

## Required installation space

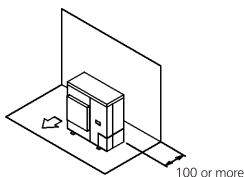
The unit of the values is mm.

### (A) When there are obstacles on suction sides.

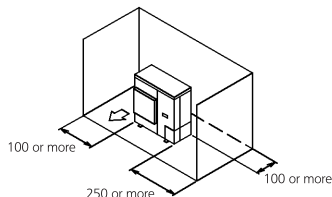
● No obstacle above

① Stand-alone installation

- Obstacle on the suction side only

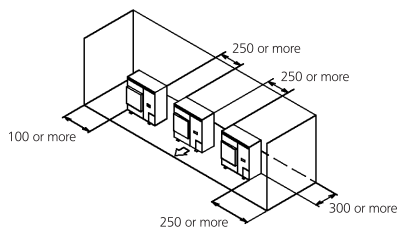


- Obstacle on both sides



② Series installation (2 or more)

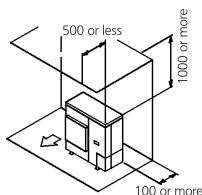
- Obstacle on both sides



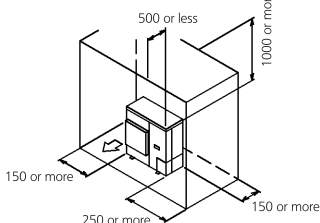
● Obstacle above, too.

① Stand-alone installation

- Obstacle on the suction side, too

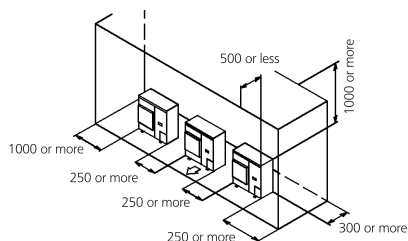


- Obstacle on the suction side and both sides



② Series installation (2 or more)

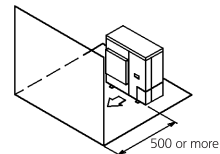
- Obstacle on the suction side and both sides



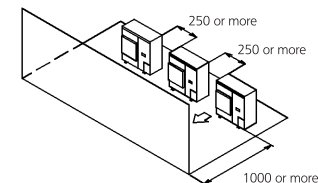
### (B) When there are obstacles on discharge sides.

● No obstacle above

① Stand-alone installation

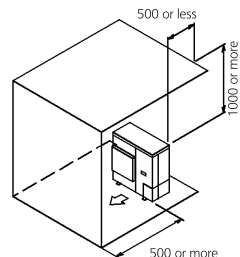


② Series installation (2 or more)

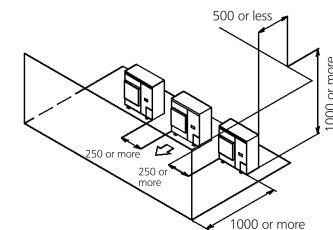


● Obstacle above, too

① Stand-alone installation



② Series installation (2 or more)



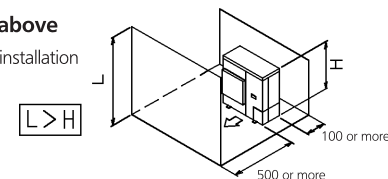
### (C) When there are obstacles on both suction and discharge sides.:

Pattern 1

When the obstacles on the discharge side is higher than the unit.  
(There is no height limit for obstructions on the intake side.)

● No obstacle above

① Stand-alone installation



② Series installation (2 or more)

