

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	9935007881	160 W/m ²	800 W	61.3 – 71 Ω	500 mm
SZ18300303	R-QN-P-6.0M2/T0	9935007894	160 W/m ²	960 W	53.6 – 62.1 Ω	500 mm
SZ18300304	R-QN-P-7.0M2/T0	9935007904	160 W/m ²	1120 W	43.4 – 50.3 Ω	500 mm
SZ18300305	R-QN-P-8.0M2/T0	9935007917	160 W/m ²	1280 W	38.5 – 44.6 Ω	500 mm
SZ18300306	R-QN-P-9.0M2/T0	9935007920	160 W/m ²	1440 W	34.5 – 39.9 Ω	500 mm
SZ18300307	R-QN-P-10.0M2/T0	9935007933	160 W/m ²	1600 W	31 – 36 Ω	500 mm
SZ18300429	R-QN-N-1.0M2/SENZ-WIFI		90 W/m ²	90 W	531.1 – 614.9 Ω	500 mm
SZ18300430	R-QN-N-1.5M2/SENZ-WIFI		90 W/m ²	135 W	364.2 – 421.7 Ω	500 mm
SZ18300431	R-QN-N-2.0M2/SENZ-WIFI		90 W/m ²	180 W	277.2 – 321 Ω	500 mm
SZ18300432	R-QN-N-2.5M2/SENZ-WIFI		90 W/m ²	225 W	223.2 – 258.5 Ω	500 mm
SZ18300433	R-QN-N-3.0M2/SENZ-WIFI		90 W/m ²	275 W	183.7 – 212.7 Ω	500 mm
SZ18300434	R-QN-N-3.5M2/SENZ-WIFI		90 W/m ²	320 W	159.5 – 184.7 Ω	500 mm
SZ18300435	R-QN-N-4.0M2/SENZ-WIFI		90 W/m ²	360 W	140.3 – 162.4 Ω	500 mm
SZ18300436	R-QN-N-4.5M2/SENZ-WIFI		90 W/m ²	405 W	124.6 – 144.2 Ω	500 mm
SZ18300437	R-QN-N-5.0M2/SENZ-WIFI		90 W/m ²	450 W	112 – 129.7 Ω	500 mm
SZ18300438	R-QN-N-6.0M2/SENZ-WIFI		90 W/m ²	545 W	93.7 – 108.5 Ω	500 mm

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

SZ18300271	R-QN-P-7.0M2/SENZ-WIFI		160 W/m ²	1120 W	43.4 – 50.3 Ω	500 mm
SZ18300272	R-QN-P-8.0M2/SENZ-WIFI		160 W/m ²	1280 W	38.5 – 44.6 Ω	500 mm
SZ18300273	R-QN-P-9.0M2/SENZ-WIFI		160 W/m ²	1440 W	34.5 – 39.9 Ω	500 mm
SZ18300274	R-QN-P-10.0M2/SENZ-WIFI		160 W/m ²	1600 W	31 – 36 Ω	500 mm
SZ18300279	R-QN-N-1.0M2/T0	9935007658	90 W/m ²	90 W	531.1 – 614.9 Ω	500 mm
SZ18300280	R-QN-N-1.5M2/T0	9935007661	90 W/m ²	135 W	364.2 – 421.7 Ω	500 mm
SZ18300281	R-QN-N-2.0M2/T0	9935007674	90 W/m ²	180 W	277.2 – 321 Ω	500 mm
SZ18300282	R-QN-N-2.5M2/T0	9935007687	90 W/m ²	225 W	223.2 – 258.5 Ω	500 mm
SZ18300283	R-QN-N-3.0M2/T0	9935007690	90 W/m ²	275 W	183.7 – 212.7 Ω	500 mm
SZ18300284	R-QN-N-3.5M2/T0	9935007700	90 W/m ²	320 W	159.5 – 184.7 Ω	500 mm
SZ18300285	R-QN-N-4.0M2/T0	9935007713	90 W/m ²	360 W	140.3 – 162.4 Ω	500 mm
SZ18300286	R-QN-N-4.5M2/T0	9935007726	90 W/m ²	405 W	124.6 – 144.2 Ω	500 mm
SZ18300287	R-QN-N-5.0M2/T0	9935007739	90 W/m ²	450 W	112 – 129.7 Ω	500 mm
SZ18300288	R-QN-N-6.0M2/T0	9935007742	90 W/m ²	545 W	93.7 – 108.5 Ω	500 mm
SZ18300289	R-QN-N-7.0M2/T0	9935007755	90 W/m ²	630 W	81 – 93.8 Ω	500 mm
SZ18300290	R-QN-N-8.0M2/T0	9935007768	90 W/m ²	725 W	70.3 – 81.5 Ω	500 mm
SZ18300291	R-QN-N-9.0M2/T0	9935007771	90 W/m ²	800 W	63.8 – 73.9 Ω	500 mm
SZ18300292	R-QN-N-10.0M2/T0	9935007784	90 W/m ²	915 W	55.9 – 64.7 Ω	500 mm

