

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

Catalog Number	Item Name	Nominal Power Output	Power	Resistance Range	Width	Length	Total Surface	Thermostat Included
SZ18300261	R-QN-P-1	160 W/m ²	160 W	306.8 – 355.2 Ω	500 mm	2 m	1 m ²	SENZ-WIFI
SZ18300262	R-QN-P-1	160 W/m ²	240 W	199.9 – 231.5 Ω	500 mm	3 m	1.5 m ²	SENZ-WIFI

Catalog Number	Item Name	Nominal Power Output	Power	Resistance Range	Width	Length	TotalSurface	Thermostat Included
SZ18300263	R-QN-P-2	160 W/m ²	320 W	151.9 – 175.9 Ω	500 mm	4 m	2 m ²	SENZ-WIFI
SZ18300264	R-QN-P-2	160 W/m ²	400 W	121.8 – 141.1 Ω	500 mm	5 m	2.5 m ²	SENZ-WIFI
SZ18300265	R-QN-P-3	160 W/m ²	480 W	103.1 – 119.4 Ω	500 mm	6 m	3 m ²	SENZ-WIFI
SZ18300266	R-QN-P-3	160 W/m ²	560 W	87.3 – 101 Ω	500 mm	7 m	3.5 m ²	SENZ-WIFI
SZ18300267	R-QN-P-4	160 W/m ²	640 W	77.6 – 89.9 Ω	500 mm	8 m	4 m ²	SENZ-WIFI
SZ18300268	R-QN-P-4	160 W/m ²	720 W	68.3 – 79.1 Ω	500 mm	9 m	4.5 m ²	SENZ-WIFI
SZ18300269	R-QN-P-5	160 W/m ²	800 W	61.3 – 71 Ω	500 mm	10 m	5 m ²	SENZ-WIFI
SZ18300270	R-QN-P-6	160 W/m ²	960 W	53.6 – 62.1 Ω	500 mm	12 m	6 m ²	SENZ-WIFI
SZ18300271	R-QN-P-7	160 W/m ²	1120 W	43.4 – 50.3 Ω	500 mm	14 m	7 m ²	SENZ-WIFI
SZ18300272	R-QN-P-8	160 W/m ²	1280 W	38.5 – 44.6 Ω	500 mm	16 m	8 m ²	SENZ-WIFI
SZ18300273	R-QN-P-9	160 W/m ²	1440 W	34.5 – 39.9 Ω	500 mm	18 m	9 m ²	SENZ-WIFI
SZ18300274	R-QN-P-10	160 W/m ²	1600 W	31 – 36 Ω	500 mm	20 m	10 m ²	SENZ-WIFI
SZ18300279	R-QN-N-1	90 W/m ²	90 W	531.1 – 614.9 Ω	500 mm	2 m	1 m ²	No
SZ18300280	R-QN-N-1	90 W/m ²	135 W	364.2 – 421.7 Ω	500 mm	3 m	1.5 m ²	No
SZ18300281	R-QN-N-2	90 W/m ²	180 W	277.2 – 321 Ω	500 mm	4 m	2 m ²	No
SZ18300282	R-QN-N-2	90 W/m ²	225 W	223.2 – 258.5 Ω	500 mm	5 m	2.5 m ²	No
SZ18300283	R-QN-N-3	90 W/m ²	275 W	183.7 – 212.7 Ω	500 mm	6 m	3 m ²	No
SZ18300284	R-QN-N-3	90 W/m ²	320 W	159.5 – 184.7 Ω	500 mm	7 m	3.5 m ²	No
SZ18300285	R-QN-N-4	90 W/m ²	360 W	140.3 – 162.4 Ω	500 mm	8 m	4 m ²	No
SZ18300286	R-QN-N-4	90 W/m ²	405 W	124.6 – 144.2 Ω	500 mm	9 m	4.5 m ²	No
SZ18300287	R-QN-N-5	90 W/m ²	450 W	112 – 129.7 Ω	500 mm	10 m	5 m ²	No
SZ18300288	R-QN-N-6	90 W/m ²	545 W	93.7 – 108.5 Ω	500 mm	12 m	6 m ²	No
SZ18300289	R-QN-N-7	90 W/m ²	630 W	81 – 93.8 Ω	500 mm	14 m	7 m ²	No
SZ18300290	R-QN-N-8	90 W/m ²	725 W	70.3 – 81.5 Ω	500 mm	16 m	8 m ²	No
SZ18300291	R-QN-N-9	90 W/m ²	800 W	63.8 – 73.9 Ω	500 mm	18 m	9 m ²	No

