

Hilo smart thermostat for electric radiant floor

Hilo
by Hydro-Québec

Manage your indoor heating wherever you are, whenever you want

To reduce your energy consumption, smart thermostats are a great help. With the Hilo app, you can adjust the temperature no matter where you are. That means you're only using the energy you really need, and no more.

Only compatible with electric radiant floor system with functioning loose cable or cabled mats and a line voltage wall thermostat.



Adjust the temperature, even remotely, by pairing the thermostat with the Hilo hub



Incomparable precision for greater comfort with no temperature variation, irrespective of weather conditions



Displays your home's consumption by the hour, day and week in the Hilo app so you can easily manage and optimize your energy use



Compatible with the voice assistant from Amazon (Alexa) and Google Assistant

Colour

- White

Finish

- Moulded plastic

Power and voltage

- Supply voltage: 120/208/240 VCA, 50/60 Hz
- Charge type: resistive
- Maximum load:
 - 1,800 W at 120 VAC, 60 Hz
 - 3,120 W at 208 VAC, 60 Hz
 - 3,600 W at 240 VAC, 60 Hz
- Auxiliary output: 24 VAC/VCC / 0.1 A
- Compatibility: sensors 10 k Ω and 12 k Ω at 25°C
- TB713-C Base: Conforms to ANSI/UL 943 standards; certified under CAN/CSA Std. C22.2 No. 144.1

Precision

- Precisely controls set temperature within $\pm 0.5^{\circ}\text{C}$

Temperature display

- Actual measured temperature: 0 to 50°C (32 to 122°F); increments: 0.5°C (1°F)
- Set temperature: 5 to 36°C (41 to 97°F); increments: 0.5°C (1°F)

Conditions for storage and use

- Storage temperature: -20°C to 50°C (-4°F to 122°F)

Guarantee

- 3 years

Hilo smart thermostat

- Product code: EQ000040
- 3,600 W

System

The smart thermostat for electric floor heating lets you control electric floor heating systems composed of:

- loose cable
- mats with pre-positioned cable

Features

- Lets you control the ambient temperature and the temperature of the floor
- Equipped with outlet for floor sensor
- Equipped with a second outlet to facilitate control of an auxiliary heating system
- Equipped with current leakage protection — ground fault circuit interrupter (GFCI) Class A
- Equipped with protection for engineered wood flooring
- Displays temperature in Celsius or Fahrenheit
- Backlit screen

Dimensions

- Width: 72 mm (2.88 in.)
- Height: 122 mm (4.88 in.)
- Depth: 50 mm, as 26 mm + 24 mm (1.96 in., as 1.02 in. + 0.94 in.)

Compatibility

- Hilo hub required
- Visit hiloenergie.com to see other compatible devices

Connectivity

- Zigbee 3.0
- Frequency: 2.4 GHz
- Transmission strength: +20 dBm
- Receiver sensitivity: -108 dBm
- Encryption key: AES-128

hiloenergie.com

For more information on the energy savings and potential rewards for participating in Hilo challenges, or to receive the most up-to-date information on our products and services, please visit hiloenergie.com. Hilo reserves the right to change the descriptions, manufacturers or prices of its devices at any time.

