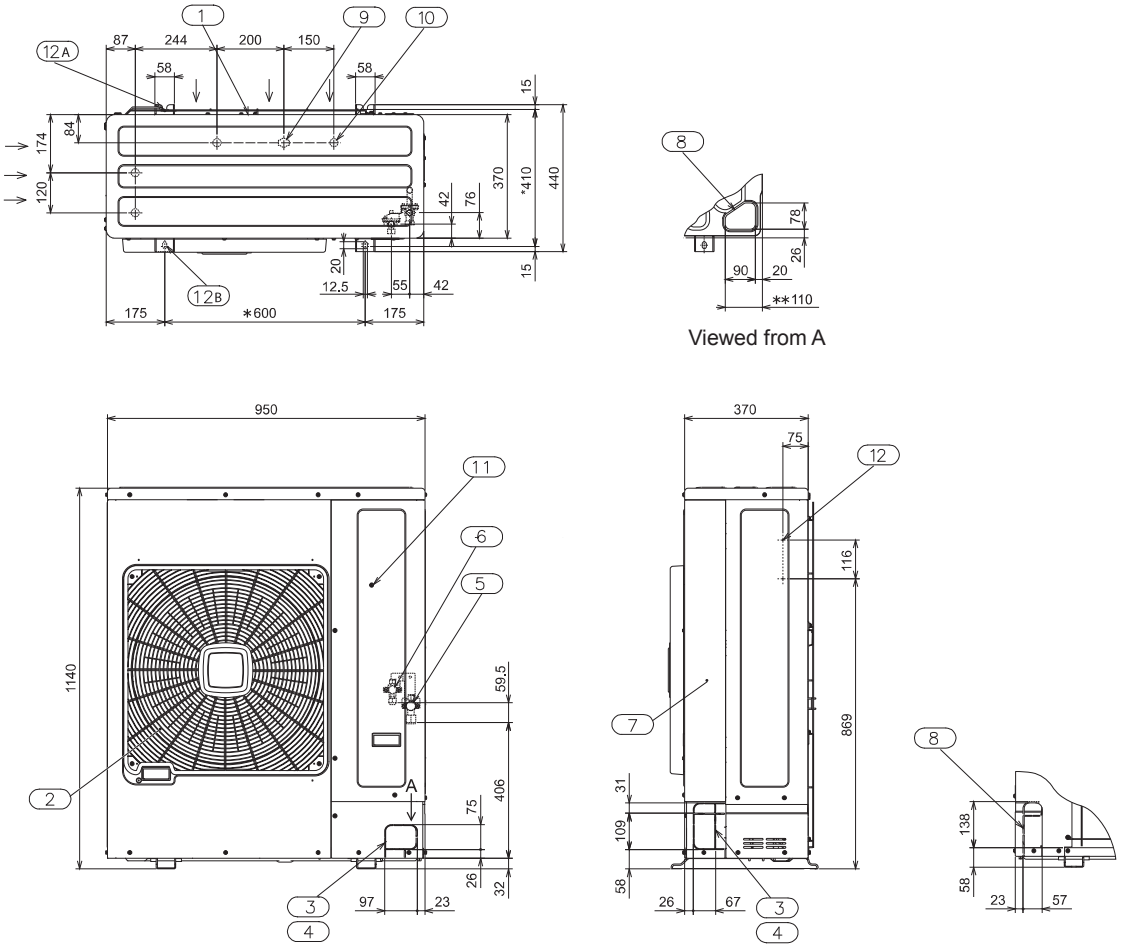
7.1.2 RAS-(4-6)H(V)(R/N)(C/P)2E



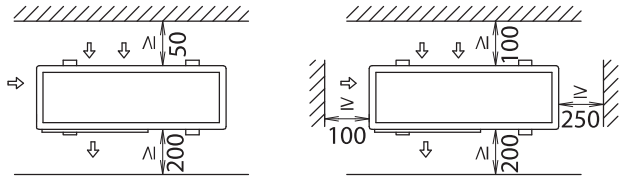
Units in mm.