SZ18300293	R-QN-N-12.0M2/T0	9935007797	90 W/m ²	1100 W	46.5 – 53.8 Ω	500 mm
SZ18300294	R-QN-P-1.0M2/T0	9935007807	160 W/m ²	160 W	306.8 – 355.2 Ω	500 mm
SZ18300295	R-QN-P-1.5M2/T0	9935007810	160 W/m ²	240 W	199.9 – 231.5 Ω	500 mm
SZ18300296	R-QN-P-2.0M2/T0	9935007823	160 W/m ²	320 W	151.9 – 175.9 Ω	500 mm
SZ18300297	R-QN-P-2.5M2/T0	9935007836	160 W/m ²	400 W	121.8 – 141.1 Ω	500 mm
SZ18300298	R-QN-P-3.0M2/T0	9935007849	160 W/m ²	480 W	103.1 – 119.4 Ω	500 mm
SZ18300299	R-QN-P-3.5M2/T0	9935007852	160 W/m ²	560 W	87.3 – 101 Ω	500 mm
SZ18300300	R-QN-P-4.0M2/T0	9935007865	160 W/m ²	640 W	77.6 – 89.9 Ω	500 mm
SZ18300301	R-QN-P-4.5M2/T0	9935007878	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	9935007881	10 m	5 m ²	No
SZ18300303	R-QN-P-6.0M2/T0	9935007894	12 m	6 m ²	No
SZ18300304	R-QN-P-7.0M2/T0	9935007904	14 m	7 m ²	No
SZ18300305	R-QN-P-8.0M2/T0	9935007917	16 m	8 m ²	No
SZ18300306	R-QN-P-9.0M2/T0	9935007920	18 m	9 m ²	No
SZ18300307	R-QN-P-10.0M2/T0	9935007933	20 m	10 m ²	No
SZ18300429	R-QN-N-1.0M2/SENZ-WIFI		2 m	1 m ²	SENZ-WIFI
SZ18300430	R-QN-N-1.5M2/SENZ-WIFI		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		4 m	2 m ²	SENZ-WIFI
SZ18300432	R-QN-N- 2.5M2/SENZ-WIFI		5 m	2.5 m ²	SENZ-WIFI
SZ18300433	R-QN-N- 3.0M2/SENZ-WIFI		6 m	3 m ²	SENZ-WIFI
SZ18300434	R-QN-N- 3.5M2/SENZ-WIFI		7 m	3.5 m ²	SENZ-WIFI
SZ18300435	R-QN-N- 4.0M2/SENZ-WIFI		8 m	4 m ²	SENZ-WIFI
SZ18300436	R-QN-N- 4.5M2/SENZ-WIFI		9 m	4.5 m ²	SENZ-WIFI
SZ18300437	R-QN-N- 5.0M2/SENZ-WIFI		10 m	5 m ²	SENZ-WIFI
SZ18300438	R-QN-N- 6.0M2/SENZ-WIFI		12 m	6 m ²	SENZ-WIFI
SZ18300439	R-QN-N- 7.0M2/SENZ-WIFI		14 m	7 m ²	SENZ-WIFI
SZ18300440	R-QN-N- 8.0M2/SENZ-WIFI		16 m	8 m ²	SENZ-WIFI
SZ18300441	R-QN-N- 9.0M2/SENZ-WIFI		18 m	9 m ²	SENZ-WIFI
SZ18300442	R-QN-N- 10.0M2/SENZ- WIFI		20 m	10 m ²	SENZ-WIFI
SZ18300443	R-QN-N- 12.0M2/SENZ- WIFI		24 m	12 m ²	SENZ-WIFI
SZ18300261	R-QN-P- 1.0M2/SENZ-WIFI		2 m	1 m ²	SENZ-WIFI
SZ18300262	R-QN-P- 1.5M2/SENZ-WIFI		3 m	1.5 m ²	SENZ-WIFI
SZ18300263	R-QN-P- 2.0M2/SENZ-WIFI		4 m	2 m ²	SENZ-WIFI
SZ18300264	R-QN-P- 2.5M2/SENZ-WIFI		5 m	2.5 m ²	SENZ-WIFI
SZ18300265	R-QN-P- 3.0M2/SENZ-WIFI		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		7 m	3.5 m ²	SENZ-WIFI
SZ18300267	R-QN-P-4.0M2/SENZ-WIFI		8 m	4 m ²	SENZ-WIFI
SZ18300268	R-QN-P-4.5M2/SENZ-WIFI		9 m	4.5 m ²	SENZ-WIFI
SZ18300269	R-QN-P-5.0M2/SENZ-WIFI		10 m	5 m ²	SENZ-WIFI
SZ18300270	R-QN-P-6.0M2/SENZ-WIFI		12 m	6 m ²	SENZ-WIFI
SZ18300271	R-QN-P-7.0M2/SENZ-WIFI		14 m	7 m ²	SENZ-WIFI
SZ18300272	R-QN-P-8.0M2/SENZ-WIFI		16 m	8 m ²	SENZ-WIFI
SZ18300273	R-QN-P-9.0M2/SENZ-WIFI		18 m	9 m ²	SENZ-WIFI
SZ18300274	R-QN-P-10.0M2/SENZ-WIFI		20 m	10 m ²	SENZ-WIFI
SZ18300279	R-QN-N-1.0M2/T0	9935007658	2 m	1 m ²	No
SZ18300280	R-QN-N-1.5M2/T0	9935007661	3 m	1.5 m ²	No
SZ18300281	R-QN-N-2.0M2/T0	9935007674	4 m	2 m ²	No
SZ18300282	R-QN-N-2.5M2/T0	9935007687	5 m	2.5 m ²	No
SZ18300283	R-QN-N-3.0M2/T0	9935007690	6 m	3 m ²	No
SZ18300284	R-QN-N-3.5M2/T0	9935007700	7 m	3.5 m ²	No
SZ18300285	R-QN-N-4.0M2/T0	9935007713	8 m	4 m ²	No
SZ18300286	R-QN-N-4.5M2/T0	9935007726	9 m	4.5 m ²	No
SZ18300287	R-QN-N-5.0M2/T0	9935007739	10 m	5 m ²	No

