

QuickNet Floor Heating Mat



nVent RAYCHEM QuickNet is a electrical floor heating mat with 2 power output variants (90 W/m² and 160 W/m²) 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 m² to 12 m² sizes.

FEATURES

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 m²

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 m²

Safe and efficient operation

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

SPECIFICATIONS

Cold Lead Length:	2.5 m
Outer Diameter:	3.5 mm
Min Installation Temperature:	5 °C
Nominal Voltage:	230 V
Color:	Blue
Heating Cable Technology:	Constant Wattage
Ground Path Type:	Foil and Drainwire
Outer Jacket Material:	LSZH

Table 1/2

Catalog Number	Item Name	E-Number	Nominal Power Output	Power	Resistance Range	Width
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SZ18300302	R-QN-P-5.0M2/T0	1038376	160 W/m ²	800 W	61.3 – 71 Ω	500 mm
SZ18300303	R-QN-P-6.0M2/T0	1038380	160 W/m ²	960 W	53.6 – 62.1 Ω	500 mm
SZ18300304	R-QN-P-7.0M2/T0	1038393	160 W/m ²	1120 W	43.4 – 50.3 Ω	500 mm
SZ18300305	R-QN-P-8.0M2/T0	1038394	160 W/m ²	1280 W	38.5 – 44.6 Ω	500 mm
SZ18300306	R-QN-P-9.0M2/T0	1038395	160 W/m ²	1440 W	34.5 – 39.9 Ω	500 mm
SZ18300307	R-QN-P-10.0M2/T0	1038396	160 W/m ²	1600 W	31 – 36 Ω	500 mm
SZ18300429	R-QN-N-1.0M2/SENZ-WIFI	1038276	90 W/m ²	90 W	531.1 – 614.9 Ω	500 mm
SZ18300430	R-QN-N-1.5M2/SENZ-WIFI	1038277	90 W/m ²	135 W	364.2 – 421.7 Ω	500 mm
SZ18300431	R-QN-N-2.0M2/SENZ-WIFI	1038278	90 W/m ²	180 W	277.2 – 321 Ω	500 mm
SZ18300432	R-QN-N-2.5M2/SENZ-WIFI	1038279	90 W/m ²	225 W	223.2 – 258.5 Ω	500 mm
SZ18300433	R-QN-N-3.0M2/SENZ-WIFI	1038280	90 W/m ²	275 W	183.7 – 212.7 Ω	500 mm
SZ18300434	R-QN-N-3.5M2/SENZ-WIFI	1038281	90 W/m ²	320 W	159.5 – 184.7 Ω	500 mm
SZ18300435	R-QN-N-4.0M2/SENZ-WIFI	1038282	90 W/m ²	360 W	140.3 – 162.4 Ω	500 mm
SZ18300436	R-QN-N-4.5M2/SENZ-WIFI	1038283	90 W/m ²	405 W	124.6 – 144.2 Ω	500 mm
SZ18300437	R-QN-N-5.0M2/SENZ-WIFI	1038284	90 W/m ²	450 W	112 – 129.7 Ω	500 mm
SZ18300438	R-QN-N-6.0M2/SENZ-WIFI	1038285	90 W/m ²	545 W	93.7 – 108.5 Ω	500 mm

