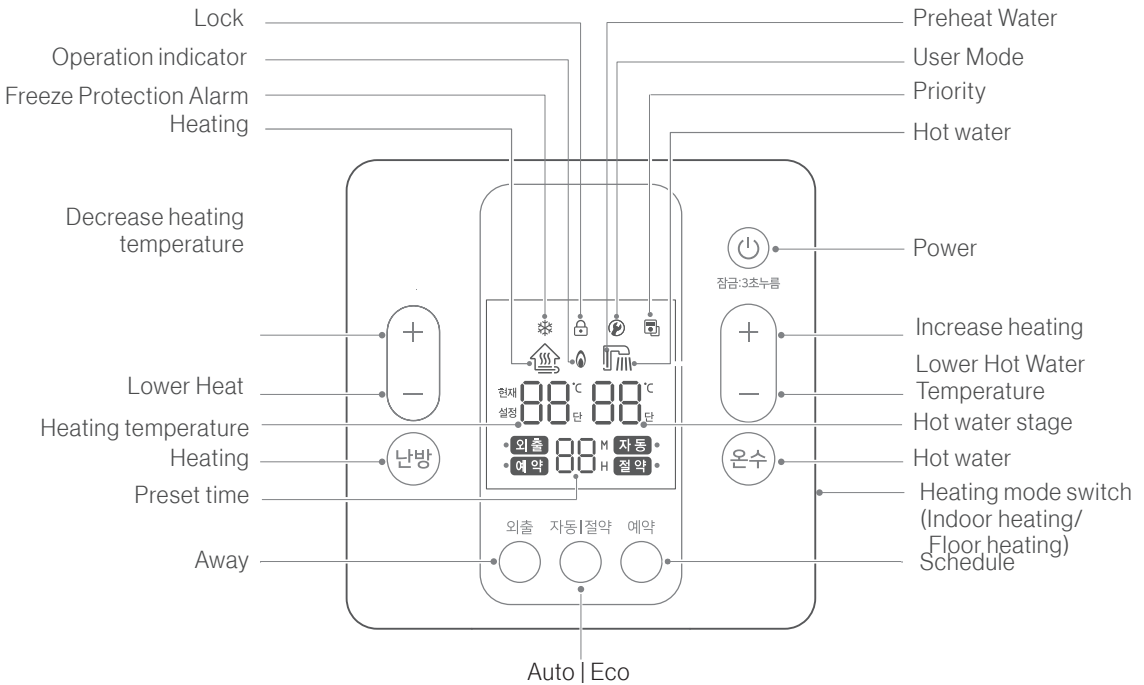



# How to use the gas boiler

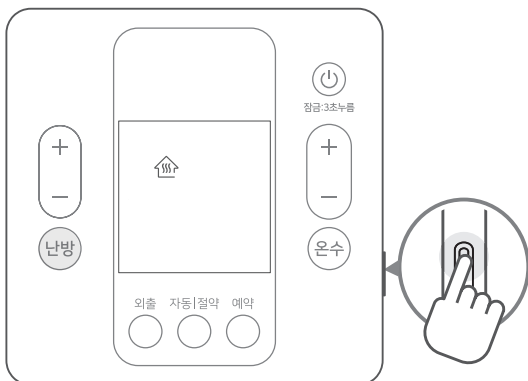
## Indoor Thermostat





### • Heating Mode

[Indoor heating mode] or [floor heating mode] can be selected regarding the environment. Upon purchase, the default is the indoor heating mode (  ).

	<p><b>Indoor heating mode</b> Indoor temperature sensor detects room temperature and controls the temperature.</p>		<p><b>Floor heating mode</b> Floor temperature sensor detects water temperature from a boiler and controls the floor temperature.</p>
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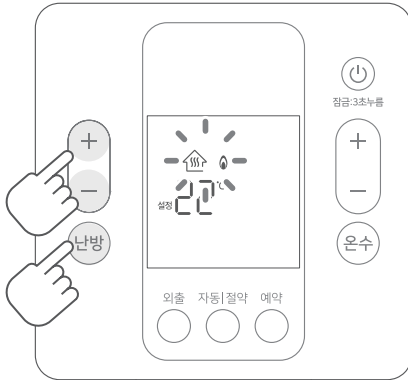
### 1. When power is on, press the [heating mode switch] button.

- (  ) Indoor heating mode ↔ (  )  
Floor heating mode can be switched.

# Heating / Quick Heat

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## Heating



### 1. When power is on, press the [heating] button to turn on the heating system.

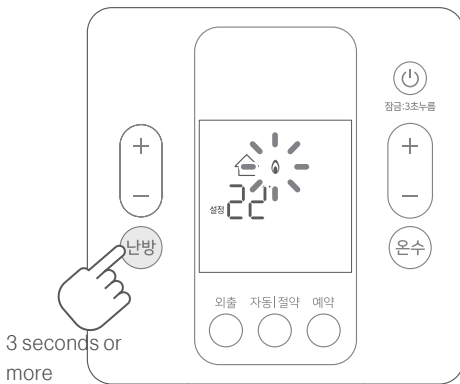
- When the boiler is working, the combustion indicator (🔥) is on and the heating indicator (☀️) blinks.
- If the heating button is pressed when the system is on, it will be turned off.

