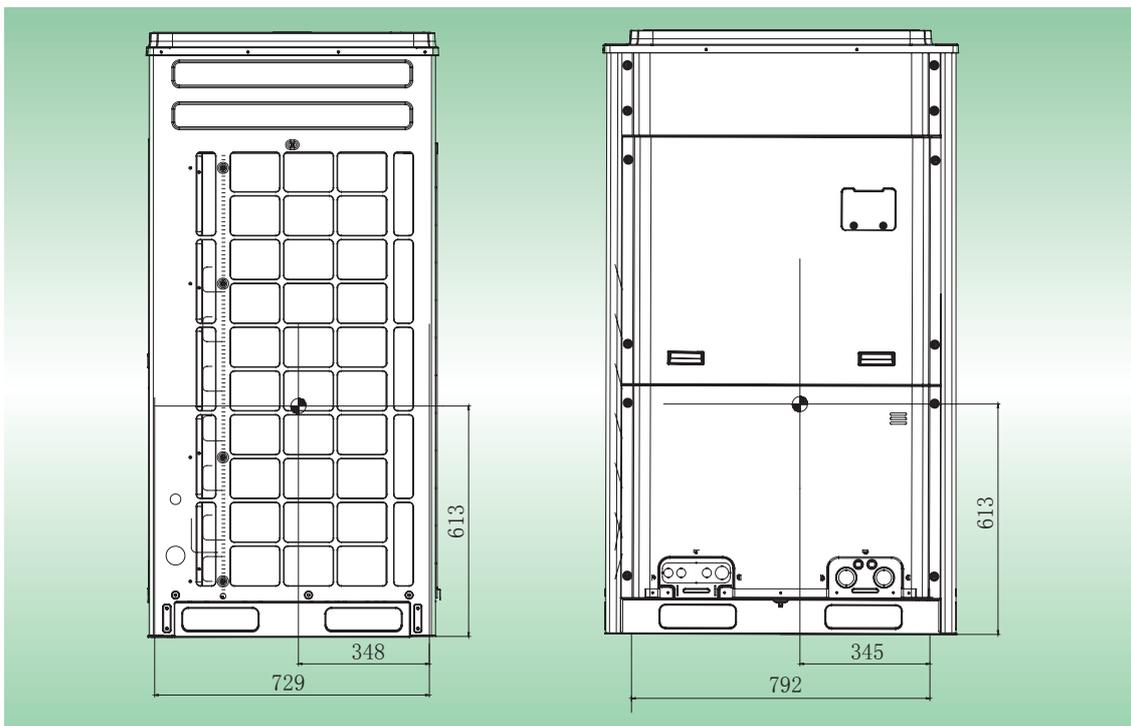


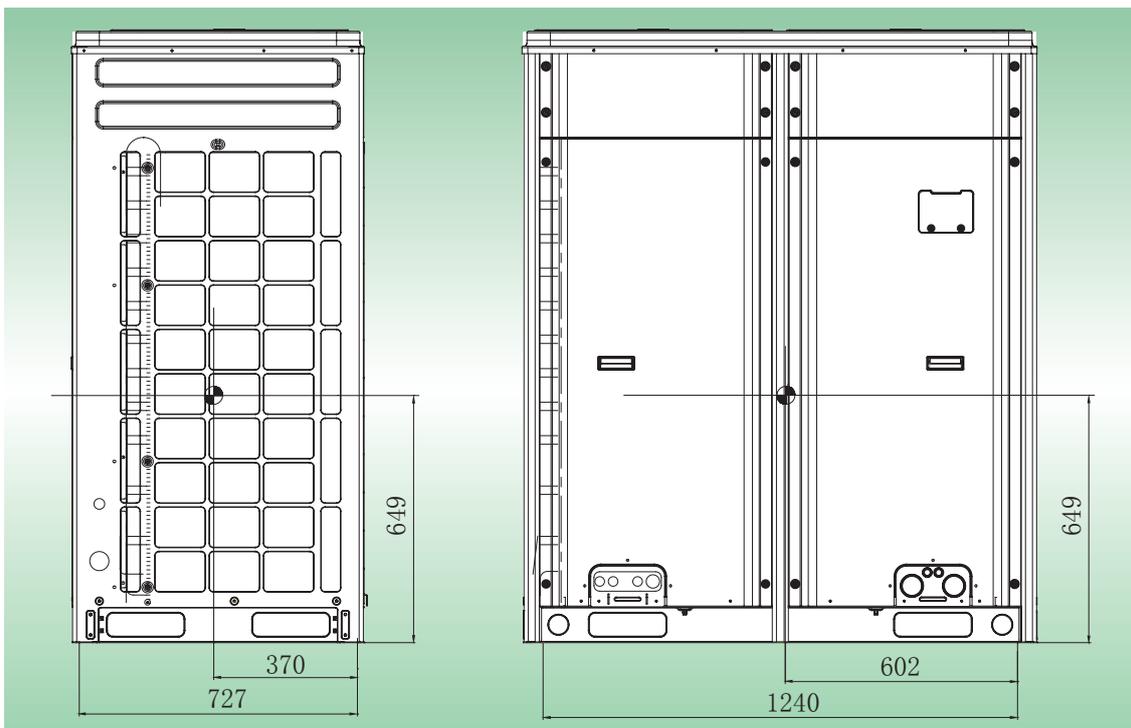
UNIT DIAGRAMS

Unit: mm

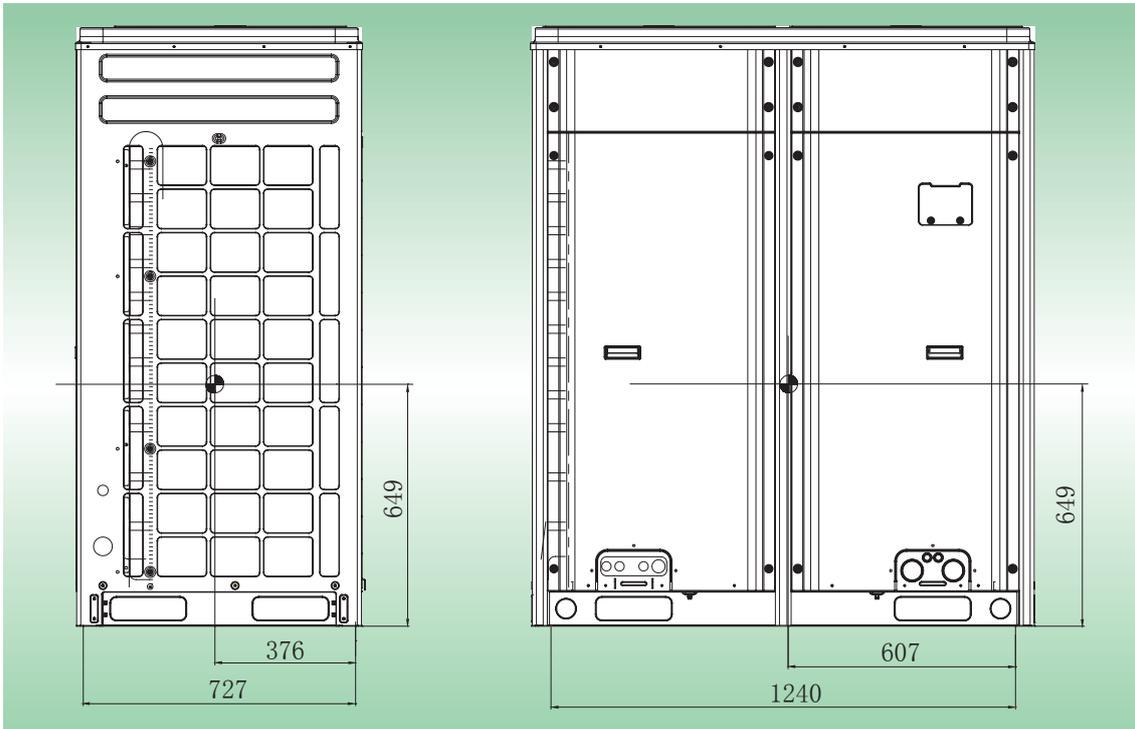
SMZU75V2AI, SMZU96V2AI



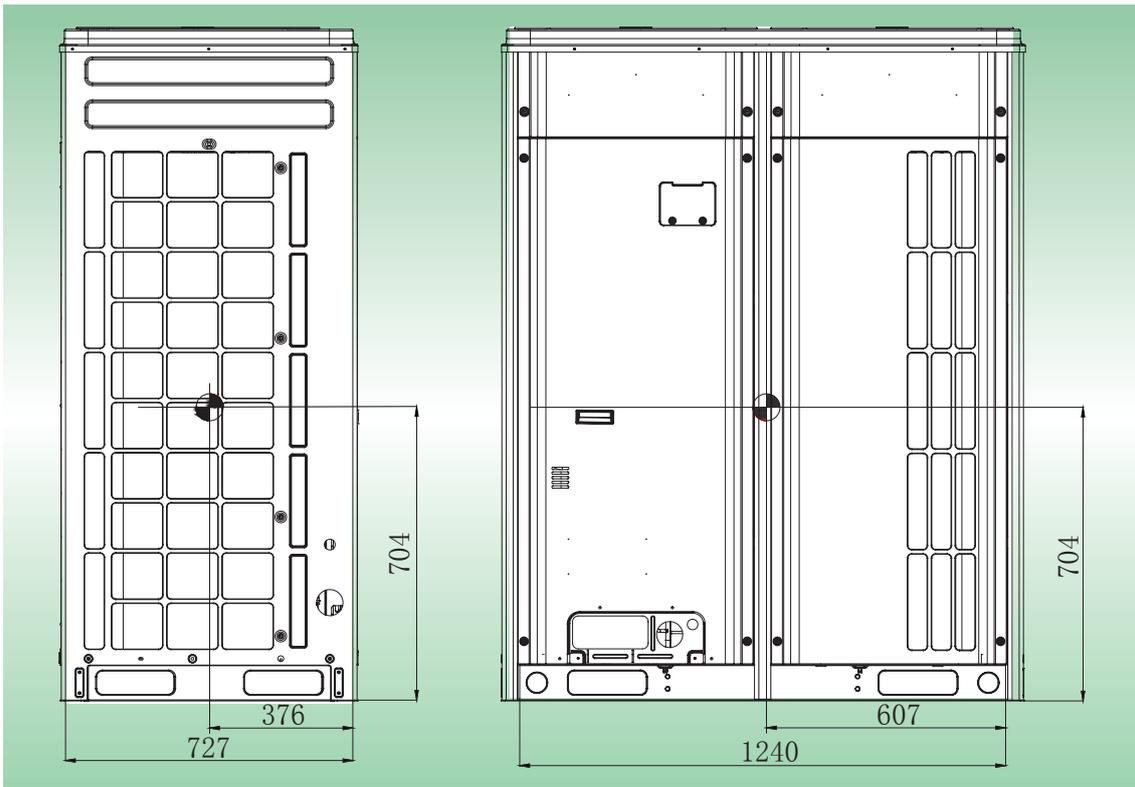
SMZU120V2AI



SMZU135V2AI, SMZU150V2AI



SMZU175V2AI, SMZU190V2AI, SMZU215V2AI



