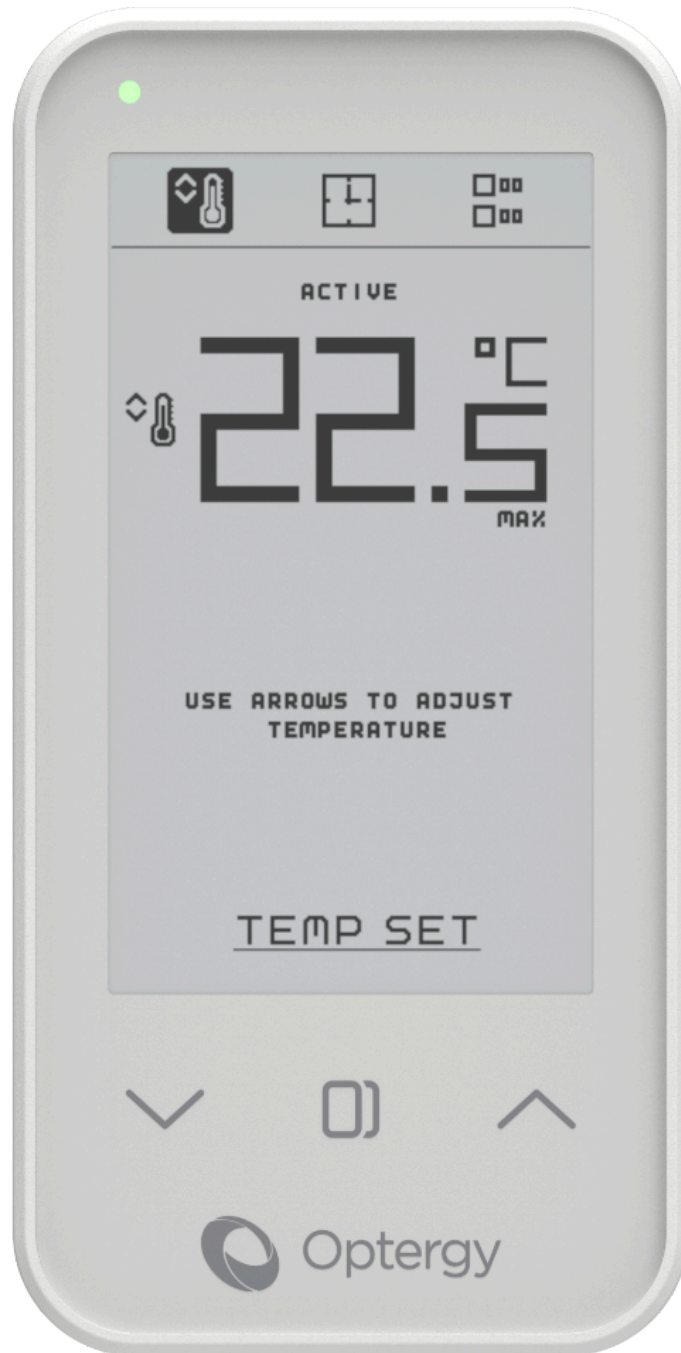


**Wireless Temperature, Humidity and E-Paper Controller (BW-THEC-M)**

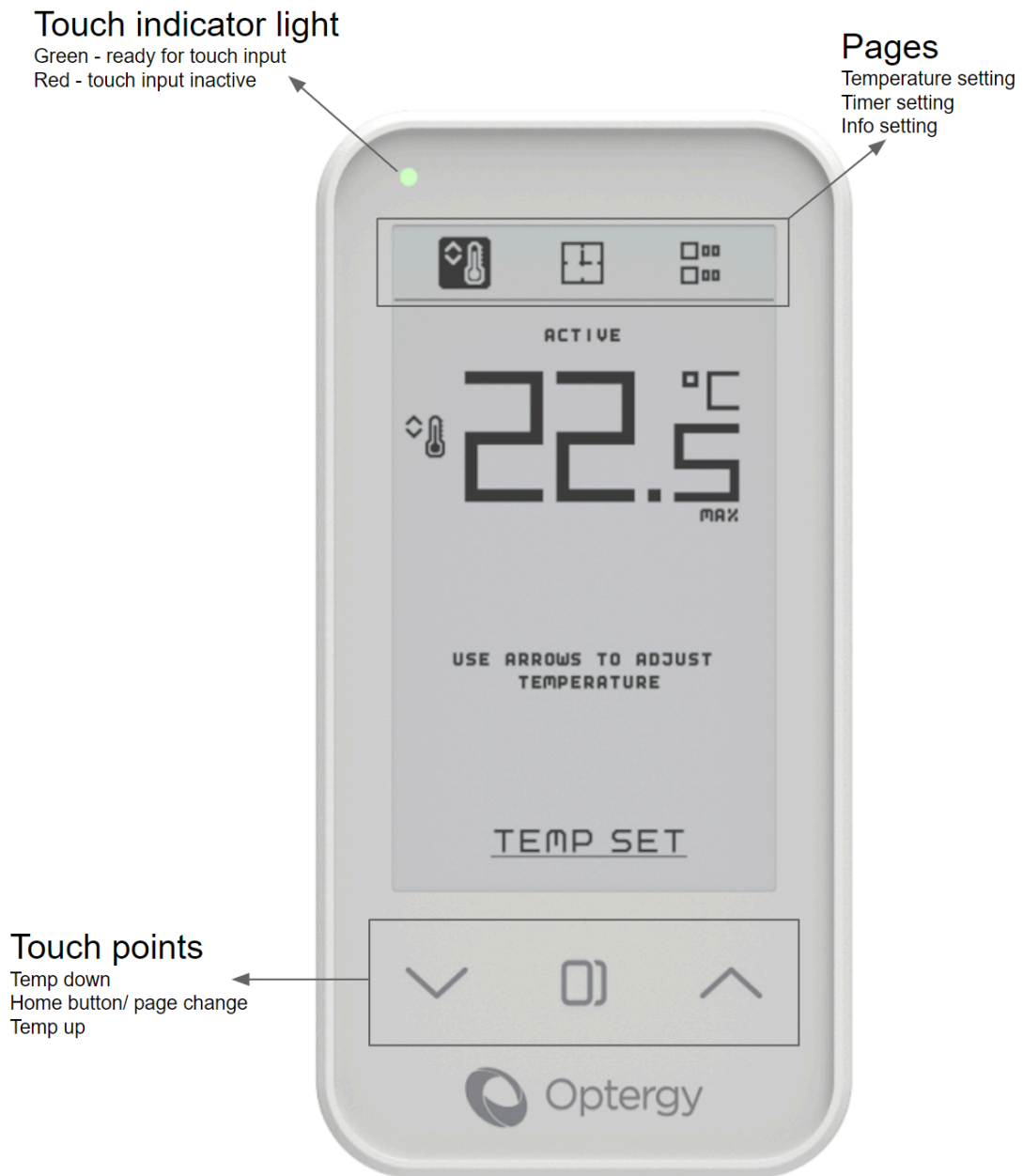
July 2024



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# About your new thermostat

## Operational overview



The Wireless thermal stat operates in one of 2 modes: **Autonomous** and **Active**.

### Autonomous mode:

In this mode, WTS is put in ultra low power configuration, wakes up after a specific of time to