

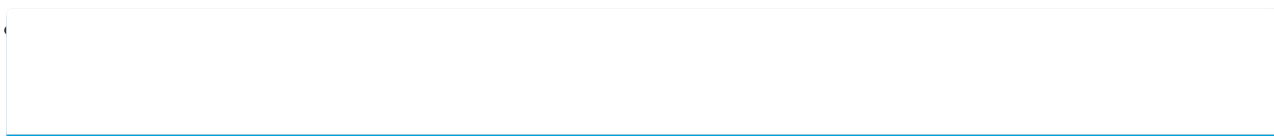
Installation Of Outdoor Unit - Toshiba RAS-10SKVP-ND Installation Manual

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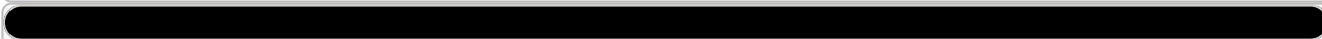
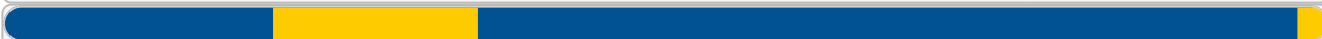




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5 INSTALLATION OF OUTDOOR UNIT

Installation Location

- A place which provides enough space around the outdoor unit as shown in the diagram.
- A place which can bear the weight of the outdoor unit and does not allow an increase in noise level and vibration.
- A place where the operation noise and discharged air do not disturb neighbors.
- A place which is not exposed to a strong wind.
- A place free of combustibles.
- A place which provides enough space around the outdoor unit as shown in the diagram.
- A place which can bear the weight of the outdoor unit and does not allow an increase in noise level and vibration.
- A place where the operation noise and discharged air do not disturb neighbors.
- A place which is not exposed to a strong wind.
- A place free of combustibles.
- There is no need to add refrigerant as long as the length of the connection piping is 15 m or less.
- You will need to add 20 g of refrigerant per meter of added connection piping for installations requiring connection piping to be between 16 m to 25 m.
- An allowable height level is up to 10 m.
- There is no need to add refrigerant as long as the length of the connection piping is 15 m or less.

5 INSTALLATION OF OUTDOOR UNIT

Installation Location

• A place which provides enough space around the outdoor unit as shown in the diagram.

• A place which can bear the weight of the outdoor unit and does not allow an increase in noise level and vibration.

• A place where the operation noise and discharged air do not disturb neighbors.

• A place which is not exposed to a strong wind.

• A place free of combustibles.

• There is no need to add refrigerant as long as the length of the connection piping is 15 m or less.

• You will need to add 20 g of refrigerant per meter of added connection piping for installations requiring connection piping to be between 16 m to 25 m.

• An allowable height level is up to 10 m.

• There is no need to add refrigerant as long as the length of the connection piping is 15 m or less.

- A place where the drain water does not cause any problems.

Precautions for Adding Refrigerant

- Use a scale having at least 10 g per index line precision when adding the refrigerant. Do not use a bathroom scale or similar instrument.

• Use liquid refrigerant when refilling the refrigerant. Since the refrigerant is in liquid form, it can fill quickly. Therefore, perform the filling operation carefully and insert the refrigerant gradually.

5 INSTALLATION OF OUTDOOR UNIT

CAUTION Installation Location

1. • A place which provides enough space around the outdoor unit as shown in the diagram.
• A place which can bear the weight of the outdoor unit and does not allow an increase in noise level.

2. • A place where the operation noise and discharged air do not disturb neighbors.
• A place which is not exposed to a strong wind.
• A place free of combustible gases.

3. • A place which does not block a passageway.
• When the outdoor unit is to be installed in an elevated position, be sure to secure its feet.

4. • This air conditioner accepts a connection piping length from 2 m to 25 m.
• There is no need to add refrigerant as long as the length of the connection piping is 15 m or less.

Installation in the following places may result in trouble. Do not install the unit in such places.

- A place full of machine oil.
- A saline-place such as the coast.
- A place full of sulfide gas.
- A place where high-frequency waves are likely to be generated, such as from audio equipment, welders, and medical equipment.

Precautions for Adding Refrigerant

Use a scale having at least 10 g per index line precision when adding the refrigerant. Do not use a bathroom scale or similar instrument.

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1. Proceed with water-proofing by installing the water-proof rubber caps

CAUTION

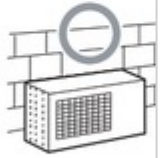
1. Install the outdoor unit in a location where there are no obstructions near its air intake or air outlet.

2. When the outdoor unit is installed in a place that is always exposed to strong winds like on the building, secure the normal fan operation using a duct or a wind shield.

3. Especially in windy areas, install the unit to prevent the admission of wind.

4. Installation in the following places may result in trouble. Do not install the unit in such places.

- A place full of machine oil.
- A saline place such as the coast.
- A place full of sulfide gas.
- A place where high-frequency waves are likely to be generated, such as from audio equipment, welders, and medical equipment.



2 elongated holes on the base plate of the outdoor unit.

[How to install the water-proof rubber caps]

- 1) Place four fingers into the caps, and insert the caps into the water drain holes by pushing them into place from the underside of the base plate.
- 2) Press down on the outer circumferences of the caps to ensure that they have been inserted properly, if their outer circumferences do not wedge against something.)

2. Install the drain nipple (inside diameter), and drain off the water. (For the position where the drain nipple diagram of the indoor and outdoor units.)

• Check that the outdoor unit is horizontal, and route the drain hose at a downward slope from the indoor unit to the hose.

EN and a commercial garden hose during the installation.

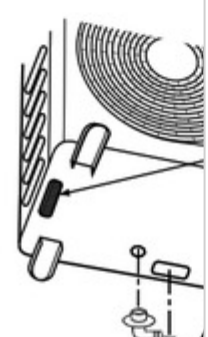
h is installed, refer to the installation steps below to drain off the water.

h in the Base plate Do not use ordinary garden hose, which can flatten and prevent drainage.

Draining the water

- Holes are provided on the base plate of the outdoor unit to ensure that the drain water produced during the heating operations is drained off efficiently. If a centralized drain is required when installing the unit on a balcony or wall, follow the steps below to drain off the water.

1. Proceed with water-proofing by installing the water-proof rubber caps ⑤ in the 2 elongated holes on the base plate of the outdoor unit.
[How to install the water-proof rubber caps]
- 1) Place four fingers into each cap, and insert the caps into the water drain holes by pushing them into place from the underside of the base plate.
- 2) Press down on the outer circumferences of the caps to ensure that they



Strong
wind
i Water-proof rubber
caps (supplied with the
outdoor unit)
Base plate
h Drain nipple
h Drain nipple
Commercially available
drain hose

5 INSTALLATION OF OUTDOOR UNIT

Installation Location

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[RAS-2M18U2AVG-E Installation Of Outdoor Unit](#)

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[MCY-MHP0305HT-C Optional P.c. Board Of Outdoor Unit Installation](#)

Toshiba MCY-MHP0305HT-C

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