Catalog Number	Item Name	E-Number	Length	Total Surface	Thermostat Included
SZ18300288	R-QN-N-6.0M2/T0	9935007742	12 m	6 m ²	No
SZ18300289	R-QN-N-7.0M2/T0	9935007755	14 m	7 m ²	No
SZ18300290	R-QN-N-8.0M2/T0	9935007768	16 m	8 m ²	No
SZ18300291	R-QN-N-9.0M2/T0	9935007771	18 m	9 m ²	No
SZ18300292	R-QN-N-10.0M2/T0	9935007784	20 m	10 m ²	No
SZ18300293	R-QN-N-12.0M2/T0	9935007797	24 m	12 m ²	No
SZ18300294	R-QN-P-1.0M2/T0	9935007807	2 m	1 m ²	No
SZ18300295	R-QN-P-1.5M2/T0	9935007810	3 m	1.5 m ²	No
SZ18300296	R-QN-P-2.0M2/T0	9935007823	4 m	2 m ²	No
SZ18300297	R-QN-P-2.5M2/T0	9935007836	5 m	2.5 m ²	No
SZ18300298	R-QN-P-3.0M2/T0	9935007849	6 m	3 m ²	No
SZ18300299	R-QN-P-3.5M2/T0	9935007852	7 m	3.5 m ²	No
SZ18300300	R-QN-P-4.0M2/T0	9935007865	8 m	4 m ²	No
SZ18300301	R-QN-P-4.5M2/T0	9935007878	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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