

Time setting and block out time setting

Current time setting

This product contains a built-in clock IC and the time is set at the time of production –depending on the time between production and start up, the clock may require resetting (Refer to figure 13)

As part of the water heating cycle the system references the time on the controller. The system operates at its optimal design if the clock is set before starting to use the product, however if the clock is not set the unit will still operate. The current time can be set in the Clock Setting Mode as described below.

*Note

There is no need to adjust the time setting for the daylight saving period. Even if the installation is conducted during the daylight saving period, setting the clock to the ordinary time (not daylight saving time) is preferable.

1. Switching to Clock Setting Mode

Press the “Enter” key in the Clock Display Mode to switch to the Clock Setting Mode. Time Display starts flashing once the mode is switched.

2. Setting the Clock

The time setting can be adjusted by pressing “Up” and “Down” keys. Fast forward and rewind are available by pressing and holding down a key.

3. Confirming Time Setting

After the clock is adjusted to the current time, press the Enter key to confirm the setting. The time display stops flashing and comes on once the setting is finished.

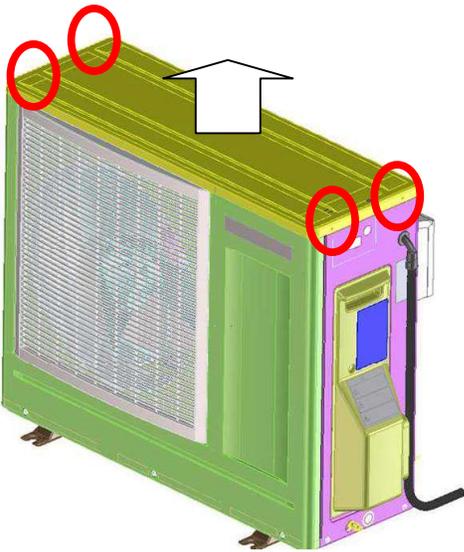
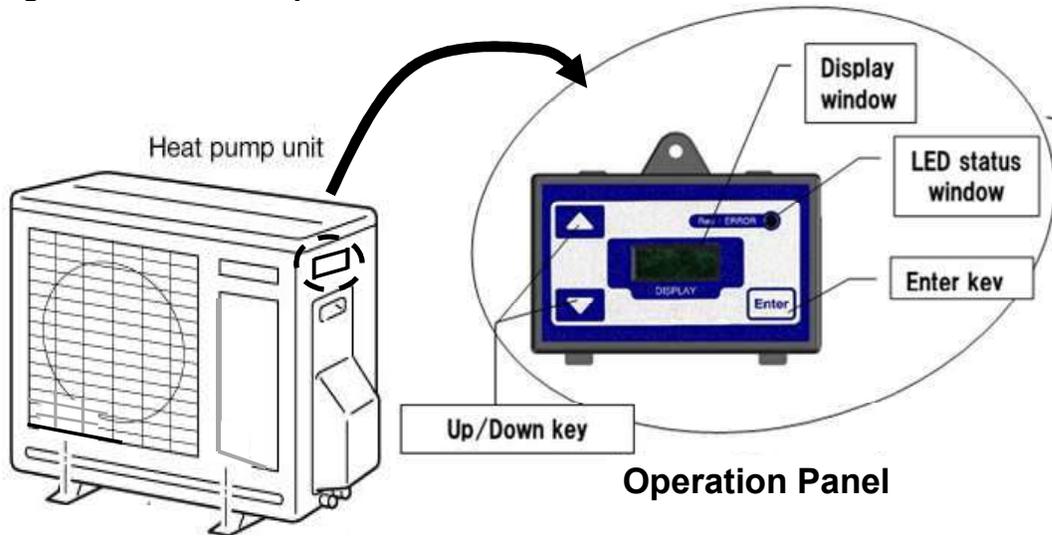
*Caution

The display automatically goes back to the Clock Display Mode when no panel operation is performed for more than 60 seconds in the Clock Setting Mode. If this occurs, changes made will not be reflected to the setting. If the clock setting is rewound to a time that is earlier than the time when a heating cycle is triggered, the system will start the heating cycle.

*Note

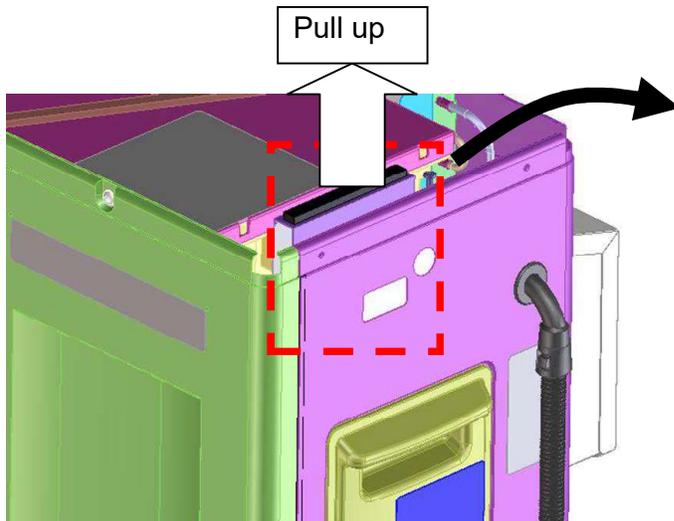
When no panel operation is performed for more than 60 seconds the display is switched to the Display Sleep Mode and turns off. Display Sleep Mode is cancelled when Up, Down or Enter key is pressed.

Figure 12 How to operate the controller



How to remove the operation panel

1. Remove Top Panel (6 screws)
2. Pull up Operation Panel



Maintenance Mode

Maintenance mode is a function to check the heat pump unit status and to check and perform other settings. It should generally be assumed that the owner does not operate this function. The following modes can be found in the maintenance mode.

Heat setting mode

Set the heating mode

Outlet water temperature setting mode

Set the Outlet hot water temperature 55°C~80°C(5°Cstep)

Block out time setting mode

Set the block out time

Interval setting mode

Set the interval heating cycle

Error history display mode

Check the history of any errors that may have occurred.

Parameter display mode

Check the values measured by the thermistor.

How to switch to Maintenance Mode

Press and hold down Up and Down keys together in the clock display mode to go to the maintenance mode. After the mode is switched, press the Enter key to select a mode from the six modes described above. To finish the maintenance mode, press and hold down the Enter key, or leave for more than 60 seconds with no panel operation.

Figure 13 Maintenance mode diagram

