

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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SZ18300437	R-QN-N- 5.0M2/SENZ- WIFI	8940405	90 W/m ²	450 W	112 – 129.7 Ω	500 mm
SZ18300438	R-QN-N- 6.0M2/SENZ- WIFI	8940406	90 W/m ²	545 W	93.7 – 108.5 Ω	500 mm
SZ18300439	R-QN-N- 7.0M2/SENZ- WIFI	8940407	90 W/m ²	630 W	81 – 93.8 Ω	500 mm
SZ18300440	R-QN-N- 8.0M2/SENZ- WIFI	8940408	90 W/m ²	725 W	70.3 – 81.5 Ω	500 mm
SZ18300441	R-QN-N- 9.0M2/SENZ- WIFI	8940409	90 W/m ²	800 W	63.8 – 73.9 Ω	500 mm
SZ18300442	R-QN-N- 10.0M2/SENZ- WIFI	8940410	90 W/m ²	915 W	55.9 – 64.7 Ω	500 mm
SZ18300443	R-QN-N- 12.0M2/SENZ- WIFI	8940412	90 W/m ²	1100 W	46.5 – 53.8 Ω	500 mm
SZ18300261	R-QN-P- 1.0M2/SENZ- WIFI	8940420	160 W/m ²	160 W	306.8 – 355.2 Ω	500 mm
SZ18300262	R-QN-P- 1.5M2/SENZ- WIFI	8940421	160 W/m ²	240 W	199.9 – 231.5 Ω	500 mm
SZ18300263	R-QN-P- 2.0M2/SENZ- WIFI	8940422	160 W/m ²	320 W	151.9 – 175.9 Ω	500 mm
SZ18300264	R-QN-P- 2.5M2/SENZ- WIFI	8940423	160 W/m ²	400 W	121.8 – 141.1 Ω	500 mm
SZ18300265	R-QN-P- 3.0M2/SENZ- WIFI	8940424	160 W/m ²	480 W	103.1 – 119.4 Ω	500 mm
SZ18300266	R-QN-P- 3.5M2/SENZ- WIFI	8940425	160 W/m ²	560 W	87.3 – 101 Ω	500 mm
SZ18300267	R-QN-P- 4.0M2/SENZ- WIFI	8940426	160 W/m ²	640 W	77.6 – 89.9 Ω	500 mm
SZ18300268	R-QN-P- 4.5M2/SENZ- WIFI	8940427	160 W/m ²	720 W	68.3 – 79.1 Ω	500 mm

SZ18300269	R-QN-P- 5.0M2/SENZ- WIFI	8940428	160 W/m ²	800 W	61.3 – 71 Ω	500 mm
SZ18300270	R-QN-P- 6.0M2/SENZ- WIFI	8940429	160 W/m ²	960 W	53.6 – 62.1 Ω	500 mm
SZ18300271	R-QN-P- 7.0M2/SENZ- WIFI	8940430	160 W/m ²	1120 W	43.4 – 50.3 Ω	500 mm
SZ18300272	R-QN-P- 8.0M2/SENZ- WIFI	8940431	160 W/m ²	1280 W	38.5 – 44.6 Ω	500 mm
SZ18300273	R-QN-P- 9.0M2/SENZ- WIFI	8940432	160 W/m ²	1440 W	34.5 – 39.9 Ω	500 mm
SZ18300274	R-QN-P- 10.0M2/SENZ- WIFI	8940433	160 W/m ²	1600 W	31 – 36 Ω	500 mm
SZ18300279	R-QN-N- 1.0M2/T0	8940440	90 W/m ²	90 W	531.1 – 614.9 Ω	500 mm
SZ18300280	R-QN-N- 1.5M2/T0	8940441	90 W/m ²	135 W	364.2 – 421.7 Ω	500 mm
SZ18300281	R-QN-N- 2.0M2/T0	8940442	90 W/m ²	180 W	277.2 – 321 Ω	500 mm
SZ18300282	R-QN-N- 2.5M2/T0	8940443	90 W/m ²	225 W	223.2 – 258.5 Ω	500 mm
SZ18300283	R-QN-N- 3.0M2/T0	8940444	90 W/m ²	275 W	183.7 – 212.7 Ω	500 mm
SZ18300284	R-QN-N- 3.5M2/T0	8940445	90 W/m ²	320 W	159.5 – 184.7 Ω	500 mm
SZ18300285	R-QN-N- 4.0M2/T0	8940446	90 W/m ²	360 W	140.3 – 162.4 Ω	500 mm
SZ18300286	R-QN-N- 4.5M2/T0	8940447	90 W/m ²	405 W	124.6 – 144.2 Ω	500 mm
SZ18300287	R-QN-N- 5.0M2/T0	8940448	90 W/m ²	450 W	112 – 129.7 Ω	500 mm
SZ18300288	R-QN-N- 6.0M2/T0	8940449	90 W/m ²	545 W	93.7 – 108.5 Ω	500 mm
SZ18300289	R-QN-N- 7.0M2/T0	8940450	90 W/m ²	630 W	81 – 93.8 Ω	500 mm