### 2. Set the desired temperature with the [up] and [down] buttons.

- If the current temperature is higher than the target temperature, the heating system will not be turned on.

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## Quick Heat



3 seconds or more

### 1. When power is on, press the [heating] button to turn on the heating system.

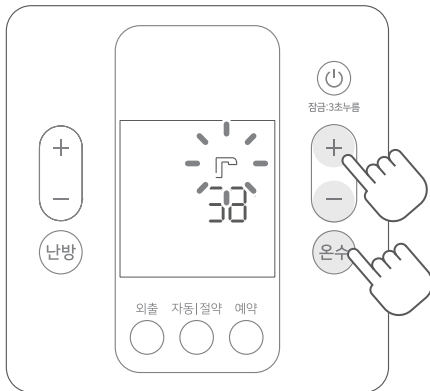
### 2. Press and hold the [Heat] button for at least 3 seconds.

- Heating is set to the highest temperature, and Start (🔥) flashes on the indoor temperature control LCD display.
- If the set temperature changes during heating or you press and hold the [Heat] button for at least 3 seconds, Quick Heat is turned off.

# Hot water, Preheat Water

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## hot water



**1. When power is on, press the [hot water] button to turn on the hot water system.**

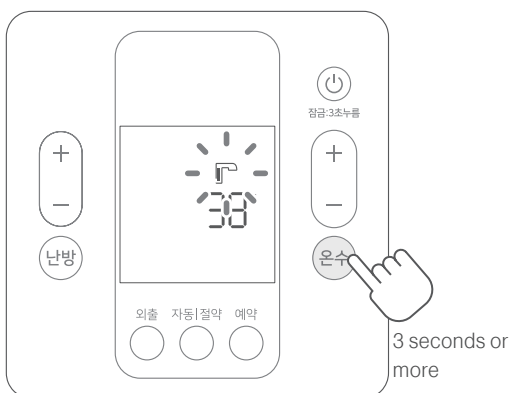
- On the LCD, the heating indicator (☀) is on.
- Press the [Hot Water] button while in operation to stop heating.

**2. Use the [Higher] or [Lower] button to set your desired temperature.**

- You can only change from between 30°C to 55°C while hot water is in use. To change to 60°C, press the Higher button while the hot water tap is off.

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## Preheat Water



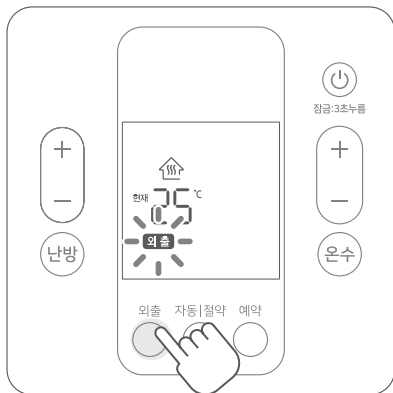
**1. When power is on, press the [hot water] button to turn on the hot water system.**

**2. Press and hold the [Hot Water] button for at least 3 seconds.**

- On the LCD, the heating indicator (☀) is on.
- Turn on the hot water tap while operating or press and hold the [Hot Water] button for at least 3 seconds to turn off hot water preheating.

# Auto | Eco Mode

## Away mode



### 1. When power is on, press the [away] button to turn on the away mode.

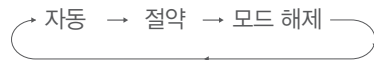
- ( **외출** ) will be displayed.
- The minimum temperature heating system will be turned on every 4 hours to keep the pleasant room temperature.
- If the away or heating button is pressed when the mode is on, the away mode will be turned off. )

## Auto | Eco Mode



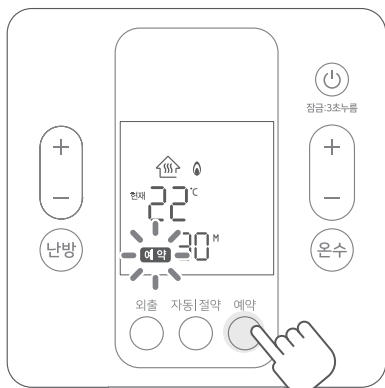
### 1. Press the [Auto | Eco] button while the power is on to select a mode.

- ( **자동** ) will be displayed.
- Each time the [Auto | Eco] button is pressed, the mode changes.



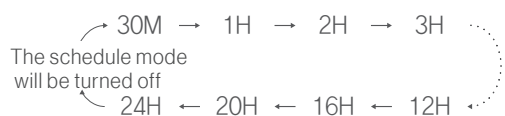
- You cannot set the heating temperature or hot water temperature in auto mode.
- Press the [Auto | Eco] or [Heating and Hot Water] button while operating to turn off auto mode.