UNIT INSTALLATION SPACE REQUIREMENTS

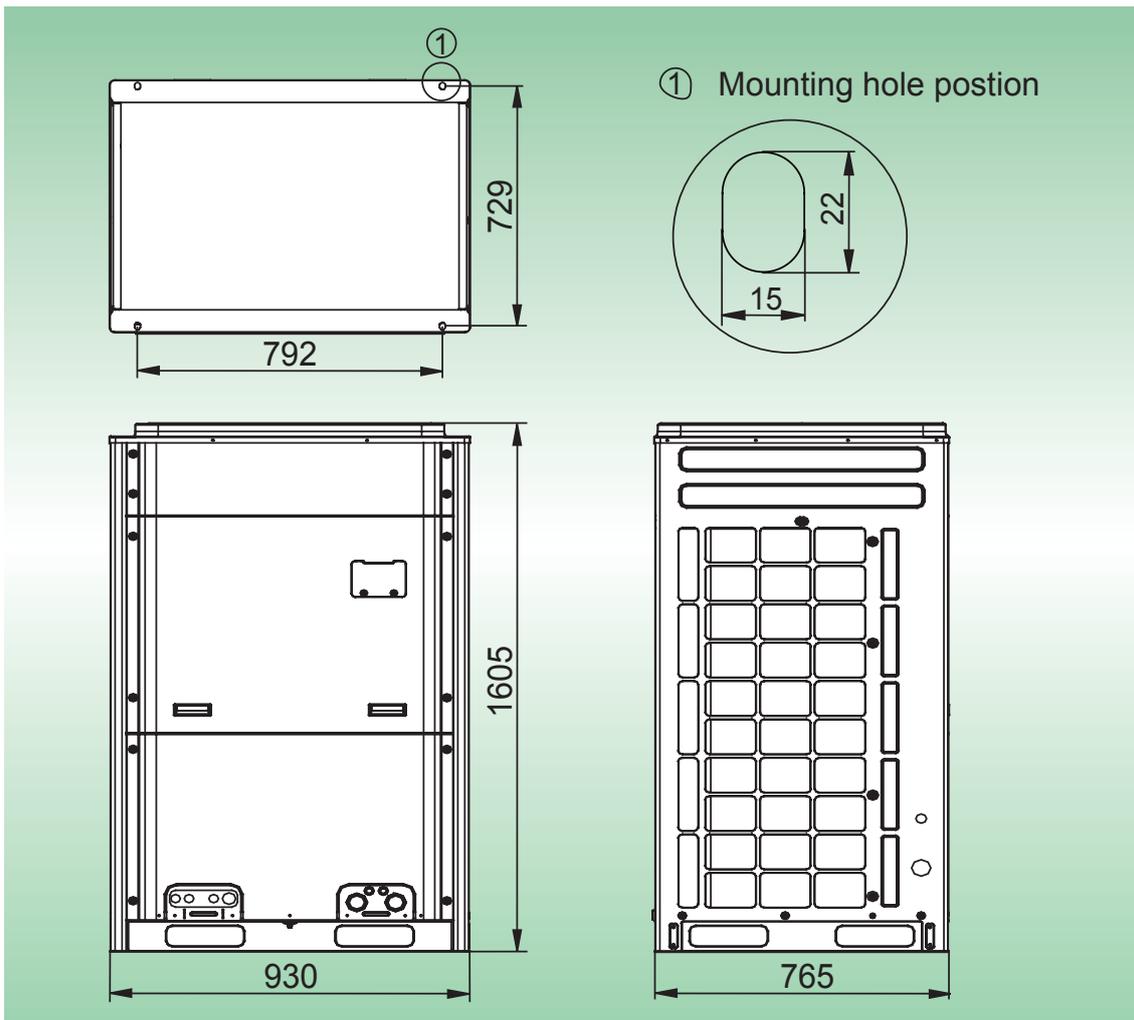
9.1 Selection of outdoor unit installation site

VRF units are used in a lot of situations and serve wider users. If the unit is installed in a living environment, the cooling, heating and noise requirements will be higher, especially for the aged and infants. Therefore, the indoor/outdoor unit model with sufficient capacity and low noise should be preferred during model selection. It is not advisable to install the outdoor unit outside the bedroom, study room, or meeting room. For the commercial site, it is improper to install the outdoor unit near the office.

