

nvent

RAYCHEM

# NVENT RAYCHEM QUICKNET

Electrical Floor Heating System

COMFORT YOU DESERVE







The nVent RAYCHEM QuickNet Electrical Floor Heating Mat offers **improved adhesion** and an **uniform cable spacing**, resulting in a **faster installation** with a **perfect fit**.

The thin, self-adhesive QuickNet mat is the ideal solution for renovation. Not only can it be installed under tiles, parquet, laminate and wood flooring, the mat can also be fitted easily around obstacles by only two cuts in the mesh.

# QuickNet Improved Features

## Added freedom of choice

The QuickNet 90 kit contains the nVent SENZ thermostat. The QuickNet 160 kit has the WIFI-enabled SENZ-WIFI thermostat included. QuickNet kits without thermostat can be combined with any nVent RAYCHEM thermostat of your choice.

Calculate the heated area in m<sup>2</sup> and select the QuickNet Mat with a surface closest in size but smaller than the heated area. The heated area of the room should exclude areas beneath counters, fixed furniture, or any other areas where QuickNet will not be installed.

## Higher comfort at minimal energy cost

The QuickNet floor heating mat has an improved design to give maximized comfort by better heat distribution on the floor surface.

The system is fully ECO-design compliant when used in combination with the NRG-DM, GREEN LEAF, SENZ or SENZ WIFI thermostats. This will secure the energy costs will be kept to a minimum.

## Easier to install, easier to fit

The QuickNet Mat is a highly flexible, thin, self-adhesive system with a patented design reducing installation time, preparations and cost.

The enhanced adhesive bonds cables to sub floors more securely, cables do not require additional fixation or become detached. The QuickNet self-adhesive net band also allows for quicker installation of underfloor heating in irregularly shaped rooms.



**QuickNet 160 W/m<sup>2</sup> + SENZ-WIFI thermostat**  
or  
**QuickNet 90 W/m<sup>2</sup> + SENZ thermostat**



## SENZ WIFI included in QuickNet 160 kit



- ☒ Week Timer
- ☒ Predictive Heating
- ☒ Open Window
- ☒ Distance Control



EcoDesign  
Compliant

## SENZ included in QuickNet 90 kit



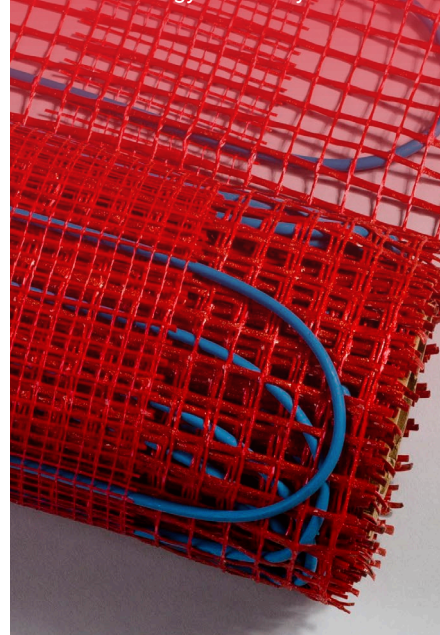
- ☒ Week Timer
- ☒ Predictive Heating
- ☒ Open Window
- ☐ Distance Control



EcoDesign  
Compliant

## ECO-design compliant =

The combination of QuickNet with a thermostat equipped with energy saving features, like the ability to detect an open window or predict when to start heating, results in a system that is compliant with Eco-Design regulations that require heating apparatus to meet a certain level of energy efficiency.





With only **2** cuts in the mesh, cables can be loosened and directed to fit around obstacles.

1



2



3



## Fast Facts

Especially suitable for renovation, but also for new build – **only 3.5 mm thin!**

### EASE OF INSTALLATION

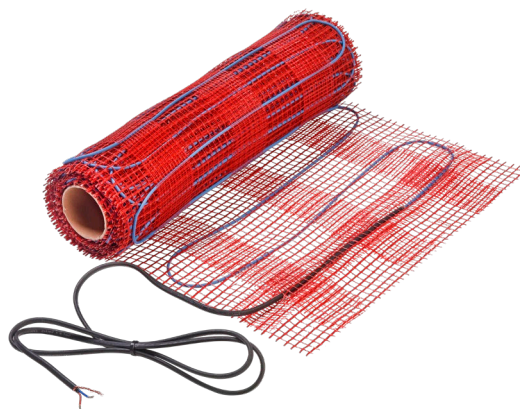
- Self-adhesive mat with improved adhesion for faster installation
- No need for return cable
- Mat simply needs to be rolled out
- More easy to fit around obstacles (by only two cuts in the mesh)

### INCREASED FLEXIBILITY

- Can be installed on all well insulated subfloors
- Can be used in shower areas (wet rooms)
- Many sizes available, even for the smallest rooms

### HIGH RELIABILITY

- Maintenance-free
- 12–20 years Total Care Warranty



**12**  
Total care  
warranty

**Certified  
PRO**  
RAYCHEM

**20**  
Total care  
warranty

### TOTAL CARE WARRANTY

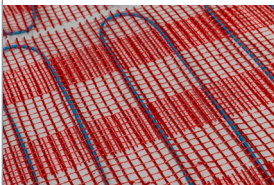

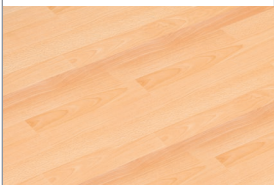
QuickNet is part of nVent RAYCHEM's Total Care Warranty program: licensed electricians can offer 12 years warranty; Certified PRO installers can offer 20 years.

