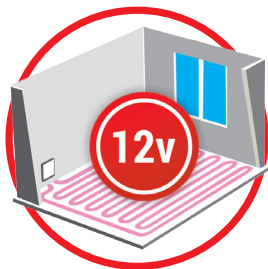




FlexHEAT Tape System

Low Voltage In-Floor Heating System

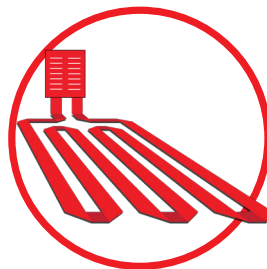
TruHeat's FlexHEAT Tape system is a next generation low voltage floor heating system making in-floor heating more energy efficient and easy to work with. Our revolutionary system is an ideal way to add even gentle heat to floors in kitchens, bathrooms, family rooms, sunrooms, or any other surrounding. Thinner than a credit card, the FlexHEAT's aluminum alloy heating tape system will not raise the floor height, and often times there is no need for self-levelers or other messy mortars for floating floors which can be installed directly on top. In addition, the ultra flexible heating tape allows the heating system to be installed even in the most unusual shaped rooms.



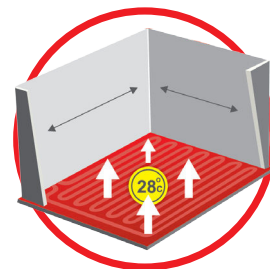
**ADDED SAFETY OF
LOW VOLTAGE**



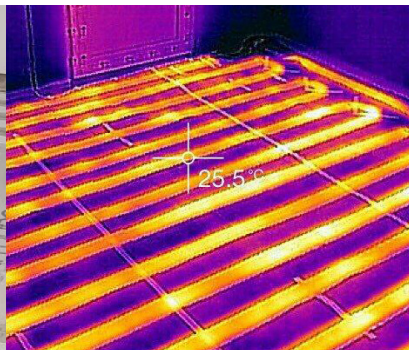
**ULTRA ENERGY
EFFICIENT**



**INSTALLS IN
ANY DIRECTION**



**GREATER FLOOR
COVERAGE**



Truly A Smarter Way To Heat

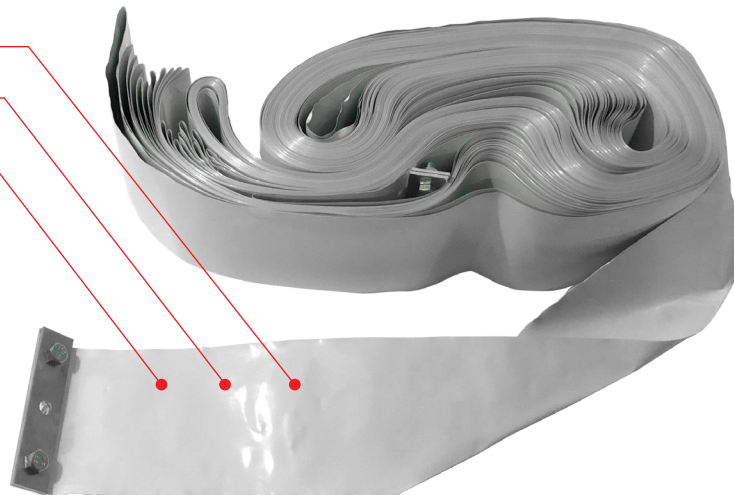


The FlexHeat tape is a patented aluminum alloy heating element which is 0.5 mm in thickness and 5-12 cm in width. Low voltage current is passed through the TruHeat tape to start working efficiently and effectively.