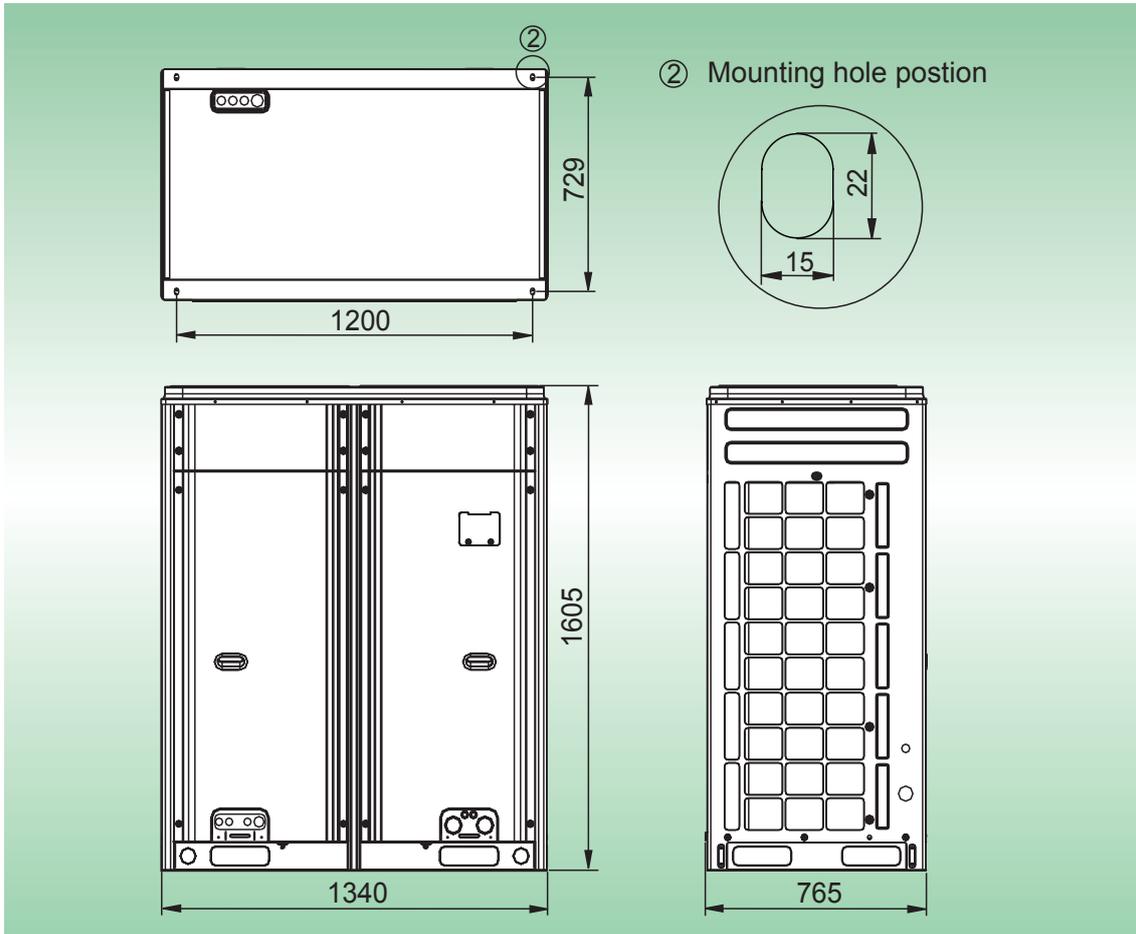
9.2 External dimensions and mounting hole dimensions of the outdoor unit

