

ETHERMA NST

Extra robust dipole netted heating mat for wall installation



The factory-assembled NST netted heating mat is extremely robust due to the Teflon inner and outer insulation of the heating cable. The Teflon outer sheath makes it mechanically stable and chemically resistant, making it ideal for use not only in wellness areas or spas but also as a wall heater for temperature control of walls, for heating entire rooms or for cold insulation of exterior walls. In doing so, the netted heating mats can be laid in plaster or clay on the walls and invisibly provide pleasant warmth in any room. Thanks to the low installation height, it is also ideal for renovations.



- A Resistance cables
- B Teflon inner insulation
- C Protective braid made of tin-plated copper shield
- D Teflon outer insulation

TECHNICAL DETAILS

- > Voltage: 230 V
- > Output: 130, 160, 200, 300 W/m²
- > Temperature-resistant: up to 150°C
- > Special output: on request
- > Thickness of heating conductor: approx. 3.3 mm
- > Grid type: 12.5 x 12.5 mm
- > Standard width: 50 cm
- > IP rating: IP X7
- > Safety function: Residual-current circuit-breaker, 30 mA
- > Connection cable (no plug): 4 m; 2 x 1.0 mm²/1.5 mm² + protective netting
- > Certification: CE compliant

BENEFITS OF THIS PRODUCT

- + Bespoke outputs available
- + Custom-made connection cable (no plug) available
- + Outputs of up to 300 W/m² possible

SELECTION GUIDE

NST-130 W/m²

For drainage of damp walls, as mold prevention or as insulation of cold walls.

NST-160 W/m²

As main wall heating system with standard insulation.

NST-200 W/m²

For cold insulation of particularly cold walls.

NST-300 W/m²

For heating of surfaces in wellness areas.

Netted heating mat 132-NST, 130 W/m², 230 V, IP X7

PG: M1 | DT: 1 week

Type	Item no.	Output (W)	Length (cm)	Width (cm)	m ²
132-NST5-140	40873	91	140	50	0.70
132-NST5-215	40874	140	215	50	1.08
132-NST5-320	40875	208	320	50	1.60
132-NST5-440	40876	286	440	50	2.20
132-NST5-550	40877	358	550	50	2.75
132-NST5-650	40878	423	650	50	3.25
132-NST5-770	40879	500	770	50	3.85
132-NST5-1090	40880	709	1090	50	5.45
132-NST5-1450	40881	943	1450	50	7.25
132-NST5-1840	40882	1196	1840	50	9.20

Netted heating mat 162-NST, 160 W/m², 230 V, IP X7

PG: M1 | DT: 1 week

Type	Item no.	Output (W)	Length (cm)	Width (cm)	m ²
162-NST5-120	35993	96	120	50	0.6
162-NST5-200	35994	160	200	50	1.0
162-NST5-280	35995	224	280	50	1.4
162-NST5-400	35996	320	400	50	2.0
162-NST5-560	35997	448	560	50	2.8
162-NST5-680	35998	544	680	50	3.4
162-NST5-960	35999	768	960	50	4.8
162-NST5-1280	36000	1024	1280	50	6.4
162-NST5-1660	36001	1330	1660	50	8.3

Netted heating mat 202-NST, 200 W/m², 230 V, IP X7

PG: M1 | DT: 1 week

Type	Item no.	Output (W)	Length (cm)	Width (cm)	m ²
202-NST5-115	33210	118	115	50	0.6
202-NST5-180	31085	176	180	50	0.9
202-NST5-255	32217	259	255	50	1.3
202-NST5-360	32412	358	360	50	1.8
202-NST5-525	32208	521	525	50	2.6
202-NST5-625	33215	625	625	50	3.1
202-NST5-885	32209	885	885	50	4.4
202-NST5-1180	32411	1178	1180	50	5.9
202-NST5-1485	32210	1484	1485	50	7.4

Netted heating mat 302-NST, 300 W/m², 230 V, IP X7

PG: M1 | DT: 1 week

Type	Item no.	Output (W)	Length (cm)	Width (cm)	m ²
302-NST5-98	33231	136	98	50	0.5
302-NST5-143	33353	223	143	50	0.7
302-NST5-210	33233	315	210	50	1.1
302-NST5-293	33234	441	293	50	1.5
302-NST5-428	33235	640	428	50	2.1
302-NST5-510	33236	763	510	50	2.6
302-NST5-720	33237	1080	720	50	3.6
302-NST5-960	33239	1438	960	50	4.8
302-NST5-1215	33240	1814	1215	50	6.1

Accessories – NST netted heating mat

DT: ex stock

Type	Item no.	Description	PG
KALT-TCT-1	35364	PTC thermistor for NST netted heating mat, dipole with 1.0 mm ² protective braid, price per m	A4
KALT-TCT-1.5	27469	PTC thermistor for NST and NSP-TS heating mats, dipole with 1.5 mm ² protective braid, price per m	A4
FSH-12	38128	Sensor protective pipe made of copper for SS-12 installation pipe	A2
FSH-20	26881	Sensor protective pipe made of copper for DN-20 installation pipe DN-20	A2
SS-12	38242	Installation pipe for positioning remote sensor, diameter: 12 mm, price per m	A2
MTS	30640	Installation set, comprising FSH-12 and 2.5 m SS-12 installation pipe	A2
MSTD	35508	Repair set for heating conductor of DS, D and NST netted heating mats	A4
eTOUCH-PRO-1-W	41236	Smart thermostat with Wi-Fi and app control, 5-40 °C, 16 A, white	E1
eBASIC-1	41278	Switch-mounted thermostat with control dial and app function via Bluetooth 4.2, 16 A, 5-28 °C, white	E1