

## QUICKNET FLOOR HEATING MAT



nVent RAYCHEM QuickNet is a electrical floor heating mat with 2 power output variants (90 W/m<sup>2</sup> and 160 W/m<sup>2</sup>) and available in kits with and without thermostat, ideal for renovation and suitable for new build. The product is self-adhesive and particularly suited for use under ceramic tiles or natural stone but also under parquet, engineered wood or vinyl floors, available in 1 m<sup>2</sup> to 12 m<sup>2</sup> sizes.

### FEATURES & BENEFITS

Easy installation: 3.5 mm thick, flexible, self adhesive, pre-terminated with power cable, simply roll out the mat, no need for return cable, packaged in ready to use boxes, installed directly in tile/natural stone adhesive

Safe to install on timber subfloors with 90W per m<sup>2</sup>

Available in EcoDesign compatible kits including the energy efficient and advanced SENZ WIFI touchscreen thermostat that can be controlled through the SENZ WIFI app or through voice control using Alexa or Google Assistant compatible smartspeakers.

Fast heat up time with 160W per m<sup>2</sup>

Safe and efficient operation

Reliable during long life: 12 to 20 year total care warranty available, no maintenance required

### SPECIFICATIONS

**Heating Cable Technology** Constant Wattage

**Nominal Voltage** 230 V

**Nominal Power Output** 160 W/m<sup>2</sup>

**Outer Jacket Material** LSZH

**Color** Blue

**Outer Diameter** 3.5 mm

**Ground Path Type** Foil and Drainwire

**Min Installation Temperature** 5 °C

**Cold Lead Length** 2.5 m

**Thermostat Included** SENZ-WIFI

Table 1/1

Catalog Number	Item Name	Power	Resistance Range	Width	Length	Total Surface
SZ18300261	R-QN-P-1,0M2/SENZ-WIFI	160 W	306.8 – 355.2 Ω	500 mm	2 m	1 m <sup>2</sup>
SZ18300262	R-QN-P-1,5M2/SENZ-WIFI	240 W	199.9 – 231.5 Ω	500 mm	3 m	1.5 m <sup>2</sup>
SZ18300274	R-QN-P-10,0M2/SENZ-WIFI	1600 W	31 – 36 Ω	500 mm	20 m	10 m <sup>2</sup>
SZ18300263	R-QN-P-2,0M2/SENZ-WIFI	320 W	151.9 – 175.9 Ω	500 mm	4 m	2 m <sup>2</sup>
SZ18300264	R-QN-P-2,5M2/SENZ-WIFI	400 W	121.8 – 141.1 Ω	500 mm	5 m	2.5 m <sup>2</sup>
SZ18300265	R-QN-P-3,0M2/SENZ-WIFI	480 W	103.1 – 119.4 Ω	500 mm	6 m	3 m <sup>2</sup>
SZ18300266	R-QN-P-3,5M2/SENZ-WIFI	560 W	87.3 – 101 Ω	500 mm	7 m	3.5 m <sup>2</sup>
SZ18300267	R-QN-P-4,0M2/SENZ-WIFI	640 W	77.6 – 89.9 Ω	500 mm	8 m	4 m <sup>2</sup>
SZ18300268	R-QN-P-4,5M2/SENZ-WIFI	720 W	68.3 – 79.1 Ω	500 mm	9 m	4.5 m <sup>2</sup>
SZ18300269	R-QN-P-5,0M2/SENZ-WIFI	800 W	61.3 – 71 Ω	500 mm	10 m	5 m <sup>2</sup>
SZ18300270	R-QN-P-6,0M2/SENZ-WIFI	960 W	53.6 – 62.1 Ω	500 mm	12 m	6 m <sup>2</sup>
SZ18300271	R-QN-P-7,0M2/SENZ-WIFI	1120 W	43.4 – 50.3 Ω	500 mm	14 m	7 m <sup>2</sup>
SZ18300272	R-QN-P-8,0M2/SENZ-WIFI	1280 W	38.5 – 44.6 Ω	500 mm	16 m	8 m <sup>2</sup>
SZ18300273	R-QN-P-9,0M2/SENZ-WIFI	1440 W	34.5 – 39.9 Ω	500 mm	18 m	9 m <sup>2</sup>