Unit: mm

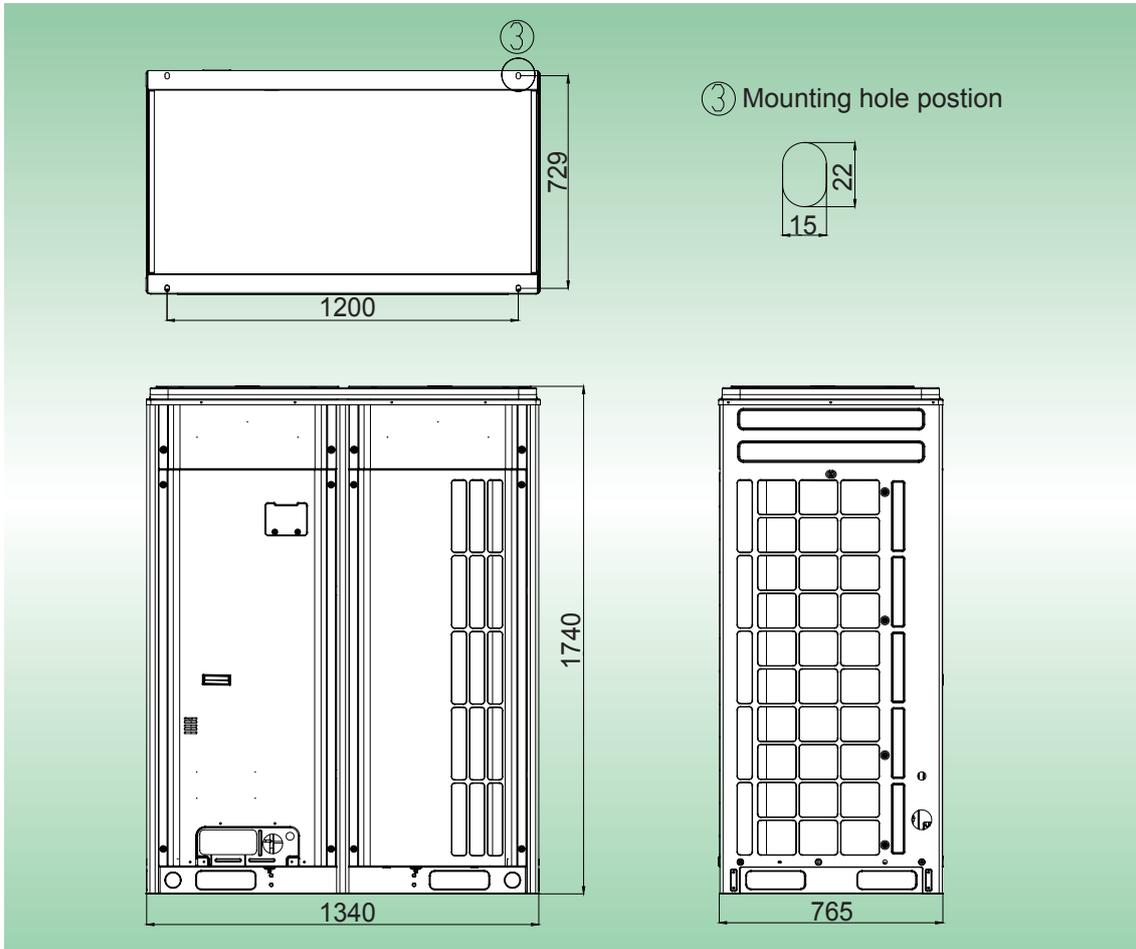
External and installation dimensions of SMZU75V2AI, SMZU96V2AI and SMZU120V2AI:



External and installation dimensions of SMZU135V2AI and SMZU150V2AI:



External and installation dimensions of SMZU175V2AI, SMZU190V2AI and SMZU215V2AI:

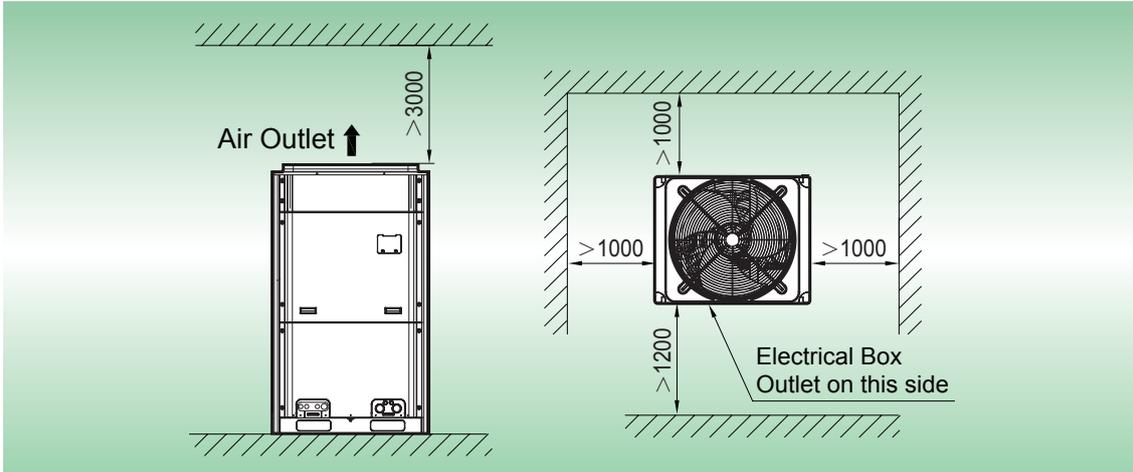


External unit installation space requirements

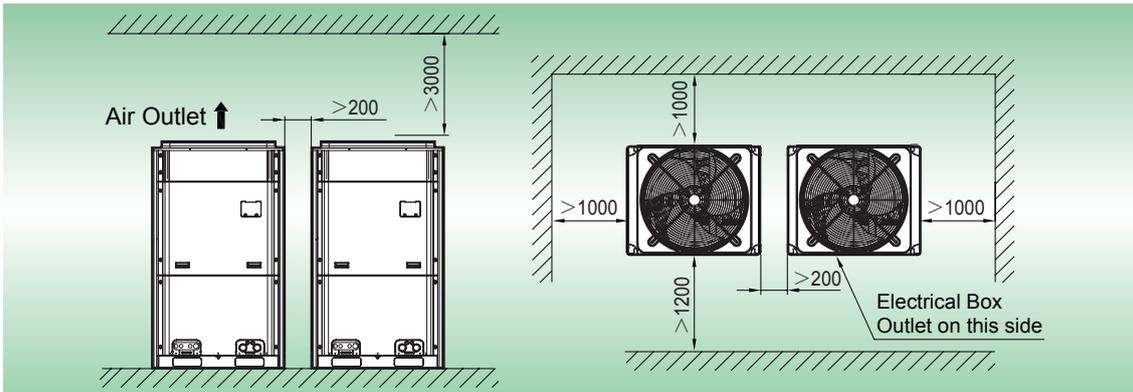
Unit: mm

1) If all sides of the outdoor unit (including the top) are surrounded by walls, process according to the following requirements for installation space:

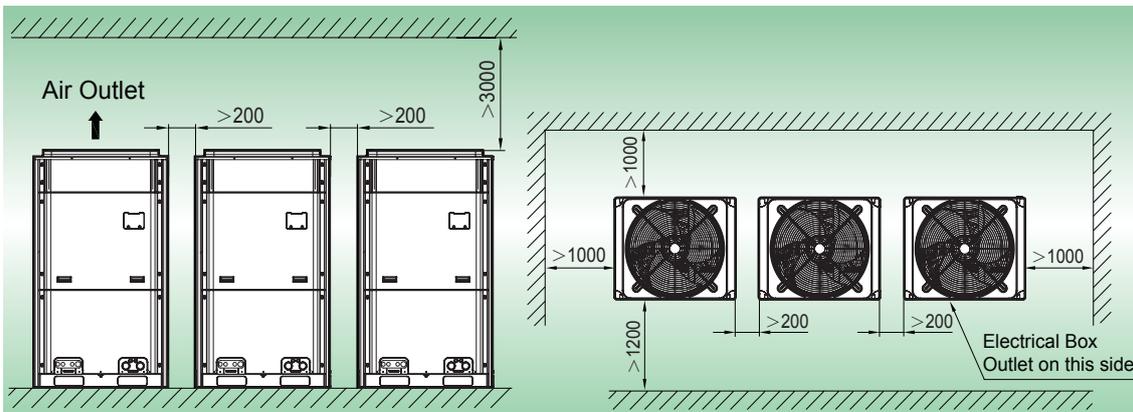
Installation space requirements for the single-module unit



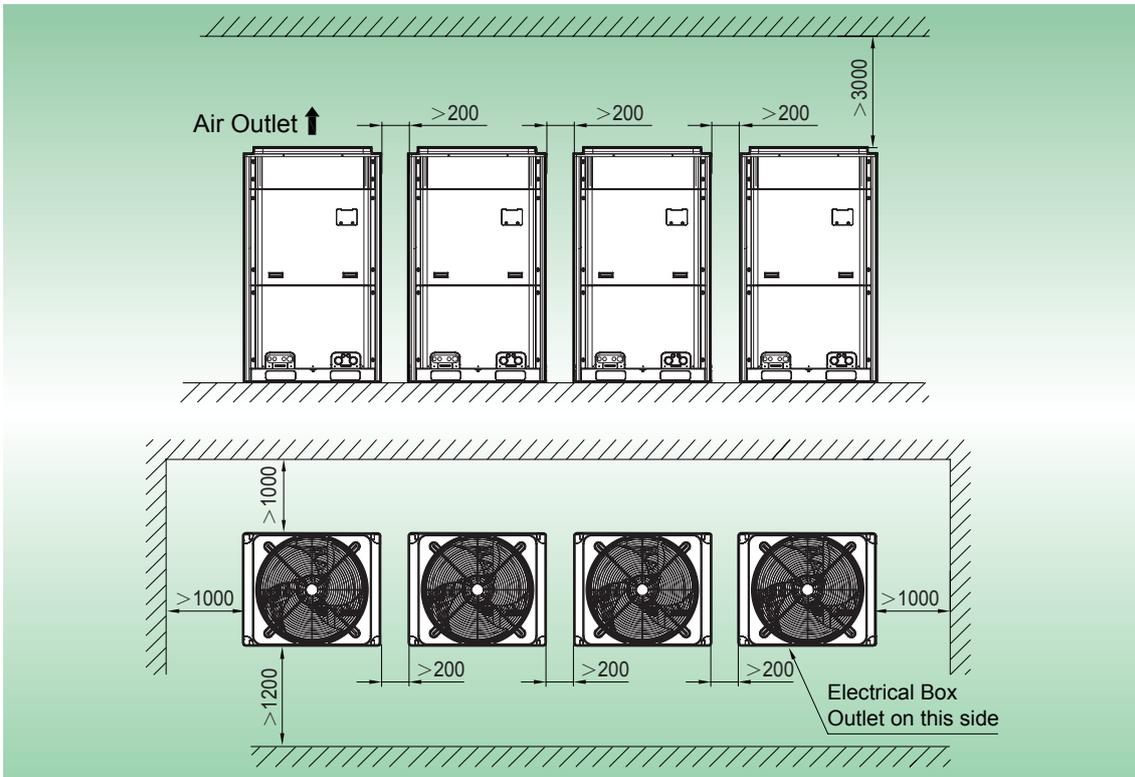
Installation space requirements for the dual-module unit



Installation space requirements for triple-module unit



Installation space requirements for quad-module unit



2) If there is a crown wall (such a barrier against wind) above the machine top, the machine top should be more than 3000 mm away from the crown wall in principle. If the spaces around the front, rear, left side, and right side of the machine are all open spaces, the machine top should be more than 1500 mm away from the crown wall, as shown in Figure (a). If the dimension is less than 1500 mm or the spaces around the machine are not open spaces, it is required to use a return duct to keep smooth ventilation, as shown in Figure (b).

