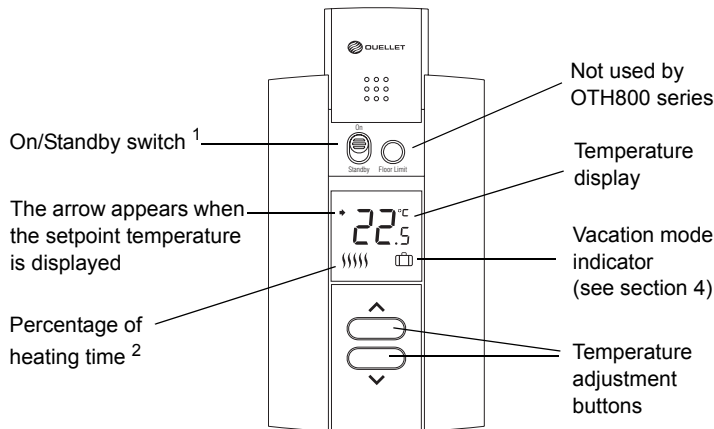



## 1 Description






The OTH800 Series thermostats have been designed to control the ambient temperature and are available in the following models:

- OTH800D** ▶ For 240 V applications such as electric baseboards, convectors or fan-forced convectors
- OTH824** ▶ For low-voltage applications (24 V) such as a hot-water valve
- ▶ For electric baseboards, convectors or fan-forced convectors via a 24-V relay



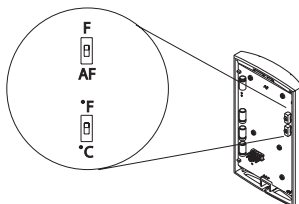
<sup>1</sup> Place the thermostat in Standby when it is not in use (e.g., during summer).

<sup>2</sup> The thermostat displays the percentage of heating time required to maintain the desired temperature. For example,  is displayed when heating is activated 40 percent of the time.

Display					
% of heating time	1 to 24%	25 to 49%	50 to 74%	75 to 99%	100%

## 2 Configuration

The configuration switches are located on the back of the faceplate.



### 2.1 Temperature Display (S1)

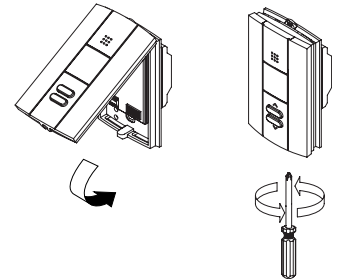
Select between °C and °F.

### 2.2 Application Mode Selection (S2)

This switch must be left in the AF position.

## 3 Installation


- 1 Refer to the installation instructions of the power base
- 2 Insert the tabs at the top of the faceplate in the slots at the top of the power base.
- 3 Secure the control module using the captive screw underneath the base.



**NOTE:** Keep the thermostat's vents clean and unobstructed at all times.

## 4 Vacation Mode

The Vacation mode can be activated using a remote control device equipped with a normally-open (NO) dry contact such as Aube's telephone controller (CT240/CT241).

In the Vacation mode, the temperature is reduced by 3.5°C (7°F) and the thermostat buttons are locked to prevent any temperature adjustment. The mode is indicated by the suitcase icon  on the screen. When the contact opens, the thermostat returns to normal mode and to the initial temperature setpoint.

## 5 Power-up

When the thermostat is powered, it first undergoes a series of tests before displaying the actual temperature.



## 6 Error Messages



The measured temperature is below the thermostat's display range. Heating is activated.







The measured temperature is above the thermostat's display range. Heating is deactivated.





Verify the thermostat connections.

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## Temperature Setting

The thermostat normally displays the actual temperature. To view the setpoint temperature, press one of the   buttons once. The setpoint will be displayed for 5 seconds. To change the setpoint, press and release one of the   buttons until the desired temperature is displayed. To scroll the setpoint faster, press and hold the button.

### Backlight

When you press on either of the   buttons, the display is lit for 10 seconds. The setpoint appears for 5 seconds, then the actual temperature is displayed.

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## Technical Specifications

**Power supply:** Refer to the power base installation instructions.

**Setpoint range:** 40 °F to 86 °F (5 °C to 30 °C)

**Display range:** 32 °F to 122 °F (0 °C to 50 °C)

**Resolution:** ± 1.0 °F (0.5 °C)

**Heating duty cycle:** Refer to the power base installation instructions.

**Storage:** -4 °F to 120 °F (-20 °C to 50 °C)

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## Warranty

### ONE (1) YEAR LIMITED WARRANTY

Ouellet Canada Inc. warrants the component parts of the OTH800 Series against defects in material and workmanship for a one (1) year period from the date of purchase, under normal use and service, when proof of purchase of such is provided to the manufacturer.

The obligation of Ouellet Canada Inc., under the terms of this warranty, will be to supply a new unit and this releases the manufacturer from paying the installation costs or other secondary charges linked to replacing the unit or the component part(s).

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## Customer Service

If you have any questions on the product, call our technical support team at:

Ouellet Canada Inc.  
180, 3rd Avenue  
L'ISLET, Quebec, Canada G0R 2C0

Quebec area: (418) 247-3947  
Canada / U.S.: 1-800-463-7043  
Fax: (418) 247-7801  
Sales: [info@ouellet.com](mailto:info@ouellet.com)  
Web: [www.ouellet.com](http://www.ouellet.com)