How to use the gas boiler

Indoor Thermostat

Operation indicator

Indoor thermostat
Heating

Floor heating
Hot water

Freeze protection alarm
Schedule
Away

Lock
Priority
Save mode

Heating temperature
Increase heating/
hot water temperature

Hot water stage
Preset time

Schedule — 예약

올림

전원 — Power

Heating — 난방

온수 — Hot water

Away — 외출

절약 — Save

내림

Decrease heating/
hot water temperature

Heating mode switch
(Indoor heating/
Floor heating)

• Heating Mode

[Indoor heating mode] or [floor heating mode] can be selected regarding the environment.

Upon purchase, the default is the indoor heating mode (⌂).

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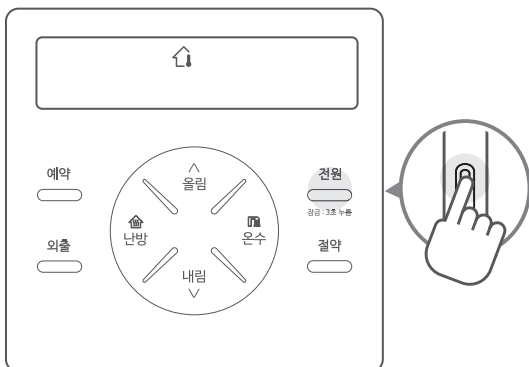
1. When power is on, press the [heating mode switch] button.

• (⌂)Indoor heating mode ← → (▥)
Floor heating mode can be switched.

Heating/Hot Water Function
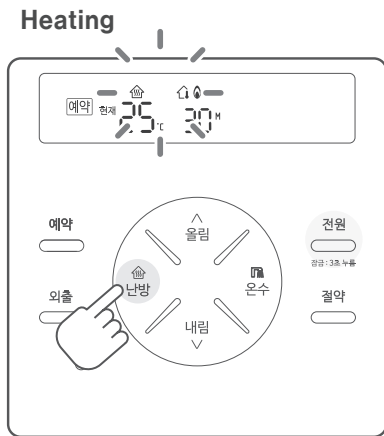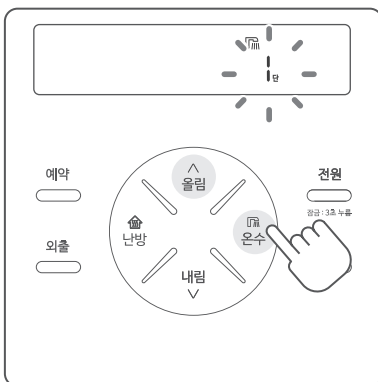
Heating

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.

Hot water

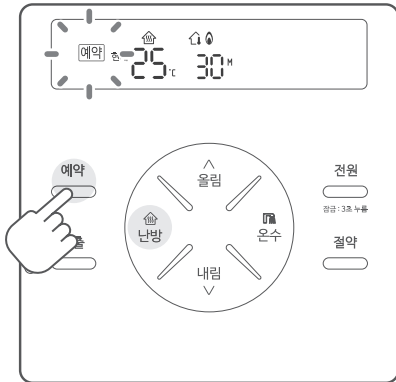1. **When power is on, press the [hot water] button to turn on the hot water system.**

   - When both of the heating and hot water systems are on, press the hot water button two times to turn off the hot water system.

2. **Set the desired hot water stage with the [up] and [down] buttons.**
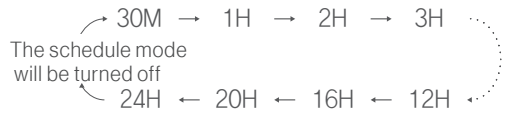
   - There are three stages from 1 to 3.

Schedule/Away/Save Mode

Schedule mode

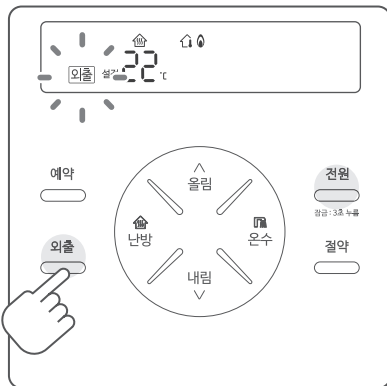## 1.When power is on, press the [schedule] button to preset time.

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

```
         ┌→ 30M  →   1H   →   2H   →   3H  ·.
The schedule mode                                  :
 will be turned off                                :
         └   24H  ←  20H  ←  16H  ←  12H  ·´
```

- Press the [Reservation] button while operating to disable reservation 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.
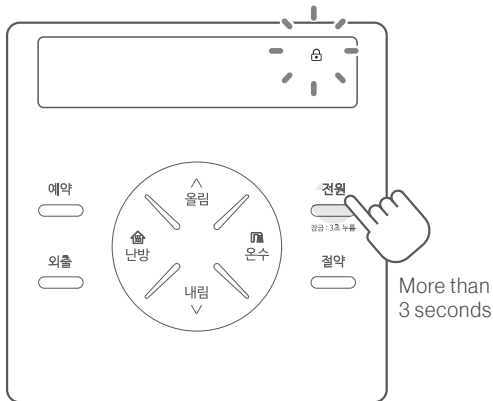- If the away or heating button is pressed when the mode is on, the away mode will be turned off.

Save mode
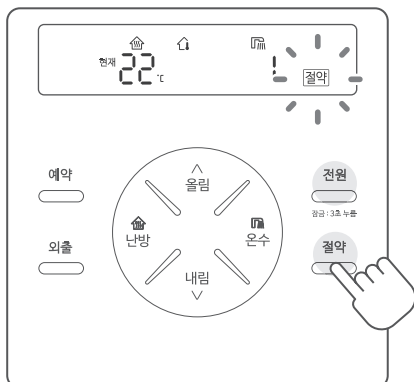
1. When power is on, press the [save] button to turn on the save mode.

- (절약) will be displayed.
- When the away button is pressed during the save mode, the save mode turns into the away mode.
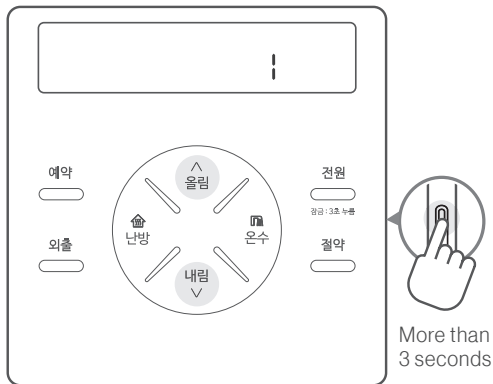- When the save button is pressed during the mode, the save mode will be turned off.

Lock Function

More than
3 seconds

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.
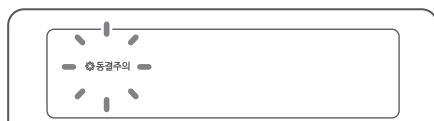
Display Brightness Adjustment

More than
3 seconds

1. **When power is off, press and hold the [heating mode switch] button for more than 3 seconds.**

2. **When a number is displayed, press the [heating mode switch] repeatedly or press the [up] or [down] button to adjust brightness.**

   • The default is stage one and there are three stages from 1 to 3.

• **Freeze Protection Alarm**

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