

HITACHI Installation Manual for Multi-Kits

Drain Boss Model: DBS-TP10A

NOTE

This drain boss is for the drain pipe connection in order to use outdoor unit bottom base as a drain pan.

1. Applicable Outdoor Units

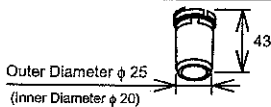
Applicable Outdoor Unit	HP
Top Flow Type	5 to 54

NOTE:

Make sure to check the series of the applicable outdoor units as well as the specified quantity of the drain boss in the catalog.

2. Before Installation

Confirm the number of the following parts by referring to the model printed on the package before unpacking.

No.	Parts Name	Q'ty	Application
①	Drain Boss (VP20 Equivalent) 	2	Connecting for Drain Piping
②	Rubber Cap 	4	Fixing for ① Boss and ③ Cap
③	Drain Cap 	2	Embolization for Drain Hole

3. Installation Work

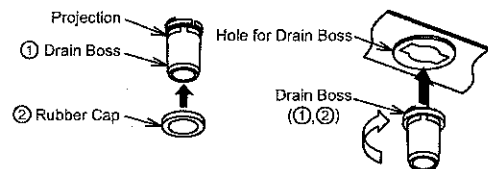
CAUTION

Place the outdoor unit on the flat foundation or block and fix it at least 100mm higher than the ground. For smooth drainage, install the outdoor unit with slightly inclined on the drainage side (rear side).

3.1 Installation of Drain Boss

The drain boss is for the drain pipe connection in order to use outdoor unit bottom base as a drain pan.

- (1) Put the ② rubber cap in the ① drain boss (to the upper part of the drain boss projection) in the arrow direction.
- (2) Put the drain boss in the hole for the drain boss of the outdoor unit bottom base until it is securely fixed. (approx. 40°)
(The drain boss in the shape of taper can be fit into the bottom base and stopped by itself.)

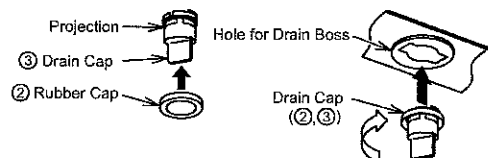


3.2 Installation of Drain Cap

The drain cap is a component to cover a hole.

(The hole for drain boss of the outdoor unit is not included.)

- (1) Put the ② rubber cap in the ③ drain cap (to the upper part of the drain boss projection) in the arrow direction.
- (2) Put the drain cap in the hole for the drain boss of the outdoor unit bottom base until it is securely fixed. (approx. 40°)
(The drain cap in the shape of taper can be fit into the bottom base and stopped by itself.)

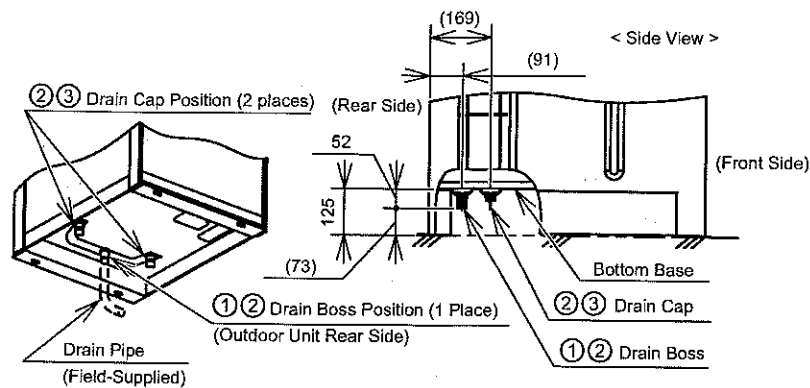


CAUTION

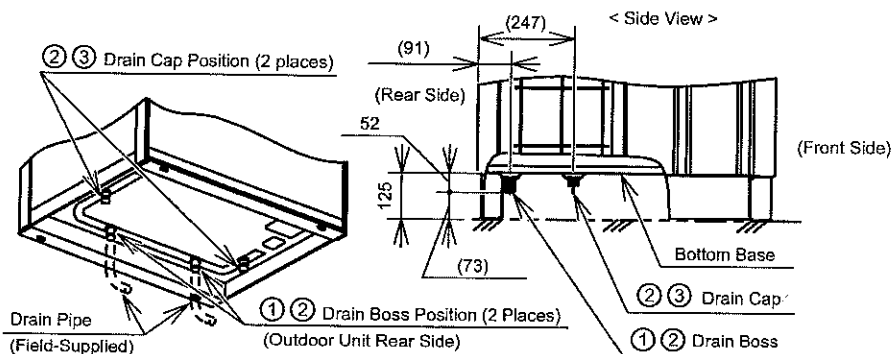
Use a rubber cap when fixing the drain boss and drain cap. (No rubber cap may lead to water leakage.) After fixing, ensure that there is no water leakage from the drain cap after pouring water into the bottom base and then draining it from the drain boss.

< Installation Position >

Example
Model: 5HP



Model: 8HP



CAUTION

Securely fix the drain boss, rubber cap and drain cap at the bottom base without being loosened when connecting the drain pipe.

4. Utilization in Cold Area

CAUTION

Do not use drain boss kit in an area where drain water may be frozen.
(The drain water in the drain pipe may be frozen and then the drain pipe may crack.)

- (1) In a snow area, water from the heat exchanger may be frozen on the surface of the bottom base. This may lead to poor drainage. Therefore, do not use the drain boss kit in this area.
- (2) In the drainage method according to this manual, some of the defrost drain water dripped from the inlet protection grille may be flowed out over the bottom base of the product.
To prevent this, provide a drain pan larger than the bottom surface of the product. Fix the drain pan and the discharge pipe between the bottom part of the product and the foundation prior to discharge.