

# SENZ-WIFI Digital Timer Thermostat



nVent RAYCHEM SENZ-WIFI is a modern design thermostat that provides high comfort and low energy costs for electrical floor heating. Suitable for new build or renovation projects, it can be used with all floor heating cables and heating mats. Available as standard in unique black design or with a white front plate. Other front plate options are also available. The thermostat can operate as a standard WIFI thermostat or be integrated in a group of thermostats and fully controlled by the SENZ WIFI app. The thermostat can be controlled by voice command through Google Assistant and Amazon Alexa compatible smartspeakers. Eco Design compliant thanks to the following functions: Room temperature control, with open window detection, Distance control option, Adaptive start control, Working time limitation. For more details, please consult the Commissioning sheet (INST324 or EU2550).

## FEATURES

Easy to use and flexible

Swipe and touch screen: big icons in the central menu, dual navigation swipe and tap, scrolls for list selection, wheels for temperature selection, compatible with most switch gear frames

Fully controllable from anywhere in the world with the SENZ-WIFI app

Voice controllable through Amazon Alexa compatible smartspeakers

Voice controllable through Google Assistant compatible smartspeakers

7 operating modes, 3 economic programs, 1 constant mode, 1 flexible boost, 1 holiday mode, 1 'off' mode

Energy efficient, adaptive, window open function, energy consumption overview

Full color capacitive touch screen

Optimum heat management, with 4 sensor modes

Can be controlled by any third party application through Open Source RESTful API

Reliable during long life: 12 to 20 year total care warranty available, maintenance free

## SPECIFICATIONS

Table 1/5

Catalog Number	Item Name	Power Supply	Measuring Range	Adjustable Differential	Regulation Type	Max Contact Voltage
1244-017778	R-SENZ-WIFI	230 V	4 – 40 °C	No	On/Off	230 V

Table 2/5

Catalog Number	Item Name	Max Contact Load	Sensor/Feeler Type	Temperature Control Class	Control Characteristic	Power Consumption, Standby
1244-017778	R-SENZ-WIFI	13 A	Resistance Sensor	IV	PID	0.5 W

Table 3/5

Catalog Number	Item Name	IP Rating	RAL Number	Color	IFTTT Support Available	Clock Type
1244-017778	R-SENZ-WIFI	IP21	9003	Black	No	Week Clock

Table 4/5

Catalog Number	Item Name	Clock Model	Self Learning	Remote Operation	Communications Protocol	Height
1244-017778	R-SENZ-WIFI	Digital	Yes	Yes	Wifi	84.3 mm

Table 5/5

Catalog Number	Item Name	Width	Depth
1244-017778	R-SENZ-WIFI	85.5 mm	41.9 mm

## ADDITIONAL PRODUCT DETAILS

Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. Google and related marks and logos are trademarks of Google LLC.

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

**North America**

Tel +1.800.545.6258

Fax +1.800.527.5703

[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

**Europe, Middle East,  
Africa**

Tel +32.16.213.511

Fax +32.16.213.604

[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

**Asia Pacific**

Tel +86.21.2412.1688

Fax +86.21.5426.3167

[cn.thermal.info@nvent.com](mailto:cn.thermal.info@nvent.com)

**Latin America**

Tel +1.713.868.4800

Fax +1.713.868.2333

[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

Our powerful portfolio of brands:

**RAYCHEM   PYROTENAX   TRACER   NUHEAT**