

## UNDERFLOOR HEATING THERMOSTAT



### DESCRIPTION

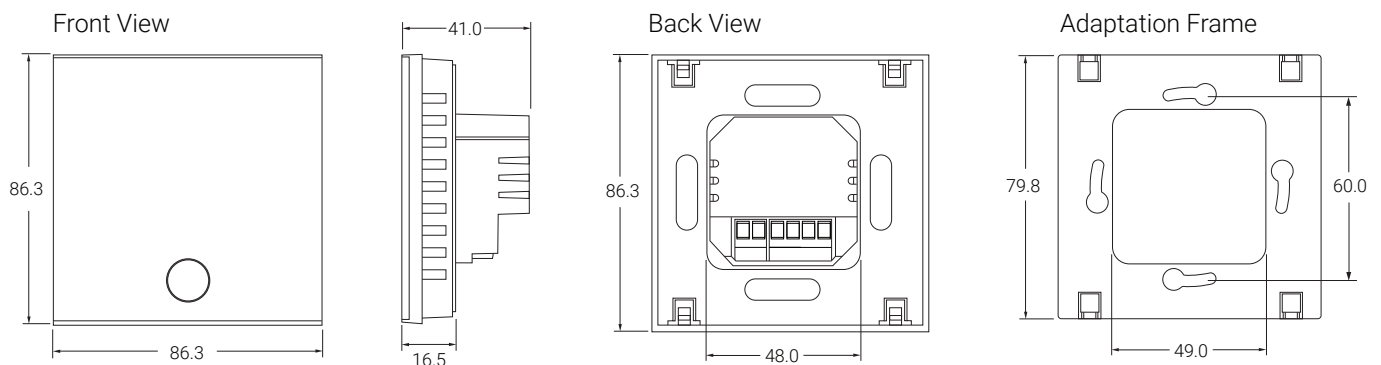
The GREEN LEAF EU thermostat is an “in wall” mounted programmable thermostat for electrical underfloor heating.

The thermostat can work in floor sensing mode, room sensing mode and room sensing mode with floor temperature limiter.

### FEATURES

- Large clear display
- Intelligent leaf button
  - Changing from one operation mode to the other
  - Turning the thermostat ON/OFF
  - Saving changes
  - Energising the thermostat when in standby mode (motion sense technology)
- Built-in 4 event timer function
- 2 operation modes
  - Manual on/off programme (1 temperature set-point)
  - 1 editable pre-programme (4 temperature set-points per day)
- Easy navigation

### DIMENSION DRAWINGS



### OPERATION SENSOR MODE

- Room sensing only
- Floor sensing only
- Room sensing mode with floor temperature limiter

## TECHNICAL DATA

Supply voltage:	230 VAC (+10% / -15%) – 50 Hz
Relay output	230 VAC, maximum 13A resistive load (max. 3000W)
Power consumption (Stand-by)	3VA
Ambient operating temperature	0 .. +40°C, 5 .. 95% RH (non condensing)
Switching hysteresis	1K (Factory settings adjustable between 0,5 - 2,0K)
Terminals	Max. 2,5 mm <sup>2</sup>
Protection class	IP 21
Sensor	External floor sensor (range +5 .. +35°C) - With 3 meter cable (max. extension 100 m with 2 x 1,5 mm <sup>2</sup> ) - Type NTC 10K @ 25°C - Compatible with existing nVent RAYCHEM® floor sensor (NRG-Temp, R-TA, R-TC, R-TE) Internal room sensor (range +5 .. +40°C)
Transport - Ambient temperature	-10 .. +60°C
Approvals	CE approved according to the norms EN 60730-1:2011 & EN 60730-2-9:2010 RoHS compliant WEEE compliant



## SYSTEM INFORMATION

Compatible with the following RAYCHEM products:

- T2QuickNet mats 90 W/m<sup>2</sup> and 160 W/m<sup>2</sup>
- T2Red – Self-regulating heating cable
- T2Blue 10 W/m and T2Blue 20 W/m heating cables
- T2Green heating cable
- CeraPro heating cable

## PACKAGING

The Box includes:

- The thermostat
- The external floor sensor
- The adaptation frame for mounting
- The multilingual simplified instruction manual

The full English and multilingual simplified instruction manuals can be downloaded by scanning the code.

[nVent.com/Thermal/manuals/](http://nVent.com/Thermal/manuals/)

## ORDERING INFORMATION

	PCN NRS
GREEN LEAF EU Thermostat	1244-017312
Spare floor sensor	1244-002952

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