Number	Description	Remarks
1	Air inlet	—
2	Air outlet	—
3	Holes for power supply wiring	—
4	Holes for control line wiring	—
5	Gas piping connection	—
6	Liquid piping connection	—
7	Service panel	—
8	Refrigerant piping hole	—
9	Drain hole	—
10	Drain hole	—
11	Earth terminal wiring	(M5)
12	Holes for fixing machine to wall	A: 2-U cut holes / B: 2 - holes

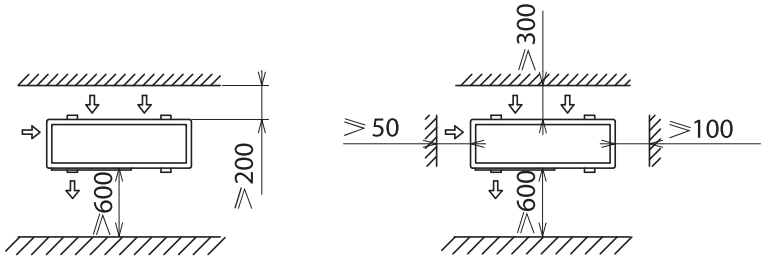
7.2 Service space

7.2.1 Basic sizes

◆ **RAS-3HVRC2**



◆ **RAS-(4-6)H(V)(R/N)(C/P)2E**



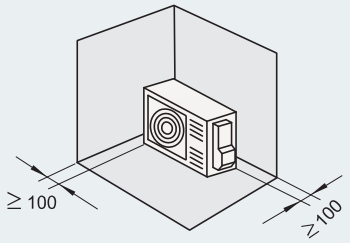
Units in mm.

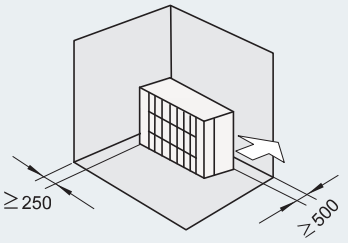
NOTE

Please refer to the Service Manual for specific information.

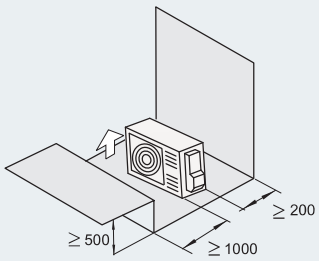
7.2.2 RAS-3HVRC2

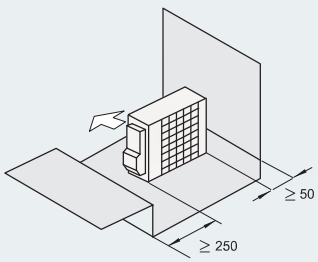
a) In case of front side and either of the sides are open (single unit)



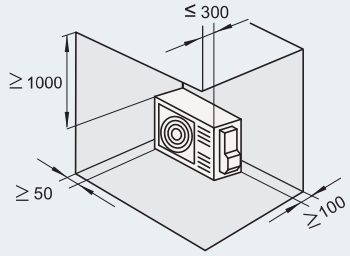


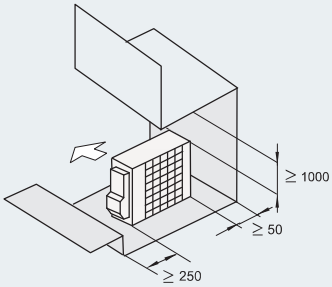
b) In case that surrounding wall exist (single unit)

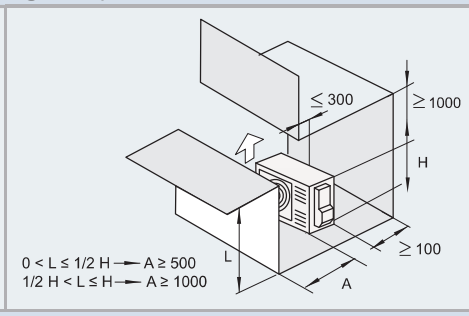




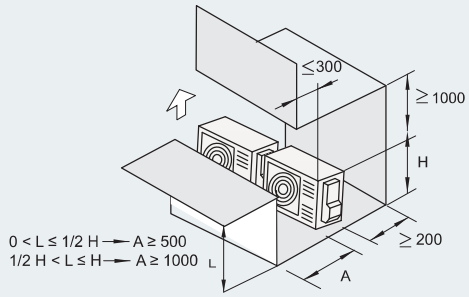
c) In case that upper side obstacles exist (single unit)

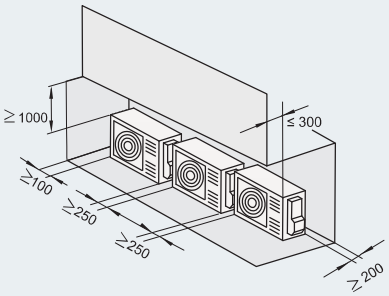




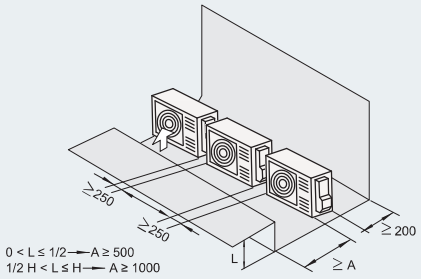


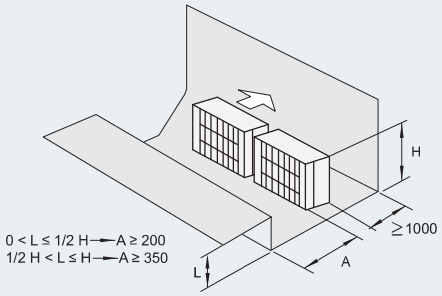
d) In case that upper side obstacles exist (serial units)