**Heating Cable Technology** Constant Wattage**Nominal Voltage** 230 V**Nominal Power Output** 160 W/m<sup>2</sup>**Outer Jacket Material** LSZH**Color** Blue**Outer Diameter** 3.5 mm**Ground Path Type** Foil and Drainwire**Min Installation Temperature** 5 °C**Cold Lead Length** 2.5 m**Thermostat Included** No

Table 1/1

Catalog Number	Item Name	Power	Resistance Range	Width	Length	Total Surface
SZ18300294	R-QN-P-1,0M2/T0	160 W	306.8 – 355.2 Ω	500 mm	2 m	1 m <sup>2</sup>
SZ18300295	R-QN-P-1,5M2/T0	240 W	199.9 – 231.5 Ω	500 mm	3 m	1.5 m <sup>2</sup>
SZ18300307	R-QN-P-10,0M2/T0	1600 W	31 – 36 Ω	500 mm	20 m	10 m <sup>2</sup>
SZ18300296	R-QN-P-2,0M2/T0	320 W	151.9 – 175.9 Ω	500 mm	4 m	2 m <sup>2</sup>
SZ18300297	R-QN-P-2,5M2/T0	400 W	121.8 – 141.1 Ω	500 mm	5 m	2.5 m <sup>2</sup>
SZ18300298	R-QN-P-3,0M2/T0	480 W	103.1 – 119.4 Ω	500 mm	6 m	3 m <sup>2</sup>
SZ18300299	R-QN-P-3,5M2/T0	560 W	87.3 – 101 Ω	500 mm	7 m	3.5 m <sup>2</sup>
SZ18300300	R-QN-P-4,0M2/T0	640 W	77.6 – 89.9 Ω	500 mm	8 m	4 m <sup>2</sup>
SZ18300301	R-QN-P-4,5M2/T0	720 W	68.3 – 79.1 Ω	500 mm	9 m	4.5 m <sup>2</sup>
SZ18300302	R-QN-P-5,0M2/T0	800 W	61.3 – 71 Ω	500 mm	10 m	5 m <sup>2</sup>
SZ18300303	R-QN-P-6,0M2/T0	960 W	53.6 – 62.1 Ω	500 mm	12 m	6 m <sup>2</sup>
SZ18300304	R-QN-P-7,0M2/T0	1120 W	43.4 – 50.3 Ω	500 mm	14 m	7 m <sup>2</sup>
SZ18300305	R-QN-P-8,0M2/T0	1280 W	38.5 – 44.6 Ω	500 mm	16 m	8 m <sup>2</sup>
SZ18300306	R-QN-P-9,0M2/T0	1440 W	34.5 – 39.9 Ω	500 mm	18 m	9 m <sup>2</sup>

**Heating Cable Technology** Constant Wattage**Nominal Voltage** 230 V**Nominal Power Output** 90 W/m<sup>2</sup>**Outer Jacket Material** LSZH**Color** Blue