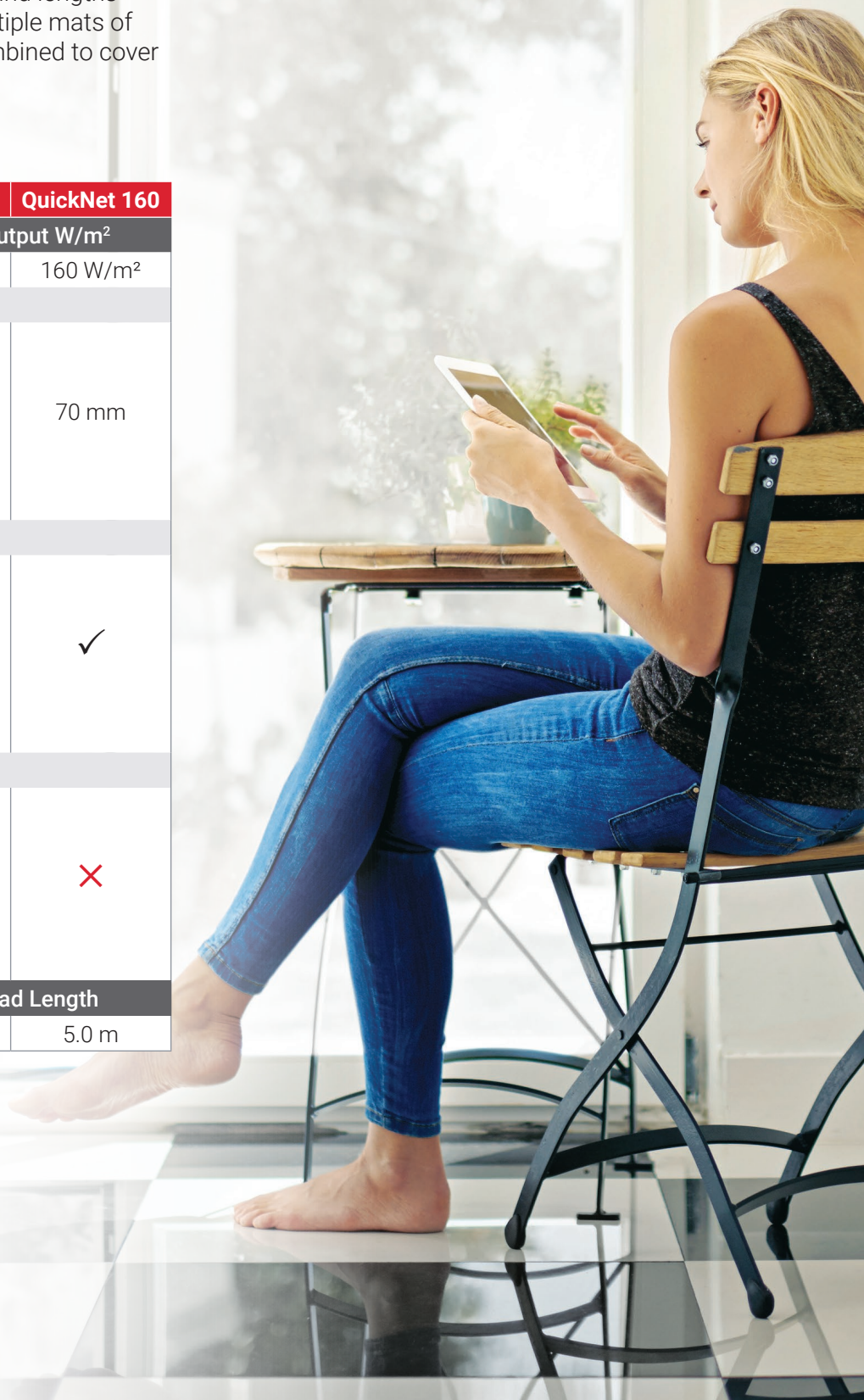
**Total Care** = In the rare event that our product would fail and we cannot repair it, we will not only provide you with a new product and pay the costs of installation. We will also take care that the floor covering is repaired or replaced to the equivalent standard.

## Two Versions of QuickNet

**QuickNet 90** can be used on all solid subfloors. When more power output and faster heat up time is required, **QuickNet 160** is the preferred option. QuickNet 160 can be used on all solid and non-combustible subfloors.

The range is composed of mats of different power outputs (90 and 160W/m<sup>2</sup>) and lengths (from 1m<sup>2</sup> to 12m<sup>2</sup>). If needed, multiple mats of the same power output can be combined to cover bigger surfaces.

