

PUHZ-W60VAA(-BS)
 PUHZ-W85VAA(-BS), PUHZ-W85YAA(-BS)
 PUHZ-W112VAA(-BS), PUHZ-W112YAA(-BS)

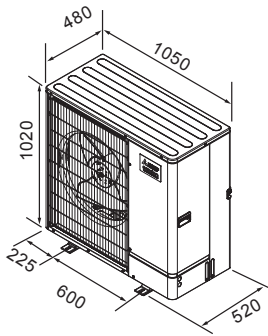


Fig. 1-18

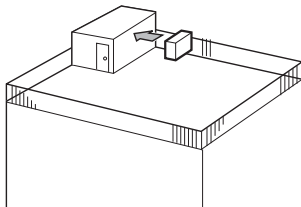


Fig. 1-19

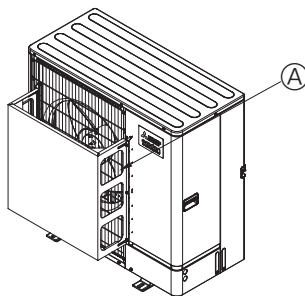


Fig. 1-20

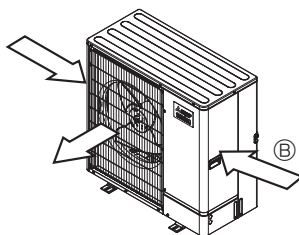


Fig. 1-21

■ Choosing the outdoor unit installation location

- Avoid locations exposed to direct sunlight or other sources of heat.
- Select a location from which noise emitted by the unit will not inconvenience neighbors.
- Select a location permitting easy wiring and pipe access to the power source and indoor unit.
- Avoid locations where combustible gases may leak, be produced, flow, or accumulate.
- Note that water may drain from the unit during operation.
- Select a level location that can bear the weight and vibration of the unit.
- Avoid locations where the unit can be covered by snow. In areas where heavy snow fall is anticipated, special precautions such as raising the installation location or installing a hood on the air intake must be taken to prevent the snow from blocking the air intake or blowing directly against it. This can reduce the airflow and a malfunction may result.
- Avoid locations exposed to oil, steam, or sulfuric gas.
- Use the transportation handles of the outdoor unit to transport the unit. If the unit is carried from the bottom, hands or fingers may be pinched.

■ Outline dimensions (Outdoor unit) (Fig. 1-18)

■ Ventilation and service space

(1) Windy location installation

When installing the outdoor unit on a rooftop or other location unprotected from the wind, situate the air outlet of the unit so that it is not directly exposed to strong winds. Strong wind entering the air outlet may impede the normal airflow and a malfunction may result.

The following shows three examples of precautions against strong winds.

- ① Face the air outlet towards the nearest available wall about 35 cm away from the wall. (Fig. 1-19)
 - ② Install an optional air guide if the unit is installed in a location where strong winds from a typhoon, etc. may directly enter the air outlet. (Fig. 1-20) A Air outlet guide
 - ③ Position the unit so that the air outlet blows perpendicularly to the seasonal wind direction, if possible. (Fig. 1-21)
- ⓑ Wind direction

(2) When installing a single outdoor unit (Refer to the next page)

Minimum dimensions are as follows, except for Max., meaning Maximum dimensions, indicated.

Refer to the figures for each case.

- ① Obstacles at rear only (Fig. 1-22)
- ② Obstacles at rear and above only (Fig. 1-23)
 - Do not install the optional air outlet guides for upward airflow.
- ③ Obstacles at rear and sides only (Fig. 1-24)
- ④ Obstacles at front only (Fig. 1-25)
- ⑤ Obstacles at front and rear only (Fig. 1-26)
- ⑥ Obstacles at rear, sides, and above only (Fig. 1-27)
 - Do not install the optional air outlet guides for upward airflow.

(3) When installing multiple outdoor units (Refer to the next page)

Leave 50 mm space or more between the units.

Refer to the figures for each case.

- ① Obstacles at rear only (Fig. 1-28)
- ② Obstacles at rear and above only (Fig. 1-29)
 - No more than 3 units must be installed side by side. In addition, leave space as shown.
 - Do not install the optional air outlet guides for upward airflow.
- ③ Obstacles at front only (Fig. 1-30)
- ④ Obstacles at front and rear only (Fig. 1-31)
- ⑤ Single parallel unit arrangement (Fig. 1-32)
 - * When using an optional air outlet guide installed for upward airflow, the clearance is 500 mm or more.
- ⑥ Multiple parallel unit arrangement (Fig. 1-33)
 - * When using an optional air outlet guide installed for upward airflow, the clearance is 1000 mm or more.
- ⑦ Stacked unit arrangement (Fig. 1-34)
 - The units can be stacked up to two units high.
 - No more than 2 stacked units must be installed side by side. In addition, leave space as shown.

Note: The space should be provided for optimizing the performance of the unit. Provide the proper space for water piping.