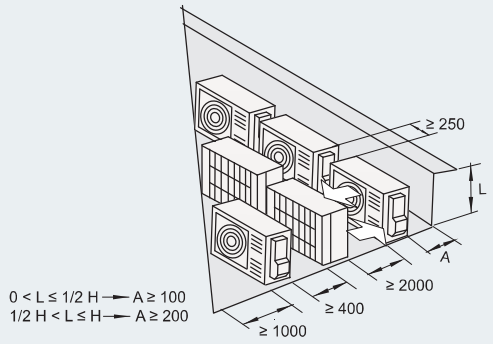
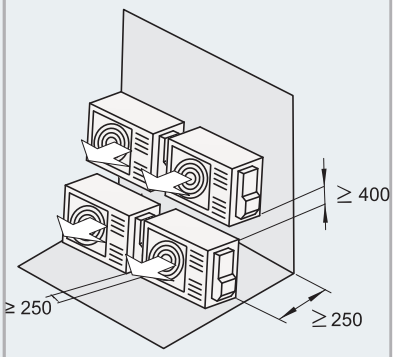


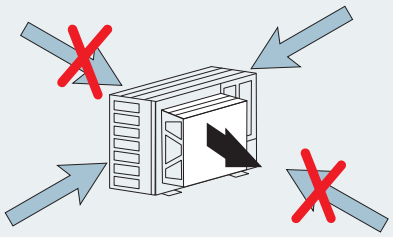
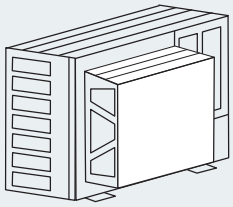
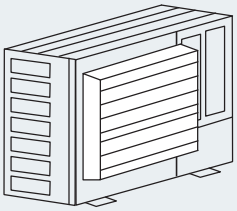


f) In case that surrounding wall exist (serial units)





g) Horizontal (multiple units)	
	
Do not stack more than two units in height. - Close gap (*) to avoid recirculating discharge air flow.	

Follow the instructions below to install on the rooftop or a location without surrounding buildings, where strong wind is expected against the product. Choose a location where the outlet or inlet side of the product will not be exposed to strong wind. When the outlet is exposed to strong wind: Direct strong wind may cause lack of air flow and adversely affect to the operation.		**⚠ CAUTION** *Excessive strong wind against the outdoor unit outlet may cause inverse rotation and damage the fan and motor.*
In case of blowing strong wind to air outlet the wind guard (optional) is available to avoid strong wind		Wind guard model Model: WSP-264 — Number of set required: 1
Air flow guide		Air flow guide model Model: AG-264 — Number of set required: 1

NOTE

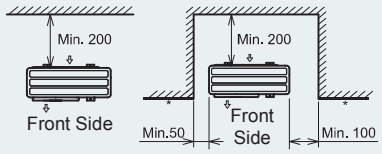
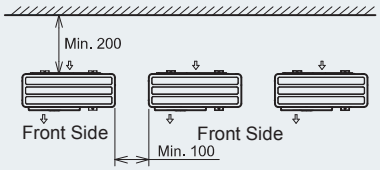
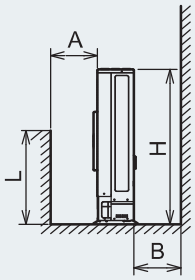
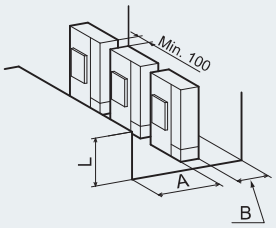
- *The wind guard must be set at annual cooling operation (in DSW2 switch 3).*
- *For ambient temperature ≤ 10ºC, it is recommended to set the wind guard at cooling operation.*

7.2.3 RAS-(4-6)H(V)(R/N)(C/P)2E

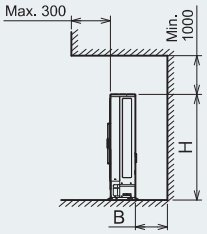
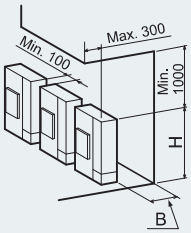
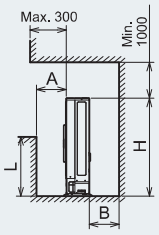
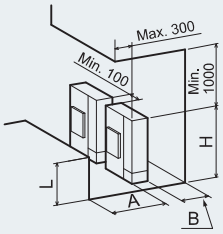
(Unit: mm)