SZ18300439	R-QN-N- 7.0M2/SENZ- WIFI	1038286	90 W/m ²	630 W	81 – 93.8 Ω	500 mm
SZ18300440	R-QN-N- 8.0M2/SENZ- WIFI	1038289	90 W/m ²	725 W	70.3 – 81.5 Ω	500 mm
SZ18300441	R-QN-N- 9.0M2/SENZ- WIFI	1038290	90 W/m ²	800 W	63.8 – 73.9 Ω	500 mm
SZ18300442	R-QN-N- 10.0M2/SENZ- WIFI	1038291	90 W/m ²	915 W	55.9 – 64.7 Ω	500 mm
SZ18300443	R-QN-N- 12.0M2/SENZ- WIFI	1038292	90 W/m ²	1100 W	46.5 – 53.8 Ω	500 mm
SZ18300261	R-QN-P- 1.0M2/SENZ- WIFI	1038343	160 W/m ²	160 W	306.8 – 355.2 Ω	500 mm
SZ18300262	R-QN-P- 1.5M2/SENZ- WIFI	1038344	160 W/m ²	240 W	199.9 – 231.5 Ω	500 mm
SZ18300263	R-QN-P- 2.0M2/SENZ- WIFI	1038346	160 W/m ²	320 W	151.9 – 175.9 Ω	500 mm
SZ18300264	R-QN-P- 2.5M2/SENZ- WIFI	1038347	160 W/m ²	400 W	121.8 – 141.1 Ω	500 mm
SZ18300265	R-QN-P- 3.0M2/SENZ- WIFI	1038349	160 W/m ²	480 W	103.1 – 119.4 Ω	500 mm
SZ18300266	R-QN-P- 3.5M2/SENZ- WIFI	1038350	160 W/m ²	560 W	87.3 – 101 Ω	500 mm
SZ18300267	R-QN-P- 4.0M2/SENZ- WIFI	1038351	160 W/m ²	640 W	77.6 – 89.9 Ω	500 mm
SZ18300268	R-QN-P- 4.5M2/SENZ- WIFI	1038352	160 W/m ²	720 W	68.3 – 79.1 Ω	500 mm
SZ18300269	R-QN-P- 5.0M2/SENZ- WIFI	1038353	160 W/m ²	800 W	61.3 – 71 Ω	500 mm
SZ18300270	R-QN-P- 6.0M2/SENZ- WIFI	1038354	160 W/m ²	960 W	53.6 – 62.1 Ω	500 mm

SZ18300271	R-QN-P-7.0M2/SENZ-WIFI	1038355	160 W/m ²	1120 W	43.4 – 50.3 Ω	500 mm
SZ18300272	R-QN-P-8.0M2/SENZ-WIFI	1038356	160 W/m ²	1280 W	38.5 – 44.6 Ω	500 mm
SZ18300273	R-QN-P-9.0M2/SENZ-WIFI	1038357	160 W/m ²	1440 W	34.5 – 39.9 Ω	500 mm
SZ18300274	R-QN-P-10.0M2/SENZ-WIFI	1038359	160 W/m ²	1600 W	31 – 36 Ω	500 mm
SZ18300279	R-QN-N-1.0M2/T0	1038218	90 W/m ²	90 W	531.1 – 614.9 Ω	500 mm
SZ18300280	R-QN-N-1.5M2/T0	1038219	90 W/m ²	135 W	364.2 – 421.7 Ω	500 mm
SZ18300281	R-QN-N-2.0M2/T0	1038220	90 W/m ²	180 W	277.2 – 321 Ω	500 mm
SZ18300282	R-QN-N-2.5M2/T0	1038223	90 W/m ²	225 W	223.2 – 258.5 Ω	500 mm
SZ18300283	R-QN-N-3.0M2/T0	1038224	90 W/m ²	275 W	183.7 – 212.7 Ω	500 mm
SZ18300284	R-QN-N-3.5M2/T0	1038225	90 W/m ²	320 W	159.5 – 184.7 Ω	500 mm
SZ18300285	R-QN-N-4.0M2/T0	1038229	90 W/m ²	360 W	140.3 – 162.4 Ω	500 mm
SZ18300286	R-QN-N-4.5M2/T0	1038254	90 W/m ²	405 W	124.6 – 144.2 Ω	500 mm
SZ18300287	R-QN-N-5.0M2/T0	1038255	90 W/m ²	450 W	112 – 129.7 Ω	500 mm
SZ18300288	R-QN-N-6.0M2/T0	1038256	90 W/m ²	545 W	93.7 – 108.5 Ω	500 mm
SZ18300289	R-QN-N-7.0M2/T0	1038293	90 W/m ²	630 W	81 – 93.8 Ω	500 mm
SZ18300290	R-QN-N-8.0M2/T0	1038294	90 W/m ²	725 W	70.3 – 81.5 Ω	500 mm
SZ18300291	R-QN-N-9.0M2/T0	1038295	90 W/m ²	800 W	63.8 – 73.9 Ω	500 mm
SZ18300292	R-QN-N-10.0M2/T0	1038296	90 W/m ²	915 W	55.9 – 64.7 Ω	500 mm