update the Standby page. Depends on user setting, Wireless thermal stat displays data and features according to that configuration.



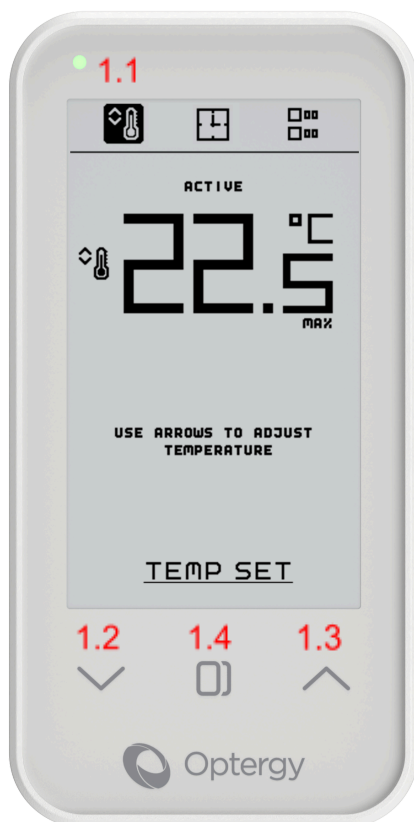
Office hours / AH is not active



AH is active

## Active mode:

In this mode, WTS allows the user to interact with the config pages via the touch buttons. When the built-in proximity sensor detects the presence of a user, the WTS wakes from standby, and allows the user to access the config pages.