Catalog Number	Item Name	Nominal Power Output	Power	Resistance Range	Width	Length	TotalSurface	Thermostat Included
SZ18300292	R-QN-N-10	90 W/m ²	915 W	55.9 – 64.7 Ω	500 mm	20 m	10 m ²	No
SZ18300293	R-QN-N-12	90 W/m ²	1100 W	46.5 – 53.8 Ω	500 mm	24 m	12 m ²	No
SZ18300294	R-QN-P-1	160 W/m ²	160 W	306.8 – 355.2 Ω	500 mm	2 m	1 m ²	No
SZ18300295	R-QN-P-1	160 W/m ²	240 W	199.9 – 231.5 Ω	500 mm	3 m	1.5 m ²	No
SZ18300296	R-QN-P-2	160 W/m ²	320 W	151.9 – 175.9 Ω	500 mm	4 m	2 m ²	No
SZ18300297	R-QN-P-2	160 W/m ²	400 W	121.8 – 141.1 Ω	500 mm	5 m	2.5 m ²	No
SZ18300298	R-QN-P-3	160 W/m ²	480 W	103.1 – 119.4 Ω	500 mm	6 m	3 m ²	No
SZ18300299	R-QN-P-3	160 W/m ²	560 W	87.3 – 101 Ω	500 mm	7 m	3.5 m ²	No
SZ18300300	R-QN-P-4	160 W/m ²	640 W	77.6 – 89.9 Ω	500 mm	8 m	4 m ²	No
SZ18300301	R-QN-P-4	160 W/m ²	720 W	68.3 – 79.1 Ω	500 mm	9 m	4.5 m ²	No
SZ18300302	R-QN-P-5	160 W/m ²	800 W	61.3 – 71 Ω	500 mm	10 m	5 m ²	No
SZ18300303	R-QN-P-6	160 W/m ²	960 W	53.6 – 62.1 Ω	500 mm	12 m	6 m ²	No
SZ18300304	R-QN-P-7	160 W/m ²	1120 W	43.4 – 50.3 Ω	500 mm	14 m	7 m ²	No
SZ18300305	R-QN-P-8	160 W/m ²	1280 W	38.5 – 44.6 Ω	500 mm	16 m	8 m ²	No
SZ18300306	R-QN-P-9	160 W/m ²	1440 W	34.5 – 39.9 Ω	500 mm	18 m	9 m ²	No
SZ18300307	R-QN-P-10	160 W/m ²	1600 W	31 – 36 Ω	500 mm	20 m	10 m ²	No
SZ18300429	R-QN-N-1	90 W/m ²	90 W	531.1 – 614.9 Ω	500 mm	2 m	1 m ²	SENZ-WIFI
SZ18300430	R-QN-N-1	90 W/m ²	135 W	364.2 – 421.7 Ω	500 mm	3 m	1.5 m ²	SENZ-WIFI
SZ18300431	R-QN-N-2	90 W/m ²	180 W	277.2 – 321 Ω	500 mm	4 m	2 m ²	SENZ-WIFI
SZ18300432	R-QN-N-2	90 W/m ²	225 W	223.2 – 258.5 Ω	500 mm	5 m	2.5 m ²	SENZ-WIFI
SZ18300433	R-QN-N-3	90 W/m ²	275 W	183.7 – 212.7 Ω	500 mm	6 m	3 m ²	SENZ-WIFI
SZ18300434	R-QN-N-3	90 W/m ²	320 W	159.5 – 184.7 Ω	500 mm	7 m	3.5 m ²	SENZ-WIFI
SZ18300435	R-QN-N-4	90 W/m ²	360 W	140.3 – 162.4 Ω	500 mm	8 m	4 m ²	SENZ-WIFI
SZ18300436	R-QN-N-4	90 W/m ²	405 W	124.6 – 144.2 Ω	500 mm	9 m	4.5 m ²	SENZ-WIFI
SZ18300437	R-QN-N-5	90 W/m ²	450 W	112 – 129.7 Ω	500 mm	10 m	5 m ²	SENZ-WIFI

Catalog Number	Item Name	Nominal Power Output	Power	Resistance Range	Width	Length	TotalSurface	Thermostat Included
SZ18300438	R-QN-N-6	90 W/m ²	545 W	93.7 – 108.5 Ω	500 mm	12 m	6 m ²	SENZ-WIFI
SZ18300439	R-QN-N-7	90 W/m ²	630 W	81 – 93.8 Ω	500 mm	14 m	7 m ²	SENZ-WIFI
SZ18300440	R-QN-N-8	90 W/m ²	725 W	70.3 – 81.5 Ω	500 mm	16 m	8 m ²	SENZ-WIFI
SZ18300441	R-QN-N-9	90 W/m ²	800 W	63.8 – 73.9 Ω	500 mm	18 m	9 m ²	SENZ-WIFI
SZ18300442	R-QN-N-10	90 W/m ²	915 W	55.9 – 64.7 Ω	500 mm	20 m	10 m ²	SENZ-WIFI
SZ18300443	R-QN-N-12	90 W/m ²	1100 W	46.5 – 53.8 Ω	500 mm	24 m	12 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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