UNIT : mm

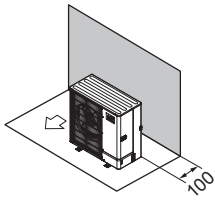


Fig. 1-22

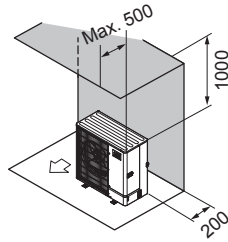


Fig. 1-23

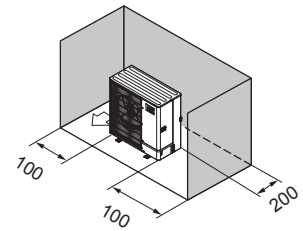


Fig. 1-24

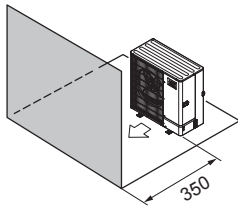


Fig. 1-25

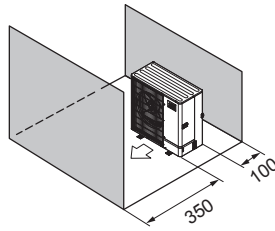


Fig. 1-26

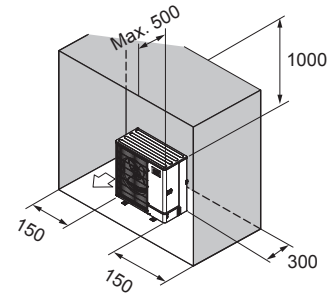


Fig. 1-27

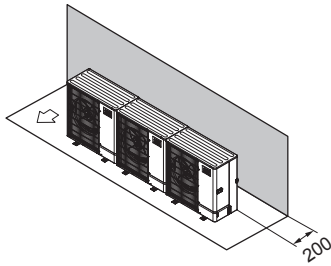


Fig. 1-28

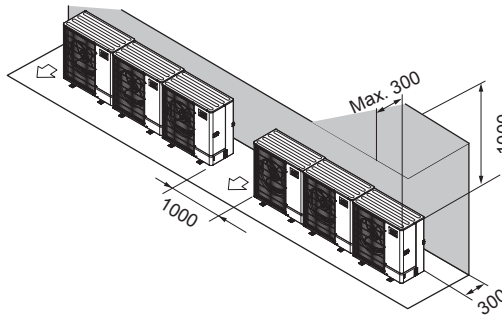


Fig. 1-29

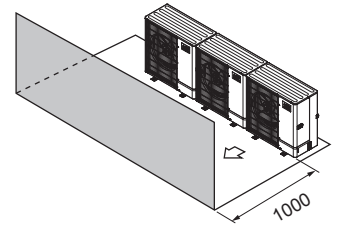


Fig. 1-30

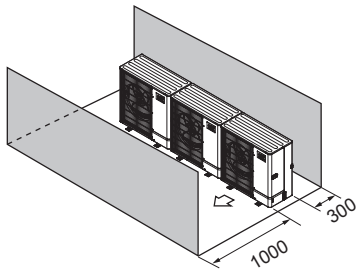


Fig. 1-31

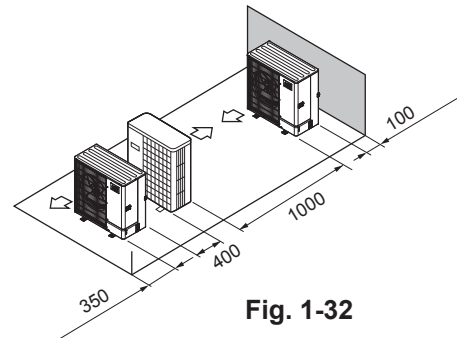


Fig. 1-32

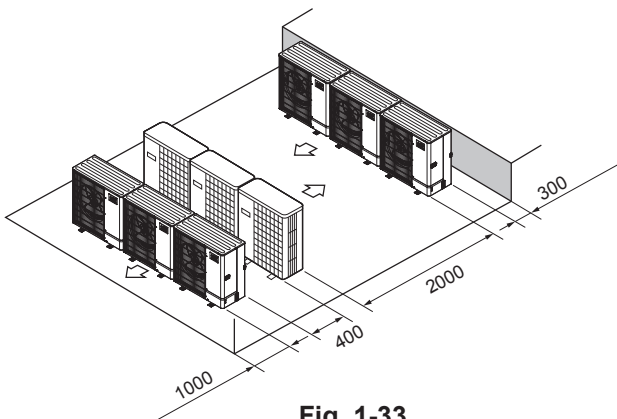


Fig. 1-33

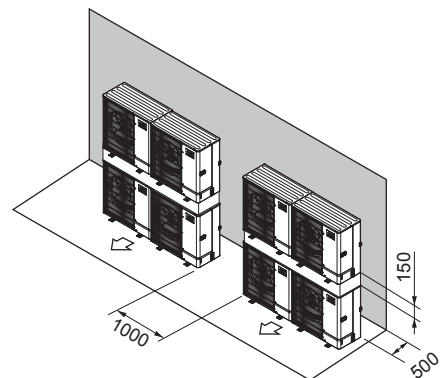


Fig. 1-34

Outdoor unit