinning pipe connection size

Package unit name			PUHY-P950YSNW-A(-BS)	PUHY-P1000YSNW-A(-BS)	PUHY-P1050YSNW-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P350YNW-A(-BS)	PUHY-P400YNW-A(-BS)	PUHY-P400YNW-A(-BS)
	Outdoor unit 2		PUHY-P350YNW-A(-BS)	PUHY-P350YNW-A(-BS)	PUHY-P400YNW-A(-BS)
	Outdoor unit 3		PUHY-P250YNW-A(-BS)	PUHY-P250YNW-A(-BS)	PUHY-P250YNW-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y300VBK3		
Indoor unit~Twinning pipe 2	Liquid	a	ø19.05		
	Gas	b	ø41.28		
Twinning pipe 1~Twinning pipe 2	Liquid	c	ø19.05		
	Gas	d	ø34.93		

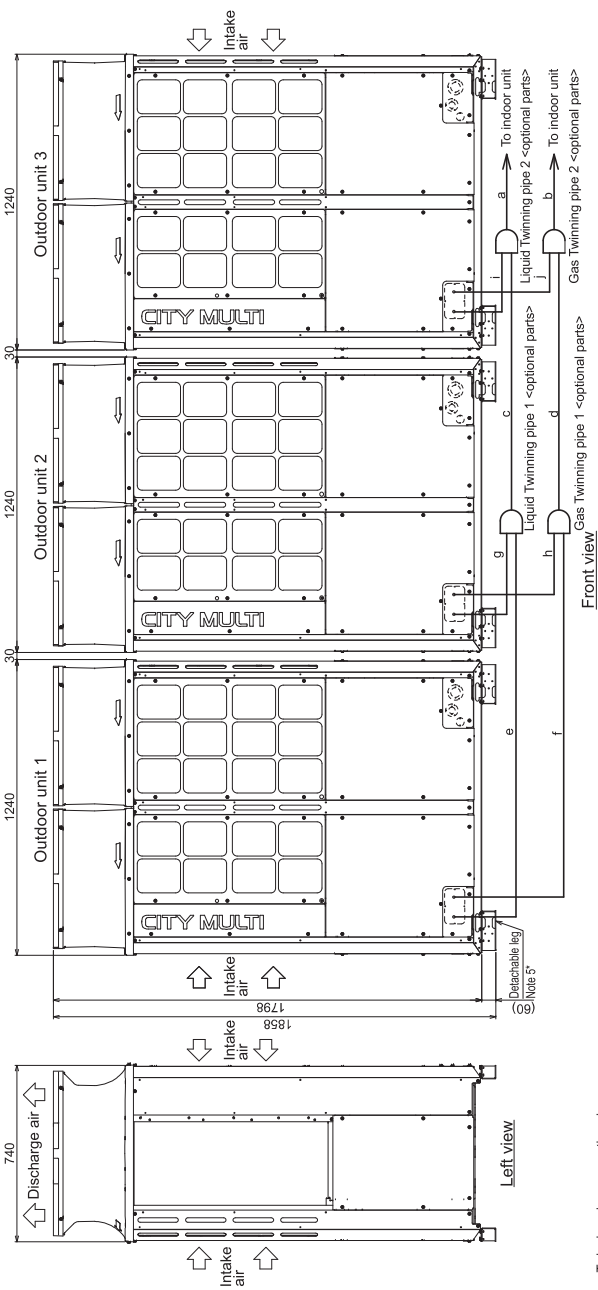
	Unit model	Liquid	Gas
		e or g or i	f or h or j
Twinning pipe~Outdoor unit	P250	ø9.52	ø22.2
	P350	ø12.7	ø28.58
	P400	ø15.88	ø28.58

Note 1.Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.
2.Twinning pipes 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 (sections "a", "b", "c" and "d" 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.

Unit: mm

PUHY-P1100, 1150, 1200, 1250, 1300, 1350YSNW-A(-BS)

Unit: mm



Twinning pipe connection size

Package unit name			PUHY-P1100YSNW-A(-BS)	PUHY-P1150YSNW-A(-BS)	PUHY-P1200YSNW-A(-BS)	PUHY-P1250YSNW-A(-BS)	PUHY-P1300YSNW-A(-BS)	PUHY-P1350YSNW-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P400YNW-A(-BS)	PUHY-P400YNW-A(-BS)	PUHY-P400YNW-A(-BS)	PUHY-P450YNW-A(-BS)	PUHY-P450YNW-A(-BS)	PUHY-P450YNW-A(-BS)
	Outdoor unit 2		PUHY-P400YNW-A(-BS)	PUHY-P400YNW-A(-BS)	PUHY-P400YNW-A(-BS)	PUHY-P450YNW-A(-BS)	PUHY-P450YNW-A(-BS)	PUHY-P450YNW-A(-BS)
	Outdoor unit 3		PUHY-P350YNW-A(-BS)	PUHY-P350YNW-A(-BS)	PUHY-P400YNW-A(-BS)	PUHY-P400YNW-A(-BS)	PUHY-P400YNW-A(-BS)	PUHY-P450YNW-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y300VBK3					
Indoor unit–Twinning pipe 2	Liquid	a	ø19.05					
	Gas	b	ø41.28					
Twinning pipe 1–Twinning pipe 2	Liquid	c	ø19.05					
	Gas	d	ø34.93					

	Unit model	Liquid e or g or i	Gas f or h or j
Twinning pipe–Outdoor unit	P350	ø12.7	ø28.58
	P400	ø15.88	ø28.58
	P450	ø15.88	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 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 (sections "a", "b", "c" and "d" 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.