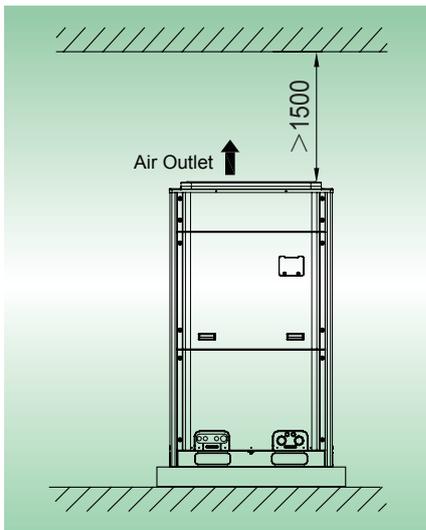


Figure (a)

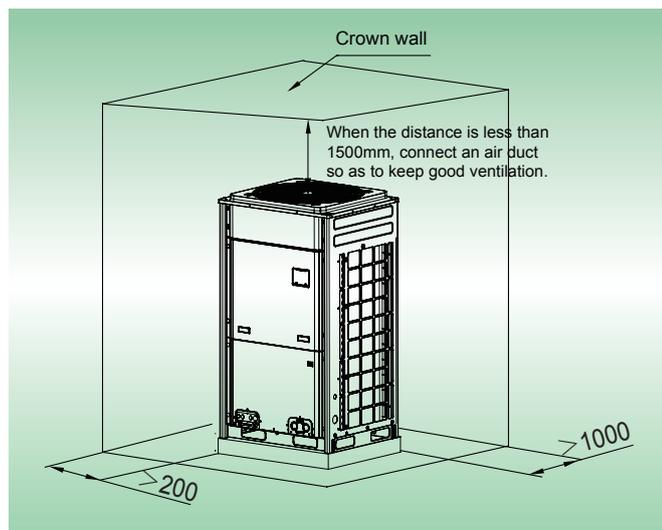


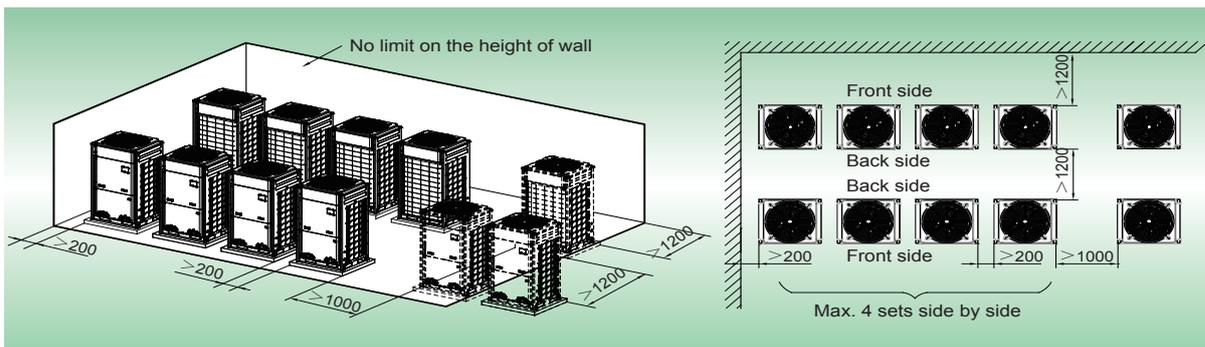
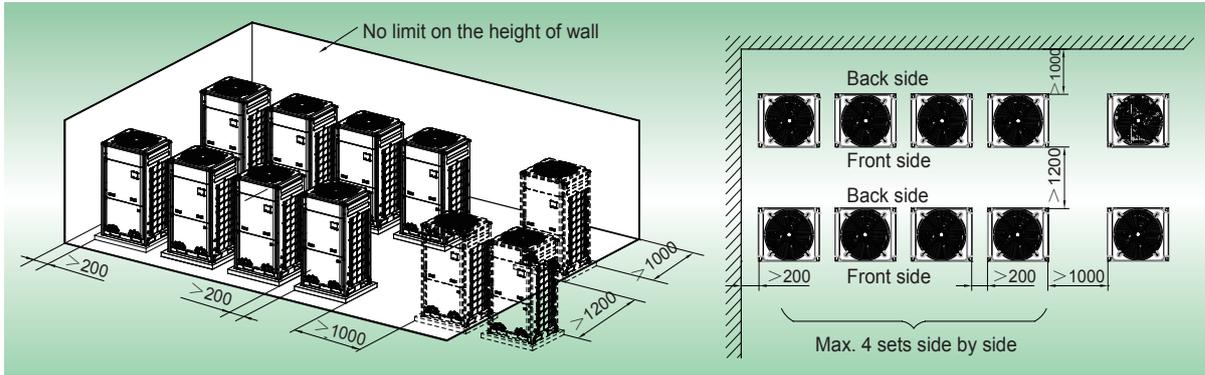
Figure (b)