**Outer Diameter** 3.5 mm

**Ground Path Type** Foil and Drainwire

**Min Installation Temperature** 5 °C

**Cold Lead Length** 2.5 m

**Thermostat Included** SENZ-WIFI

Table 1/1

Catalog Number	Item Name	Power	Resistance Range	Width	Length	Total Surface
SZ18300429	R-QN-N-1,0M2/SENZ-WIFI	90 W	531.1 – 614.9 $\Omega$	500 mm	2 m	1 m <sup>2</sup>
SZ18300430	R-QN-N-1,5M2/SENZ-WIFI	135 W	364.2 – 421.7 $\Omega$	500 mm	3 m	1.5 m <sup>2</sup>
SZ18300442	R-QN-N-10,0M2/SENZ-WIFI	915 W	55.9 – 64.7 $\Omega$	500 mm	20 m	10 m <sup>2</sup>
SZ18300443	R-QN-N-12,0M2/SENZ-WIFI	1100 W	46.5 – 53.8 $\Omega$	500 mm	24 m	12 m <sup>2</sup>
SZ18300431	R-QN-N-2,0M2/SENZ-WIFI	180 W	277.2 – 321 $\Omega$	500 mm	4 m	2 m <sup>2</sup>
SZ18300432	R-QN-N-2,5M2/SENZ-WIFI	225 W	223.2 – 258.5 $\Omega$	500 mm	5 m	2.5 m <sup>2</sup>
SZ18300433	R-QN-N-3,0M2/SENZ-WIFI	275 W	183.7 – 212.7 $\Omega$	500 mm	6 m	3 m <sup>2</sup>
SZ18300434	R-QN-N-3,5M2/SENZ-WIFI	320 W	159.5 – 184.7 $\Omega$	500 mm	7 m	3.5 m <sup>2</sup>
SZ18300435	R-QN-N-4,0M2/SENZ-WIFI	360 W	140.3 – 162.4 $\Omega$	500 mm	8 m	4 m <sup>2</sup>
SZ18300436	R-QN-N-4,5M2/SENZ-WIFI	405 W	124.6 – 144.2 $\Omega$	500 mm	9 m	4.5 m <sup>2</sup>
SZ18300437	R-QN-N-5,0M2/SENZ-WIFI	450 W	112 – 129.7 $\Omega$	500 mm	10 m	5 m <sup>2</sup>
SZ18300438	R-QN-N-6,0M2/SENZ-WIFI	545 W	93.7 – 108.5 $\Omega$	500 mm	12 m	6 m <sup>2</sup>
SZ18300439	R-QN-N-7,0M2/SENZ-WIFI	630 W	81 – 93.8 $\Omega$	500 mm	14 m	7 m <sup>2</sup>
SZ18300440	R-QN-N-8,0M2/SENZ-WIFI	725 W	70.3 – 81.5 $\Omega$	500 mm	16 m	8 m <sup>2</sup>
SZ18300441	R-QN-N-9,0M2/SENZ-WIFI	800 W	63.8 – 73.9 $\Omega$	500 mm	18 m	9 m <sup>2</sup>

**Heating Cable Technology** Constant Wattage**Nominal Voltage** 230 V**Nominal Power Output** 90 W/m<sup>2</sup>**Outer Jacket Material** LSZH**Color** Blue**Outer Diameter** 3.5 mm**Ground Path Type** Foil and Drainwire**Min Installation Temperature** 5 °C**Cold Lead Length** 2.5 m**Thermostat Included** No

Table 1/1

Catalog Number	Item Name	Power	Resistance Range	Width	Length	Total Surface
SZ18300279	R-QN-N-1,0M2/T0	90 W	531.1 – 614.9 Ω	500 mm	2 m	1 m <sup>2</sup>
SZ18300280	R-QN-N-1,5M2/T0	135 W	364.2 – 421.7 Ω	500 mm	3 m	1.5 m <sup>2</sup>
SZ18300292	R-QN-N-10,0M2/T0	915 W	55.9 – 64.7 Ω	500 mm	20 m	10 m <sup>2</sup>
SZ18300293	R-QN-N-12,0M2/T0	1100 W	46.5 – 53.8 Ω	500 mm	24 m	12 m <sup>2</sup>
SZ18300281	R-QN-N-2,0M2/T0	180 W	277.2 – 321 Ω	500 mm	4 m	2 m <sup>2</sup>
SZ18300282	R-QN-N-2,5M2/T0	225 W	223.2 – 258.5 Ω	500 mm	5 m	2.5 m <sup>2</sup>
SZ18300283	R-QN-N-3,0M2/T0	275 W	183.7 – 212.7 Ω	500 mm	6 m	3 m <sup>2</sup>
SZ18300284	R-QN-N-3,5M2/T0	320 W	159.5 – 184.7 Ω	500 mm	7 m	3.5 m <sup>2</sup>
SZ18300285	R-QN-N-4,0M2/T0	360 W	140.3 – 162.4 Ω	500 mm	8 m	4 m <sup>2</sup>
SZ18300286	R-QN-N-4,5M2/T0	405 W	124.6 – 144.2 Ω	500 mm	9 m	4.5 m <sup>2</sup>
SZ18300287	R-QN-N-5,0M2/T0	450 W	112 – 129.7 Ω	500 mm	10 m	5 m <sup>2</sup>
SZ18300288	R-QN-N-6,0M2/T0	545 W	93.7 – 108.5 Ω	500 mm	12 m	6 m <sup>2</sup>
SZ18300289	R-QN-N-7,0M2/T0	630 W	81 – 93.8 Ω	500 mm	14 m	7 m <sup>2</sup>
SZ18300290	R-QN-N-8,0M2/T0	725 W	70.3 – 81.5 Ω	500 mm	16 m	8 m <sup>2</sup>
SZ18300291	R-QN-N-9,0M2/T0	800 W	63.8 – 73.9 Ω	500 mm	18 m	9 m <sup>2</sup>

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