Paper Thin (0.5 mm thick)

Puncture Proof

Ultra Flexible



Features & Benefits

- Easy to install
- Energy efficient
- Long term savings
- Suitable for all floors
- Maximum durability
- Operates on low voltage
- Maximum temperature 28°C-30°C (82°F-86°F)

FlexHEAT Kits

Kit No.	Tape Length	Tape Width	Coverage Range	Transformer Capacity	Transformer Box Dimensions (LxWxD)
1	50 M	5 CM	6-8 Sq M (65-85 Sq Ft)	0.5 kW	30cm x 26cm x 10cm
2	75 M	5 CM	9-12 Sq M (100-130 Sq Ft)	0.75 kW	30cm x 26cm x 10cm
3	75 M	8 CM	13-17 Sq M (140-180 Sq Ft)	1 kW	30cm x 26cm x 10cm
4	100 M	8 CM	19-25 Sq M (200-270 Sq Ft)	1.5 kW	38.7cm x 35 cm x 10cm
5	120 M	10 CM	25-33 Sq M (270-355 Sq Ft)	2 kW	38.7cm x 35 cm x 10cm
6	130 M	12 CM	31-42 Sq M (330-450 Sq Ft)	2.5 kW	38.7cm x 35 cm x 10cm
7	130 M	12 CM	38-50 Sq M (400-535 Sq Ft)	3 kW	38.7cm x 35 cm x 10cm

*Coverage range is dependant how well insulated the surface is.

*Coverage area will vary for outdoor applications, roofs, and greenhouses.

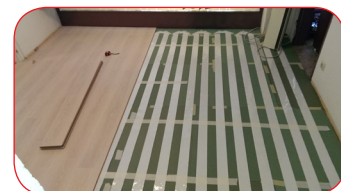
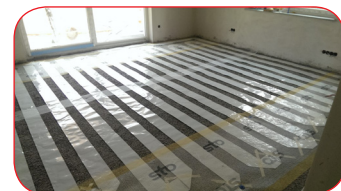
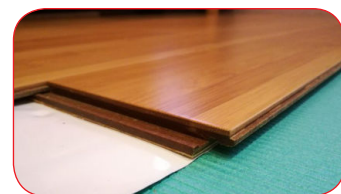
*Contact your TruHeat rep for additional details.

Energy Consumption Data

Kit No.	Primary Voltage	Primary Current	Electrical Resistance	Secondary Voltage	Secondary Current
1	120 V	4.1 A	0.46 Ω	15 V	32.6 A
2	120 V	7.4 A	0.70 Ω	25 V	35.7 A
3	120 V	7.7 A	0.52 Ω	22 V	42.3 A
4	120 V	12.1 A	0.70 Ω	32 V	45.7 A
5	120 V	16.1 A	0.67 Ω	36 V	53.7 A
6	120 V	19.7 A	0.61 Ω	38 V	62.3 A
7	120 V	24.1 A	0.61 Ω	42 V	68.8 A

*Table is based on 120 V power supply.

*System is also available in 240 V, or European standards.



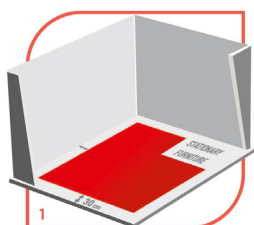
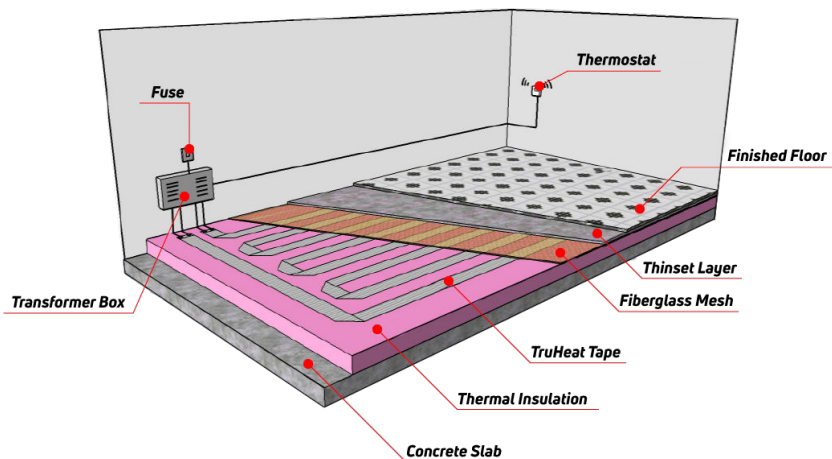
Truly A Smarter Way To Heat