SZ18300293	R-QN-N-12.0M2/T0	1038298	90 W/m ²	1100 W	46.5 – 53.8 Ω	500 mm
SZ18300294	R-QN-P-1.0M2/T0	1038339	160 W/m ²	160 W	306.8 – 355.2 Ω	500 mm
SZ18300295	R-QN-P-1.5M2/T0	1038340	160 W/m ²	240 W	199.9 – 231.5 Ω	500 mm
SZ18300296	R-QN-P-2.0M2/T0	1038341	160 W/m ²	320 W	151.9 – 175.9 Ω	500 mm
SZ18300297	R-QN-P-2.5M2/T0	1038342	160 W/m ²	400 W	121.8 – 141.1 Ω	500 mm
SZ18300298	R-QN-P-3.0M2/T0	1038365	160 W/m ²	480 W	103.1 – 119.4 Ω	500 mm
SZ18300299	R-QN-P-3.5M2/T0	1038367	160 W/m ²	560 W	87.3 – 101 Ω	500 mm
SZ18300300	R-QN-P-4.0M2/T0	1038371	160 W/m ²	640 W	77.6 – 89.9 Ω	500 mm
SZ18300301	R-QN-P-4.5M2/T0	1038372	160 W/m ²	720 W	68.3 – 79.1 Ω	500 mm

Table 2/2

Catalog Number	Item Name	E-Number	Length	Total Surface	Thermostat Included
SZ18300302	R-QN-P-5.0M2/T0	1038376	10 m	5 m ²	No
SZ18300303	R-QN-P-6.0M2/T0	1038380	12 m	6 m ²	No
SZ18300304	R-QN-P-7.0M2/T0	1038393	14 m	7 m ²	No
SZ18300305	R-QN-P-8.0M2/T0	1038394	16 m	8 m ²	No
SZ18300306	R-QN-P-9.0M2/T0	1038395	18 m	9 m ²	No
SZ18300307	R-QN-P-10.0M2/T0	1038396	20 m	10 m ²	No
SZ18300429	R-QN-N-1.0M2/SENZ-WIFI	1038276	2 m	1 m ²	SENZ-WIFI
SZ18300430	R-QN-N-1.5M2/SENZ-WIFI	1038277	3 m	1.5 m ²	SENZ-WIFI

Catalog Number	Item Name	E-Number	Length	Total Surface	Thermostat Included
SZ18300431	R-QN-N-2.0M2/SENZ-WIFI	1038278	4 m	2 m ²	SENZ-WIFI
SZ18300432	R-QN-N-2.5M2/SENZ-WIFI	1038279	5 m	2.5 m ²	SENZ-WIFI
SZ18300433	R-QN-N-3.0M2/SENZ-WIFI	1038280	6 m	3 m ²	SENZ-WIFI
SZ18300434	R-QN-N-3.5M2/SENZ-WIFI	1038281	7 m	3.5 m ²	SENZ-WIFI
SZ18300435	R-QN-N-4.0M2/SENZ-WIFI	1038282	8 m	4 m ²	SENZ-WIFI
SZ18300436	R-QN-N-4.5M2/SENZ-WIFI	1038283	9 m	4.5 m ²	SENZ-WIFI
SZ18300437	R-QN-N-5.0M2/SENZ-WIFI	1038284	10 m	5 m ²	SENZ-WIFI
SZ18300438	R-QN-N-6.0M2/SENZ-WIFI	1038285	12 m	6 m ²	SENZ-WIFI
SZ18300439	R-QN-N-7.0M2/SENZ-WIFI	1038286	14 m	7 m ²	SENZ-WIFI
SZ18300440	R-QN-N-8.0M2/SENZ-WIFI	1038289	16 m	8 m ²	SENZ-WIFI
SZ18300441	R-QN-N-9.0M2/SENZ-WIFI	1038290	18 m	9 m ²	SENZ-WIFI
SZ18300442	R-QN-N-10.0M2/SENZ-WIFI	1038291	20 m	10 m ²	SENZ-WIFI
SZ18300443	R-QN-N-12.0M2/SENZ-WIFI	1038292	24 m	12 m ²	SENZ-WIFI
SZ18300261	R-QN-P-1.0M2/SENZ-WIFI	1038343	2 m	1 m ²	SENZ-WIFI
SZ18300262	R-QN-P-1.5M2/SENZ-WIFI	1038344	3 m	1.5 m ²	SENZ-WIFI
SZ18300263	R-QN-P-2.0M2/SENZ-WIFI	1038346	4 m	2 m ²	SENZ-WIFI
SZ18300264	R-QN-P-2.5M2/SENZ-WIFI	1038347	5 m	2.5 m ²	SENZ-WIFI
SZ18300265	R-QN-P-3.0M2/SENZ-WIFI	1038349	6 m	3 m ²	SENZ-WIFI