## Schedule mode



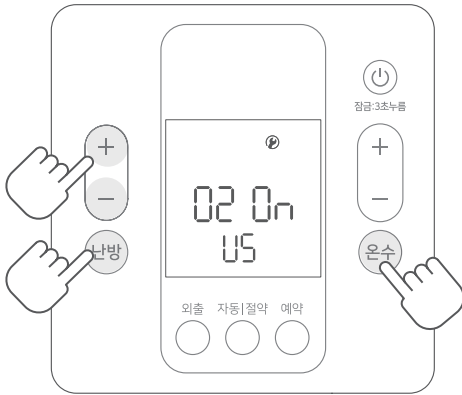
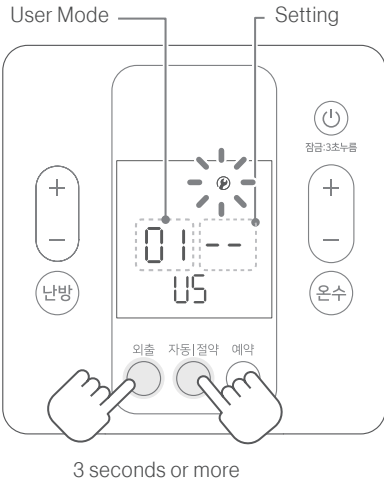
### 1. When power is on, press the [schedule] button to preset time.

- ( **예약** ) will be displayed.
- Each time the ( **예약** ) button is pressed, reservation time changes at 1-hour or 4-hour intervals.



- Press the [Reservation] button while operating to disable reservation mode.

# Turn button and notification sounds on or off



**1. Press and hold the [Auto | Eco] and [Out] buttons for at least 3 seconds while power is off.**

- The service mode indicator (🔒) blinks on the LCD.

**2. Press the heating temperature [Up] or [Down] buttons to select the button for the desired feature.**

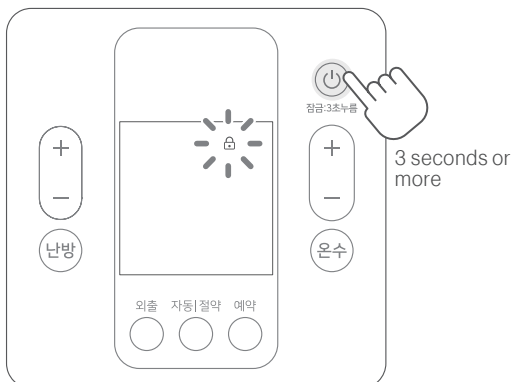
- 01: No feature
- 02: Button sound control
- 03: Notification sound control (including errors and freeze warnings)
- 04: No feature

**3. After selecting a feature (02 or 03), press the [Hot Water] button to enter your desired settings.**

- 0n: On
- 0F: Off

**4. After setup, press the [Heat] button to stop user mode.**

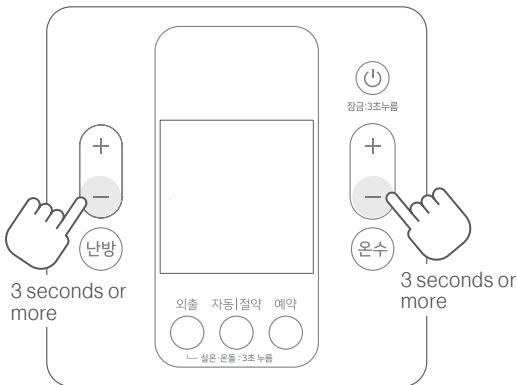
# Lock Function



**1. When power is on, press and hold the [power] button for more than 3 seconds to lock.**

- The icon (🔒) will be displayed.
- When the power or heating button is pressed for more than 3 seconds, the lock will be unlocked.

## Mute button sounds



### 1. Press and hold the [Lower Heat] and [Lower Hot Water Temperature] buttons for at least 3 seconds while power is off.

- A buzzer will sound and mute will be set.
- Press and hold the [Lower Heat] and [Lower Hot Water Temperature] buttons for at least 3 seconds simultaneously again. A buzzer will sound and mute will be disabled.

## • Control Display



### Freeze Protection Alarm

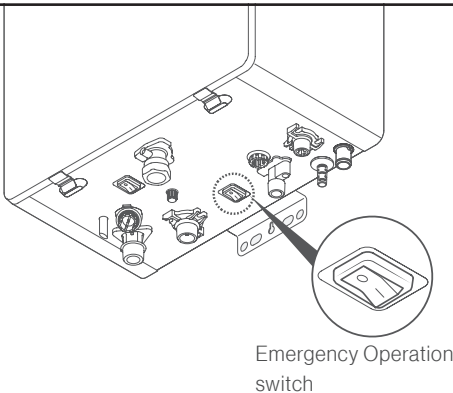
It will be displayed when a heating pump is turned on for freeze protection.



### Priority Display

If two indoor temperature controllers are connected, the most recently set up controller will be displayed on the display

## Emergency Operation



Emergency Operation switch

### 1. Press the [Emergency Operation] switch on the bottom of the boiler.

- Emergency operation of the boiler is possible if the indoor temperature controller is malfunctioning or not connected.