www.truheatsystem.com

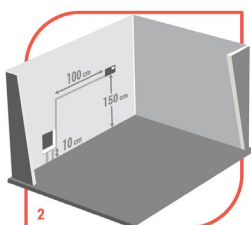
info@truheatsystem.com



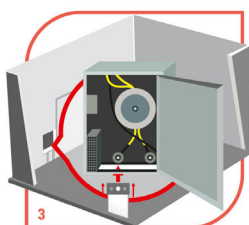
Typical Installation



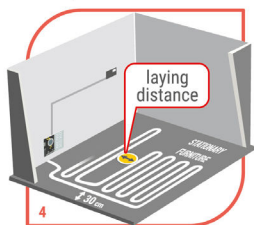
1
Outline the area of heating system placing, eliminating fixed furniture. Step back 30 cm from the walls.



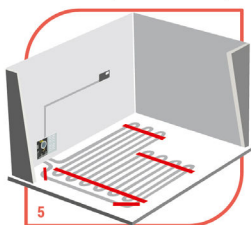
2
Prepare places for the installation of the system unit (10 cm above the floor) and thermostat (150 cm above the floor).



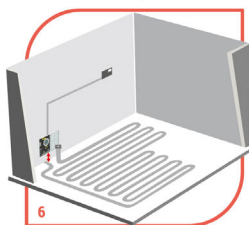
3
Install the system unit and securely fasten the 1 end of the strip in the block together with 1 cable of the power converter.



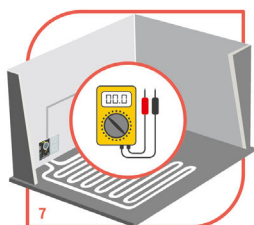
4
Begin laying the strip. The laying distance (the distance between the strips) depends on the object (it is indicated in the instruction).



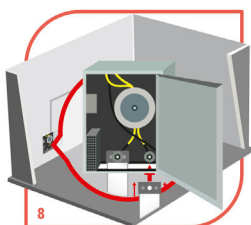
5
Fix the strip at bends to the floor with reinforced scotch tape.



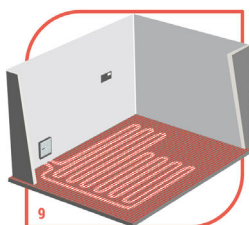
6
Lay the strip in a way that allows the second end of the strip freely enter into the system unit.



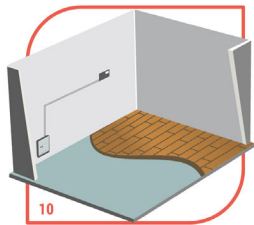
7
Using a tester, check the circuit integrity of the heating strip and the absence of damages on the strip.



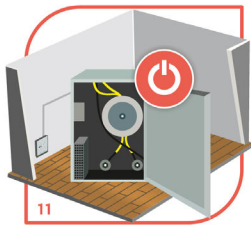
8
Securely install the 2 end of the strip in the system unit together with the 2 cable of the power converter.



9
Cover the entire area of the room over the laid strip with a facade or painting glass mesh.

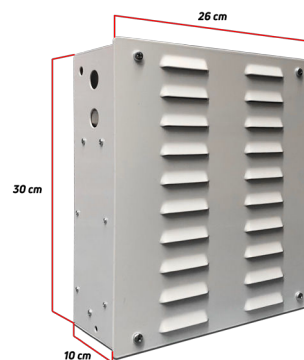


10
Apply a layer of tile adhesive or concrete screed. After drying, lay any floor covering.

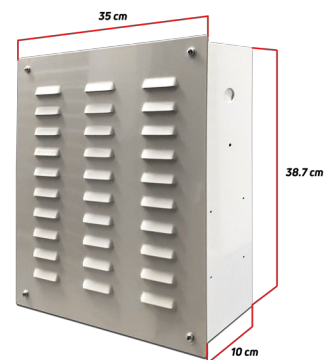


11
Connect the power converter to the system and then connect the deenergized electrical cable according to the scheme.

Transformer Box Sizes



Kits 1-3



Kits 4-7

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