Installation space requirements of multiple outdoor units

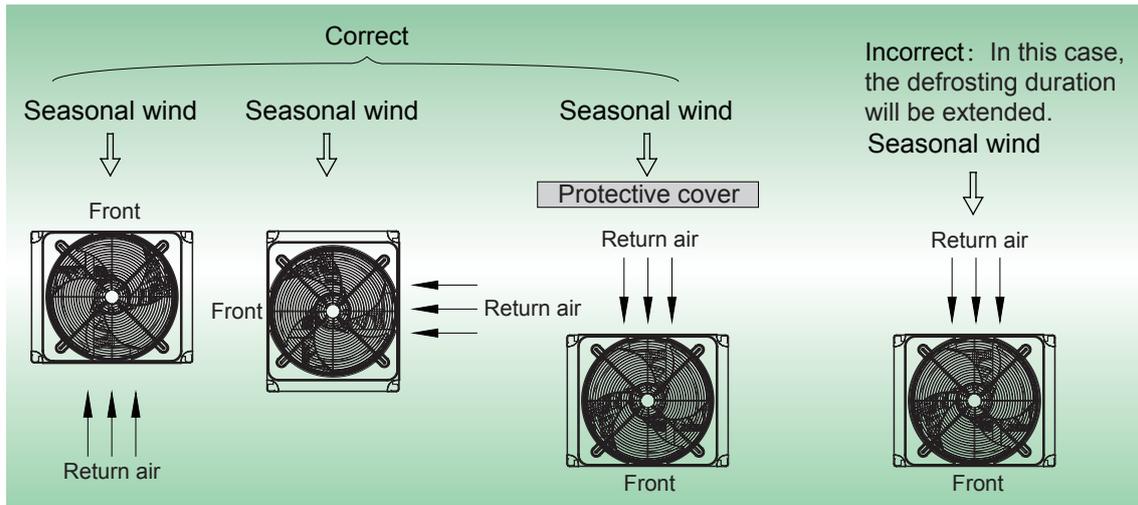
To ensure smooth ventilation, an open space must be ensured above the unit top, and there is no barrier against wind.

If there is an open space at the front side and left side (or right side) of the outdoor unit, the units should

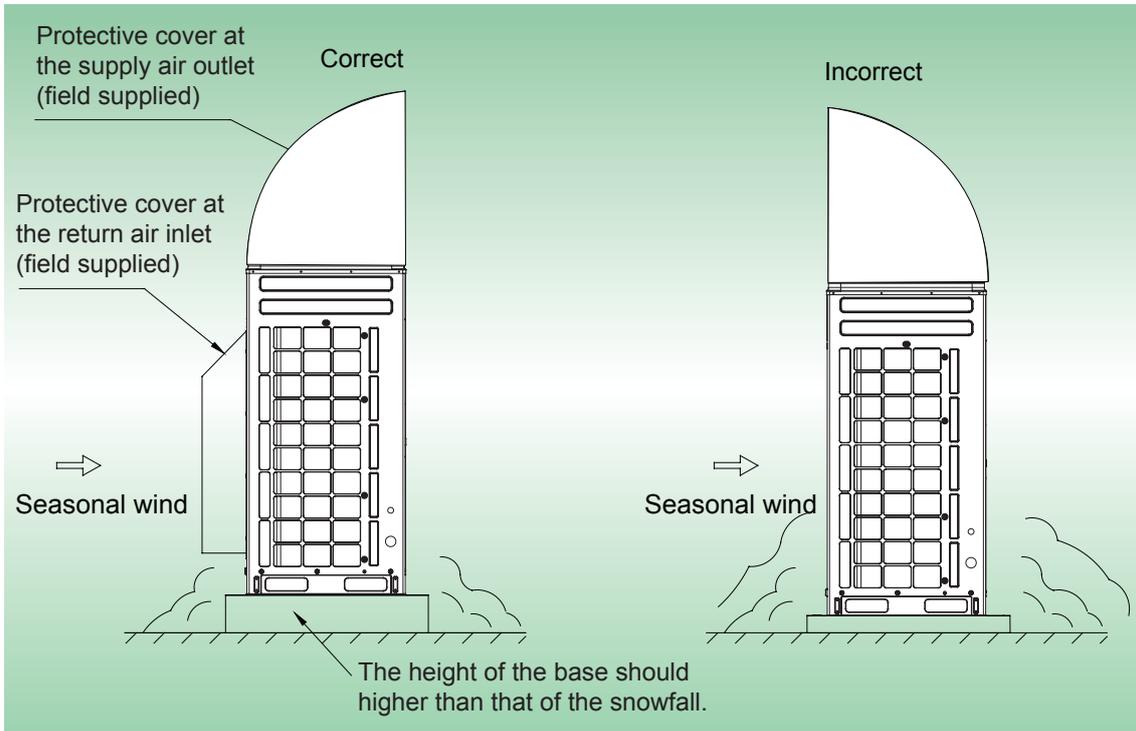
be installed towards the same direction or reverse direction.



3) Considering the seasonal wind in outdoor unit installation



4) Considering snow in outdoor unit installation



5) When the outdoor unit is installed on equipment, an air exhaust pipe should be connected, the aperture opening ratio of the louver cannot be smaller than 80%, and the included angle between the louver and the horizontal plane should be smaller than 20°.