



25
YEAR
Product
warranty

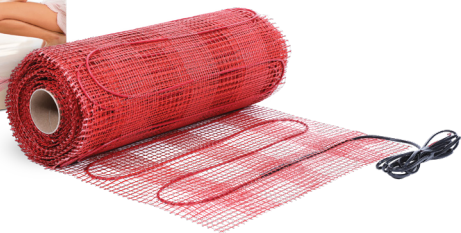
COMFORT YOU DESERVE

nVent NUHEAT Mesh
Electric Floor Heating System


nvent

NUHEAT

THE COMFORT YOU DESERVE



nVent NUHEAT Mesh is an easy-to-install and modifiable electric floor heating system best suited for square or rectangular areas where onsite adjustments are required.

The nVent NUHEAT Mesh floor heating system consists of a heating cable attached to a self-adhesive mesh which allows installers to stick the heating system onto the subfloor during the layout process. Simply roll out onto the subfloor and cut/turn the roll until the desired floor area is covered.

The nVent NUHEAT Mesh floor heating system is suitable for bathrooms, showers, kitchens, entryways and other living areas.

SPECIFICATIONS

Operating voltage	120 V
Power output	12 W/ft ²
Minimum bending radius	0.5 in
Minimum cable spacing	3 in
Maximum ambient temperature	194°F (90°C)
Minimum installation temperature	50°F (10°C)
Heating cable	2-wire, grounded, twisted pair with PVC outer jacket
Cold lead	2-wire, 16-18 AWG plus ground braid; 10 ft length

INSTALLATION



FAST FACTS

- Heats tile, stone, laminate, engineered wood, or luxury vinyl floors
- Zero EMF (electromagnetic field) cable design
- 13 kit sizes from 12 ft² to 120 ft²
- Available in 120 V
- Fiberglass, self-adhesive mesh
- Minimal effect on floor height
- Thin cold lead and connection joint
- Large variety of sizes and adaptable to any room size and shape

FAQS

Q: CAN NVENT NUHEAT MESH REPLACE MY ELECTRIC BASEBOARD HEATERS?

A: Yes, nVent NUHEAT Mesh produces 12 W/ft² for a heat output of 41 BTU/ft².

Q: CAN I USE NVENT NUHEAT MESH TO REPLACE MY HOT WATER RADIATOR?

A: Yes, nVent NUHEAT Mesh is a viable alternative to water radiators. Invisible and maintenance-free, nVent NUHEAT Mesh is a perfect heating option for renovations or additions.

Q: WILL NVENT NUHEAT MESH HEAT THE WHOLE ROOM OR JUST THE FLOOR?

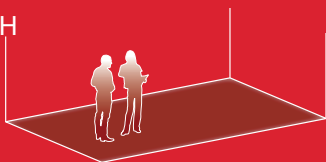
A: The whole room! nVent NUHEAT Mesh transforms the entire floor area into the room's heat source, guaranteeing even, consistent heat.

HEAT COVERAGE COMPARISON

NVENT NUHEAT MESH

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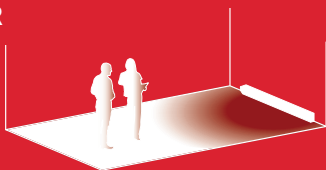
BTU/ft²



BASEBOARD HEATER

34

BTU/ft²



OPERATING COST EXAMPLE

		<i>ft</i> ²	\$*
Bathroom	5.5 hr.	50	\$0.16
Kitchen	7.5 hr.	150	\$0.65
Living Room	7.5 hr.	200	\$0.87

*Average winter operating cost. Based on US Energy Information Administration 2021 national average of \$0.1110 per kWh and modern insulation standards.



WARRANTY

GAIN EXCLUSIVE RIGHTS to offer 25-Year Total Care Warranty* for your floor heating installations. By signing up today you're on your way to distinguishing yourself through expert certification.

* Total Care Warranty is an upgrade of our product warranty and is offered exclusively at no additional cost for all installations completed by nVent NUHEAT Certified PRO installers. To learn more on how to become a nVent NUHEAT Certified PRO installer visit nVent.com.

For more information, please call: +1.800.778.WARM(9276) or email: NUHEAT.CustomerCare@nVent.com

Catalog number	ft ² Coverage*	Dimensions	Watts	Amps	Resistance
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120 V nVent NUHEAT Mesh

N1M012	12	20 in x 8 ft	139	1.2	103
N1M015	15	20 in x 9 ft	170	1.4	85
N1M025	25	20 in x 15 ft	300	2.5	48
N1M030	30	20 in x 19 ft	344	2.9	42
N1M040	40	20 in x 23 ft	442	3.7	33
N1M050	50	20 in x 29 ft	563	4.7	26
N1M060	60	20 in x 36 ft	720	6.0	20
N1M070	70	20 in x 41 ft	809	6.7	18
N1M080	80	20 in x 49 ft	947	7.9	15
N1M085	85	20 in x 52 ft	1022	8.5	14
N1M095	95	20 in x 58 ft	1161	9.7	12
N1M110	110	20 in x 65 ft	1299	10.8	11
N1M120	120	20 in x 73 ft	1461	12.2	10

* Square foot coverage based on square room with 2 in unheated border.

THERMOSTATS



nVent NUHEAT Signature

WiFi-Enabled

Floor Heating Thermostat

- WiFi-enabled
- 3.5 in Color touchscreen
- Energy usage monitor
- 7-day programmability
- Dual-voltage (120 V & 240 V)



Control4



nVent NUHEAT Home

Programmable

Floor Heating Thermostat

- 3.5 in Color touchscreen
- Energy usage monitor
- 7-day programmability
- Dual-voltage (120 V & 240 V)



nVent NUHEAT Element

Non-Programmable

Floor Heating Thermostat

- Manual temperature control
- Dual-voltage (120 V & 240 V)

All thermostats come with manufacturer's limited (3) three-year warranty (valid from the date of purchase) and built-in GFCI protection.

North America

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[nVent.com/NUHEAT](https://www.nvent.com/NUHEAT)

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