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

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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 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.

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