Catalog Number	Item Name	E-Number	Length	Total Surface	Thermostat Included
SZ18300266	R-QN-P-3.5M2/SENZ-WIFI	1038350	7 m	3.5 m ²	SENZ-WIFI
SZ18300267	R-QN-P-4.0M2/SENZ-WIFI	1038351	8 m	4 m ²	SENZ-WIFI
SZ18300268	R-QN-P-4.5M2/SENZ-WIFI	1038352	9 m	4.5 m ²	SENZ-WIFI
SZ18300269	R-QN-P-5.0M2/SENZ-WIFI	1038353	10 m	5 m ²	SENZ-WIFI
SZ18300270	R-QN-P-6.0M2/SENZ-WIFI	1038354	12 m	6 m ²	SENZ-WIFI
SZ18300271	R-QN-P-7.0M2/SENZ-WIFI	1038355	14 m	7 m ²	SENZ-WIFI
SZ18300272	R-QN-P-8.0M2/SENZ-WIFI	1038356	16 m	8 m ²	SENZ-WIFI
SZ18300273	R-QN-P-9.0M2/SENZ-WIFI	1038357	18 m	9 m ²	SENZ-WIFI
SZ18300274	R-QN-P-10.0M2/SENZ-WIFI	1038359	20 m	10 m ²	SENZ-WIFI
SZ18300279	R-QN-N-1.0M2/T0	1038218	2 m	1 m ²	No
SZ18300280	R-QN-N-1.5M2/T0	1038219	3 m	1.5 m ²	No
SZ18300281	R-QN-N-2.0M2/T0	1038220	4 m	2 m ²	No
SZ18300282	R-QN-N-2.5M2/T0	1038223	5 m	2.5 m ²	No
SZ18300283	R-QN-N-3.0M2/T0	1038224	6 m	3 m ²	No
SZ18300284	R-QN-N-3.5M2/T0	1038225	7 m	3.5 m ²	No
SZ18300285	R-QN-N-4.0M2/T0	1038229	8 m	4 m ²	No
SZ18300286	R-QN-N-4.5M2/T0	1038254	9 m	4.5 m ²	No
SZ18300287	R-QN-N-5.0M2/T0	1038255	10 m	5 m ²	No

Catalog Number	Item Name	E-Number	Length	Total Surface	Thermostat Included
SZ18300288	R-QN-N-6.0M2/T0	1038256	12 m	6 m ²	No
SZ18300289	R-QN-N-7.0M2/T0	1038293	14 m	7 m ²	No
SZ18300290	R-QN-N-8.0M2/T0	1038294	16 m	8 m ²	No
SZ18300291	R-QN-N-9.0M2/T0	1038295	18 m	9 m ²	No
SZ18300292	R-QN-N-10.0M2/T0	1038296	20 m	10 m ²	No
SZ18300293	R-QN-N-12.0M2/T0	1038298	24 m	12 m ²	No
SZ18300294	R-QN-P-1.0M2/T0	1038339	2 m	1 m ²	No
SZ18300295	R-QN-P-1.5M2/T0	1038340	3 m	1.5 m ²	No
SZ18300296	R-QN-P-2.0M2/T0	1038341	4 m	2 m ²	No
SZ18300297	R-QN-P-2.5M2/T0	1038342	5 m	2.5 m ²	No
SZ18300298	R-QN-P-3.0M2/T0	1038365	6 m	3 m ²	No
SZ18300299	R-QN-P-3.5M2/T0	1038367	7 m	3.5 m ²	No
SZ18300300	R-QN-P-4.0M2/T0	1038371	8 m	4 m ²	No
SZ18300301	R-QN-P-4.5M2/T0	1038372	9 m	4.5 m ²	No

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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