SZ18300290	R-QN-N-8.0M2/T0	8940451	90 W/m ²	725 W	70.3 – 81.5 Ω	500 mm
SZ18300291	R-QN-N-9.0M2/T0	8940452	90 W/m ²	800 W	63.8 – 73.9 Ω	500 mm
SZ18300292	R-QN-N-10.0M2/T0	8940453	90 W/m ²	915 W	55.9 – 64.7 Ω	500 mm
SZ18300293	R-QN-N-12.0M2/T0	8940454	90 W/m ²	1100 W	46.5 – 53.8 Ω	500 mm
SZ18300429	R-QN-N-1.0M2/SENZ-WIFI	8940401	90 W/m ²	90 W	531.1 – 614.9 Ω	500 mm
SZ18300430	R-QN-N-1.5M2/SENZ-WIFI	8940415	90 W/m ²	135 W	364.2 – 421.7 Ω	500 mm
SZ18300431	R-QN-N-2.0M2/SENZ-WIFI	8940402	90 W/m ²	180 W	277.2 – 321 Ω	500 mm
SZ18300432	R-QN-N-2.5M2/SENZ-WIFI	8940416	90 W/m ²	225 W	223.2 – 258.5 Ω	500 mm
SZ18300433	R-QN-N-3.0M2/SENZ-WIFI	8940403	90 W/m ²	275 W	183.7 – 212.7 Ω	500 mm
SZ18300434	R-QN-N-3.5M2/SENZ-WIFI	8940417	90 W/m ²	320 W	159.5 – 184.7 Ω	500 mm
SZ18300435	R-QN-N-4.0M2/SENZ-WIFI	8940404	90 W/m ²	360 W	140.3 – 162.4 Ω	500 mm
SZ18300436	R-QN-N-4.5M2/SENZ-WIFI	8940418	90 W/m ²	405 W	124.6 – 144.2 Ω	500 mm

Table 2/2

Catalog Number	Item Name	E-Number	Length	Total Surface	Thermostat Included
SZ18300437	R-QN-N-5.0M2/SENZ-WIFI	8940405	10 m	5 m ²	SENZ-WIFI
SZ18300438	R-QN-N-6.0M2/SENZ-WIFI	8940406	12 m	6 m ²	SENZ-WIFI
SZ18300439	R-QN-N-7.0M2/SENZ-WIFI	8940407	14 m	7 m ²	SENZ-WIFI

