## TOSHIBA

To installation

## Second remote controller

Model: HWS-AMS11E

## Accessory Parts

| No. | Part Name | Quantity |
| :---: | :--- | :---: |
| 1 | Remote controller | 1 |
| 2 | Screws - M4 x 20 |  |
| 3 | Wood screws | 2 |
| 4 | Installation manual | 2 |

\. CAUTION
For the details, refer to the installation manual of hydro unit.

## Installation <br> Requirements

## Installation place

Install the remote controller 1 to 1.5 m above floor level(average room temperature area)
Do not install the remote controller in a place exposed to direct sunlight or outside air (such as near a window or other openings).

- Do not install the remote controller in a place with poor ventilation.
- Do not install the remote controller in a freezing or refrigerated area - the remote controller is not water or splash-proof.
- Install the remote controller in a vertical position.


## Installation dimension

Be sure to follow the installation dimension as shown in the figure when you install the remote controller on the wall.


## Wiring

- Use 0.5 to $2 \mathrm{~mm}^{2}$ wire
- Do not use a closed end wire joint

Connection diagram

| Connection diagram |
| :--- |
| Terminal <br> Beock |
| Remote controller wiring <br> (locally procured) |
| (TB07) for |
| remote |

- The remote controller wire should not be bundled with other wires (mains, etc.), or installed with other wires in the same conduit, as malfunction may result.
- Install the remote controller away from sources of electrical interference and electromagnetic fields.
If electrical interference is unavoidable, countermeasures such as appropriate filtering should be employed.

1. To remove the remote controller's lower case (rear case), insert the tip of a slotted screwdriver or other prong into the two openings at the bottom of the remote controller

Remote controller (Rear)
2. Fix the rear case with wood screws ( 2 pcs.). Do not over tighten them, as it may damage the rear case.

Wood screws


Wiring slot

3. Connect the wires from the hydro unit to the remote controller terminal block. (Refer to "Wiring".)
Connect the wires of the remote controller following the terminal numbering convention of the indoor uni to prevent miswiring. (Do not apply AC 230 V mains voltage to the remote controller as it will be damaged).

## Cautions for use

This second remote controller can switch between room temperature control and water temperature control

| Room temperature control | Water temperature control |
| :---: | :---: |
| Turn on the DIP switch 2 of remote controller | Turn off the DIP switch 2 of remote controller |
| Change the setting of FC 40 on hydro unit. $F C 40=1$ | Change the setting of FC 40 on hydro unit. $\mathrm{FC} 40=0$ |

Refer to the installation manual of hydro unit for setting change of FC.

- This second remote controller does not have schedule timer function.
Schedule timer function must be operated with header remote controller.
- The room temperature setting on second remote controller is only intended as an approximate guide.
The temperature setting may slightly differ from the actual room temperature depending on the installation condition. The difference between the temperatures can be correct with FC02 and 03 on the remote controller.
Refer to the installation manual of hydro unit for setting change of FC.

