

# Carry-in/Installation

## Foundation/Platform Work

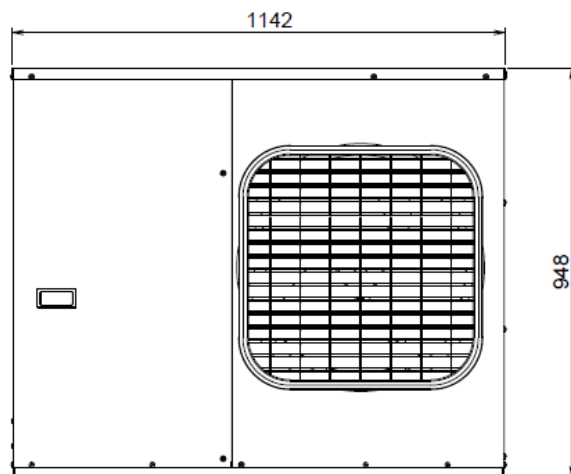
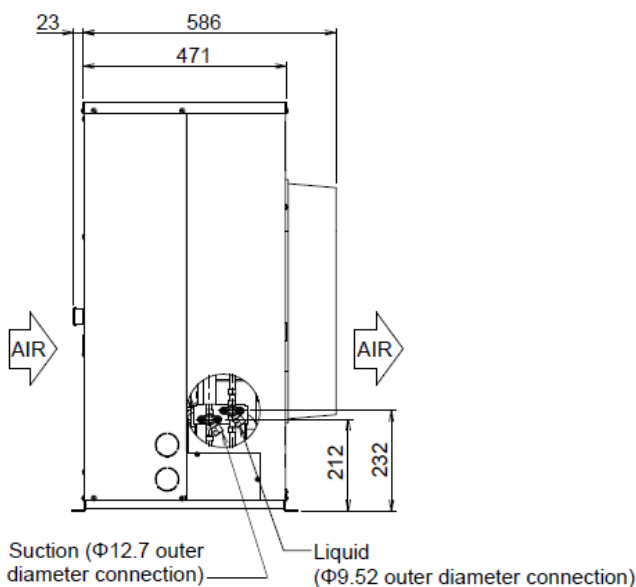
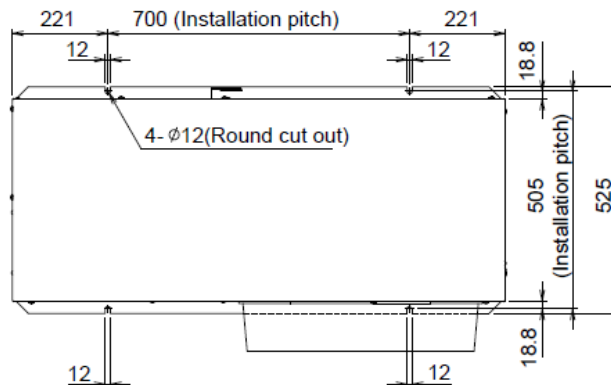
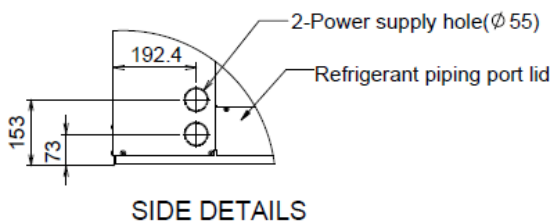
- As a reference, the foundation should be made from concrete having a mass about 3 times that of the refrigeration unit. (Absorbing vibration by mass)
- Vibration should be reduced by a platform or anti-vibration pad for avoiding transmission of vibration to the floor and wall.
- To avoid falling, secure the refrigeration unit by using anchor bolts. (Use all securing positions)
- The refrigeration unit must be installed with an inclination angle 1° or below.
- The refrigeration unit must be installed below the altitude of 2,000 m.

If a foundation meeting the requirement above cannot be secured, be sure to check that no abnormal vibration is generated by resonance of the refrigeration unit and piping system.

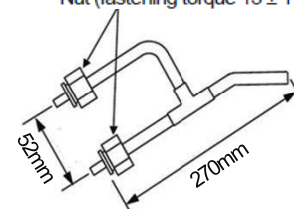
- (1) Basic foundation work when the pipe is extended horizontally.  
On a concrete foundation 150 mm or higher from the floor surface, place anti-vibration pads (Approx. 8 to 15 mm thick) and secure the unit on the entire unit base with anchor bolts.
- (2) Basic foundation work when the pipe is extended downward.  
Form an elevated foundation with vertical columns.  
Place an anti-vibration pad (thickness of 8 to 15 mm) on the entire surface of the foundation and secure it with anchor bolts.
- (3) Anchor bolts  
Use M8 size anchor bolts and buried at least 100 mm on the concrete foundation.  
Fix the unit with double nuts and plain washers (28 mm O.D. minimum).

## External Dimensions

(Units: mm)



Connected to the unit service valve  
Nut (fastening torque 13 ± 1 N·m)



## Optional Accessories

The following service piping (optional) is required for the installation and service work of the refrigeration unit.

Service piping for Evacuation, Airtight test, and Refrigerant charging (Model No. SPK-TU125)