Blocked in Inlet Side

Upper Side Open

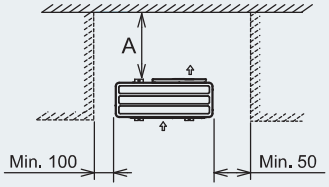
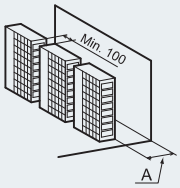
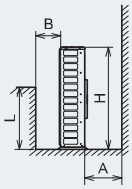
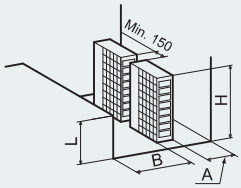
Single Installation	Multiple Installation (Two units or more)
	
	

Upper Side Blocked

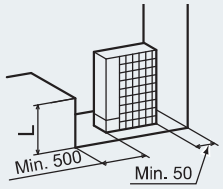
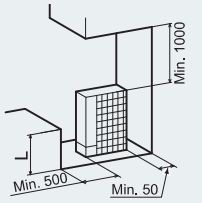
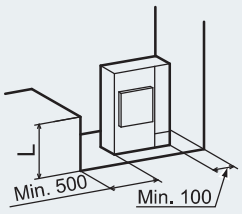
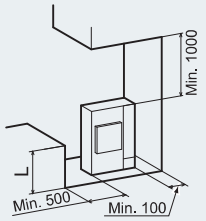
Single Installation	Multiple Installation (Two units or more)
	
	

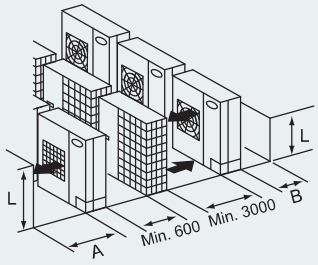
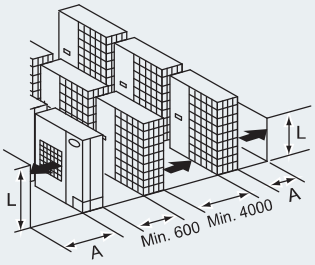
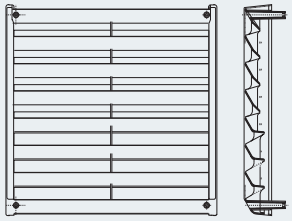
Outlet Side Blocked

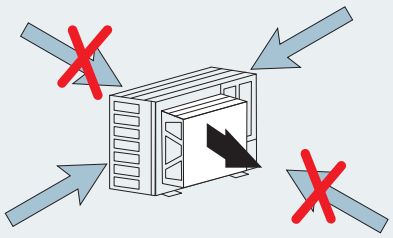
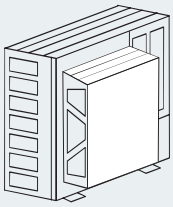
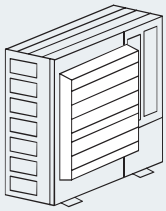
Upper Side Open

Single Installation	Multiple Installation (Two units or more)
	
	

7

Right and Left Blocked	
Upper Side Open	**Upper Side Blocked**
Single Installation	
	
	

Multi-Row and Multiple Installations		
		
Mount the airflow guide and provide sufficient space on both right and left sides.		When using airflow guide (AG-335A, optional), check that the discharged air is not short-circuited to the air inlet side.
A: 0 < L ≤ 1/2H: Min. 600; A: 1/2H < L ≤ H: Min. 1400; B: 0 < L ≤ 1/2H: Min. 300; B: 1/2H < L ≤ H: Min. 350		When L > H use a base for outdoor unit to make L ≤ H. Close the base not to allow the outlet air bypassed.

Follow the instructions below to install on the rooftop or a location without surrounding buildings, where strong wind is expected against the product. Choose a location where the outlet or inlet side of the product will not be exposed to strong wind. When the outlet is exposed to strong wind: Direct strong wind may cause lack of air flow and adversely affect to the operation.		**⚠ CAUTION** *Excessive strong wind against the outdoor unit outlet may cause inverse rotation and damage the fan and motor.*
In case of blowing strong wind to air outlet the wind guard (optional) is available to avoid strong wind		Wind guard model Model: WSP-335A; Number of set required: 1
Air flow guide		Air flow guide model Model: AG-335A; Number of set required: 1