	QuickNet 90	QuickNet 160
	Power Output W/m <sup>2</sup>	
	90 W/m <sup>2</sup>	160 W/m <sup>2</sup>
Cable Spacing		
	90 mm	70 mm
Tile		
	✓	✓
Wood/Laminate		
	✓	✗
	Cold Lead Length	
	2.5 m	5.0 m







Enjoy modern  
floor heating comfort

# nVent RAYCHEM Thermostats

## SENZ AND SENZ WIFI

### Modern design

- Subtle design suited to any style
- Full colour 2" display



### Easy to use

- Swipe navigation, similar to a smartphone
- Durable and sensitive capacitive touch screen
- Set-up wizard for fast programming
- Pre-set programs for different needs



### Smart

- Adaptive function to reach the right temperature when you want it
- Energy monitoring to join economy and comfort
- Choice between elegant black design or switch gear frames
- Ideal for refurbishment and upgrades: works with most floor sensors

### Wireless comfort: SENZ WIFI

- Control your floor heating remotely with our free app.
- Connects to your home WiFi
- Change programs and temperature via your smartphone or tablet
- Monitor the efficiency of your installation
- Control up to 32 zones (rooms and/or houses)



## GREEN LEAF

- Green Leaf button to switch on/off and to change temperatures and programs
- Large and clear display
- 4 preset events



## NRG-DM

- Intuitive navigation
- Flexible time schedules
- Adaptive function



# Product Selection Table

## QUICKNET 90

Product Name	Without thermostat	With SENZ thermostat	Area	Output	Dimensions (W x L in m)
R-QN-N-1.0M2	SZ18300279	SZ18300246	1	90	0.5 x 2.0
R-QN-N-1.5M2	SZ18300280	SZ18300247	1.5	135	0.5 x 3.0
R-QN-N-2.0M2	SZ18300281	SZ18300248	2	180	0.5 x 4.0
R-QN-N-2.5M2	SZ18300282	SZ18300249	2.5	225	0.5 x 5.0
R-QN-N-3.0M2	SZ18300283	SZ18300250	3	270	0.5 x 6.0
R-QN-N-3.5M2	SZ18300284	SZ18300251	3.5	315	0.5 x 7.0
R-QN-N-4.0M2	SZ18300285	SZ18300252	4	360	0.5 x 8.0
R-QN-N-4.5M2	SZ18300286	SZ18300253	4.5	405	0.5 x 9.0
R-QN-N-5.0M2	SZ18300287	SZ18300254	5	450	0.5 x 10.0
R-QN-N-6.0M2	SZ18300288	SZ18300255	6	540	0.5 x 12.0
R-QN-N-7.0M2	SZ18300289	SZ18300256	7	630	0.5 x 14.0
R-QN-N-8.0M2	SZ18300290	SZ18300257	8	720	0.5 x 16.0
R-QN-N-9.0M2	SZ18300291	SZ18300258	9	810	0.5 x 18.0
R-QN-N-10.0M2	SZ18300292	SZ18300259	10	900	0.5 x 20.0
R-QN-N-12.0M2	SZ18300293	SZ18300260	12	1080	0.5 x 24.0

## QUICKNET 160

Product Name	Without thermostat	With SENZ WIFI thermostat	Area	Output	Dimensions (W x L in m)
R-QN-P-1.0M2	SZ18300294	SZ18300261	1	160	0.5 x 2.0
R-QN-P-1.5M2	SZ18300295	SZ18300262	1.5	240	0.5 x 3.0
R-QN-P-2.0M2	SZ18300296	SZ18300263	2	320	0.5 x 4.0
R-QN-P-2.5M2	SZ18300297	SZ18300264	2.5	400	0.5 x 5.0
R-QN-P-3.0M2	SZ18300298	SZ18300265	3	480	0.5 x 6.0
R-QN-P-3.5M2	SZ18300299	SZ18300266	3.5	560	0.5 x 7.0
R-QN-P-4.0M2	SZ18300300	SZ18300267	4	640	0.5 x 8.0
R-QN-P-4.5M2	SZ18300301	SZ18300268	4.5	720	0.5 x 9.0
R-QN-P-5.0M2	SZ18300302	SZ18300269	5	800	0.5 x 10.0
R-QN-P-6.0M2	SZ18300303	SZ18300270	6	960	0.5 x 12.0
R-QN-P-7.0M2	SZ18300304	SZ18300271	7	1120	0.5 x 14.0
R-QN-P-8.0M2	SZ18300305	SZ18300272	8	1280	0.5 x 16.0
R-QN-P-9.0M2	SZ18300306	SZ18300273	9	1440	0.5 x 18.0
R-QN-P-10.0M2	SZ18300307	SZ18300274	10	1600	0.5 x 20.0

## THERMOSTATS



Product Name	SENZ WIFI	SENZ	GREEN LEAF	NRG-DM
Part number	1244-017778	1244-017777	1244-017312	1244-015152

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