### **Temperature Set page:**

After waking the device you open the Temperature Set page(1.1). Use the "Up"(1.2) "Down"(1.3) arrow buttons to adjust the set point for Temperature Control.

### **Page switching:**

Use the Page Switch (middle) button (1.4) to navigate between pages.



**Timer Set page:**

Navigating to the after hours Timer Set Page (2.1). Users have the ability to adjust the after hours timer using the “Up”(1.2) “Down”(1.3) arrow buttons.



**Readings page:**

Navigating to the Readings Page (3.1), users can view a range of sensor readings.

# Installing your thermostat and pairing

You might need the following tools to install this thermostat:

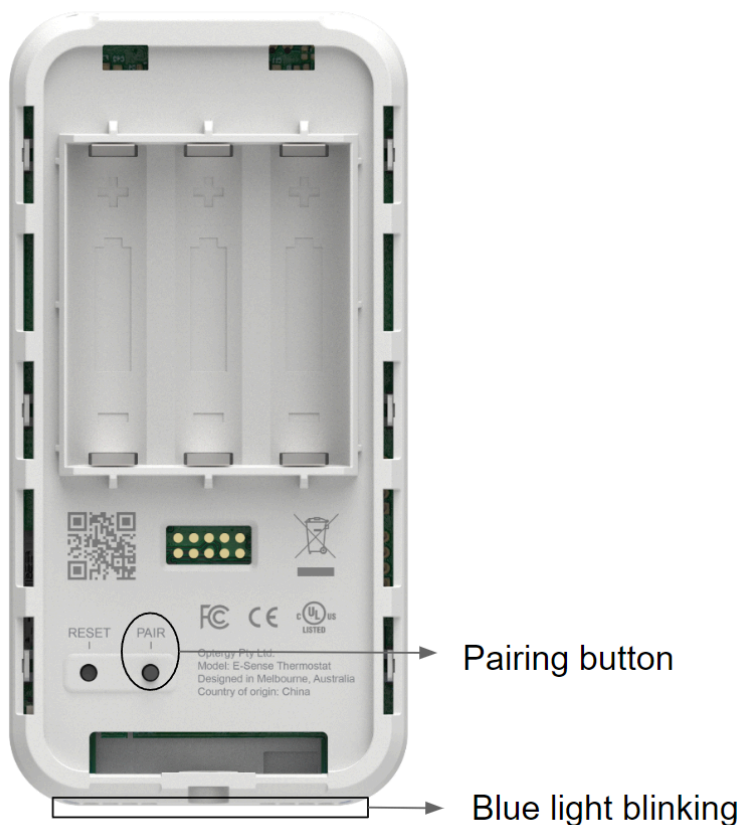
- No.2 Phillips screwdriver
- Small pocket screwdriver
- Pencil
- Level (optional)
- Drill and bits (3/16" for drywall, 7/32" for plaster) (optional)
- Hammer (optional)
- Batteries 3X 3.6V

Step 1: Unscrew the backplate screw and open the backplate

Step 2: Place the 3x 3.6V batteries checking the polarity directions on the backside

Step 3: Use the backplate to drill and screw it into the wall

Step 4: Press and hold the pair button on the backside and check for blue blinking leds



Step 5: Press and hold the pairing button on the gateway at the same time as the thermostat, check out for green leds which would mean paired

Step 6: Place back the thermostat on the backplate and check out for a click sound to ensure the device is correctly locked in

Step 7: Screw and lock it

## Unpairing your thermostat

Step 1 - Press and hold the pairing button on the thermostat and check out for blue lights blinking.

The thermostat has been successfully unpaired from the gateway

## Features of your thermostat

With your new thermostat, you can:

- Connect to the gateway to monitor and control your heating/cooling system
- View and change your heating/cooling system settings
- View and set temperature schedules

Your new thermostat provides:

- Smart Response Technology
- Monitor your temperature through the onboard e-paper screen
- Adjust time settings for active and inactive hours



## FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.