Catalog Number	Item Name	E-Number	Length	Total Surface	Thermostat Included
SZ18300440	R-QN-N-8.0M2/SENZ-WIFI	8940408	16 m	8 m ²	SENZ-WIFI
SZ18300441	R-QN-N-9.0M2/SENZ-WIFI	8940409	18 m	9 m ²	SENZ-WIFI
SZ18300442	R-QN-N-10.0M2/SENZ-WIFI	8940410	20 m	10 m ²	SENZ-WIFI
SZ18300443	R-QN-N-12.0M2/SENZ-WIFI	8940412	24 m	12 m ²	SENZ-WIFI
SZ18300261	R-QN-P-1.0M2/SENZ-WIFI	8940420	2 m	1 m ²	SENZ-WIFI
SZ18300262	R-QN-P-1.5M2/SENZ-WIFI	8940421	3 m	1.5 m ²	SENZ-WIFI
SZ18300263	R-QN-P-2.0M2/SENZ-WIFI	8940422	4 m	2 m ²	SENZ-WIFI
SZ18300264	R-QN-P-2.5M2/SENZ-WIFI	8940423	5 m	2.5 m ²	SENZ-WIFI
SZ18300265	R-QN-P-3.0M2/SENZ-WIFI	8940424	6 m	3 m ²	SENZ-WIFI
SZ18300266	R-QN-P-3.5M2/SENZ-WIFI	8940425	7 m	3.5 m ²	SENZ-WIFI
SZ18300267	R-QN-P-4.0M2/SENZ-WIFI	8940426	8 m	4 m ²	SENZ-WIFI
SZ18300268	R-QN-P-4.5M2/SENZ-WIFI	8940427	9 m	4.5 m ²	SENZ-WIFI
SZ18300269	R-QN-P-5.0M2/SENZ-WIFI	8940428	10 m	5 m ²	SENZ-WIFI
SZ18300270	R-QN-P-6.0M2/SENZ-WIFI	8940429	12 m	6 m ²	SENZ-WIFI
SZ18300271	R-QN-P-7.0M2/SENZ-WIFI	8940430	14 m	7 m ²	SENZ-WIFI
SZ18300272	R-QN-P-8.0M2/SENZ-WIFI	8940431	16 m	8 m ²	SENZ-WIFI
SZ18300273	R-QN-P-9.0M2/SENZ-WIFI	8940432	18 m	9 m ²	SENZ-WIFI

Catalog Number	Item Name	E-Number	Length	Total Surface	Thermostat Included
SZ18300274	R-QN-P-10.0M2/SENZ-WIFI	8940433	20 m	10 m ²	SENZ-WIFI
SZ18300279	R-QN-N-1.0M2/T0	8940440	2 m	1 m ²	No
SZ18300280	R-QN-N-1.5M2/T0	8940441	3 m	1.5 m ²	No
SZ18300281	R-QN-N-2.0M2/T0	8940442	4 m	2 m ²	No
SZ18300282	R-QN-N-2.5M2/T0	8940443	5 m	2.5 m ²	No
SZ18300283	R-QN-N-3.0M2/T0	8940444	6 m	3 m ²	No
SZ18300284	R-QN-N-3.5M2/T0	8940445	7 m	3.5 m ²	No
SZ18300285	R-QN-N-4.0M2/T0	8940446	8 m	4 m ²	No
SZ18300286	R-QN-N-4.5M2/T0	8940447	9 m	4.5 m ²	No
SZ18300287	R-QN-N-5.0M2/T0	8940448	10 m	5 m ²	No
SZ18300288	R-QN-N-6.0M2/T0	8940449	12 m	6 m ²	No
SZ18300289	R-QN-N-7.0M2/T0	8940450	14 m	7 m ²	No
SZ18300290	R-QN-N-8.0M2/T0	8940451	16 m	8 m ²	No
SZ18300291	R-QN-N-9.0M2/T0	8940452	18 m	9 m ²	No
SZ18300292	R-QN-N-10.0M2/T0	8940453	20 m	10 m ²	No
SZ18300293	R-QN-N-12.0M2/T0	8940454	24 m	12 m ²	No
SZ18300429	R-QN-N-1.0M2/SENZ-WIFI	8940401	2 m	1 m ²	SENZ-WIFI
SZ18300430	R-QN-N-1.5M2/SENZ-WIFI	8940415	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	8940402	4 m	2 m ²	SENZ-WIFI
SZ18300432	R-QN-N-2.5M2/SENZ-WIFI	8940416	5 m	2.5 m ²	SENZ-WIFI
SZ18300433	R-QN-N-3.0M2/SENZ-WIFI	8940403	6 m	3 m ²	SENZ-WIFI
SZ18300434	R-QN-N-3.5M2/SENZ-WIFI	8940417	7 m	3.5 m ²	SENZ-WIFI
SZ18300435	R-QN-N-4.0M2/SENZ-WIFI	8940404	8 m	4 m ²	SENZ-WIFI
SZ18300436	R-QN-N-4.5M2/SENZ-WIFI	8940418	9 m	4.5 m ²	SENZ-WIFI

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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