



**Electric underfloor heating**



# Electric underfloor heating

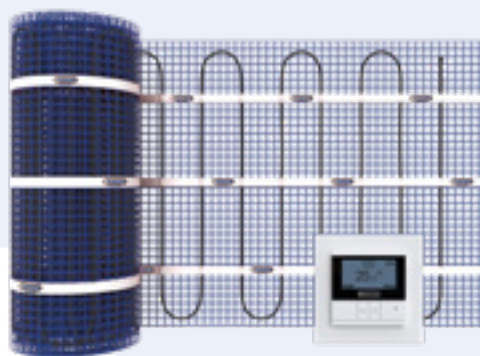
Underfloor heating is the most comfortable way of heating your property. The uniform heat radiation emitted from the entire surface area of the floor creates very even heat distribution.

Henco Electric Underfloor Heating

## Electric underfloor heating set

### UFH-ELEC-KIT

Henco Electric Underfloor Heating is supplied as a **set** available in as many as 17 different sizes from 1 to 20 m<sup>2</sup>. The kit consists of an underfloor heating mat, Wi-Fi thermostat with a floor sensor, flexible conduit for the floor sensor and multilingual installation instructions with a Check/Control card.



### Item overview

Henco item set	Item description
UFH-ELEC-150W-KIT	Electric underfloor heating mat 150 W 1 m <sup>2</sup> incl. thermostat
UFH-ELEC-225W-KIT	Electric underfloor heating mat 225 W 1.5 m <sup>2</sup> incl. thermostat
UFH-ELEC-300W-KIT	Electric underfloor heating mat 300 W 2 m <sup>2</sup> incl. thermostat
UFH-ELEC-375W-KIT	Electric underfloor heating mat 375 W 2.5 m <sup>2</sup> incl. thermostat
UFH-ELEC-450W-KIT	Electric underfloor heating mat 450 W 3 m <sup>2</sup> incl. thermostat
UFH-ELEC-525W-KIT	Electric underfloor heating mat 525 W 3.5 m <sup>2</sup> incl. thermostat
UFH-ELEC-600W-KIT	Electric underfloor heating mat 600 W 4 m <sup>2</sup> incl. thermostat
UFH-ELEC-675W-KIT	Electric underfloor heating mat 675 W 4.5 m <sup>2</sup> incl. thermostat
UFH-ELEC-750W-KIT	Electric underfloor heating mat 750 W 5 m <sup>2</sup> incl. thermostat
UFH-ELEC-900W-KIT	Electric underfloor heating mat 900 W 6 m <sup>2</sup> incl. thermostat
UFH-ELEC-1050W-KIT	Electric underfloor heating mat 1,050 W 7 m <sup>2</sup> incl. thermostat
UFH-ELEC-1200W-KIT	Electric underfloor heating mat 1,200 W 8 m <sup>2</sup> incl. thermostat
UFH-ELEC-1350W-KIT	Electric underfloor heating mat 1,350 W 9 m <sup>2</sup> incl. thermostat
UFH-ELEC-1500W-KIT	Electric underfloor heating mat 1,500 W 10 m <sup>2</sup> incl. thermostat
UFH-ELEC-1800W-KIT	Electric underfloor heating mat 1,800 W 12 m <sup>2</sup> incl. thermostat
UFH-ELEC-2250W-KIT	Electric underfloor heating mat 2,250 W 15 m <sup>2</sup> incl. thermostat
UFH-ELEC-3000W-KIT	Electric underfloor heating mat 3,000 W 20 m <sup>2</sup> incl. thermostat

Henco Electric Underfloor Heating

# Electric underfloor heating mat

UFH-ELEC

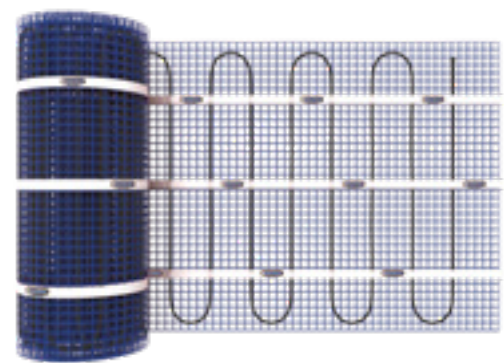
Henco Electric Underfloor Heating consists of a **unique underfloor heating mat**. The system is designed to allow underfloor heating to be installed on top of an existing tiled floor or on screed that has already been applied.

The mat is about 4 mm thick and can be incorporated in an adhesive layer without the need for demolition or routing out work. The mat is positioned almost directly below the surface. This increases the speed at which the floor heats up, which also makes the system suitable for rooms that are not permanently occupied such as bathrooms, hobby rooms, recreation rooms, etc. The heating cable on the mat is connected at the end, which means the power cable is only on one side.

## Item overview

Henco Item Mat	Item description
UFH-ELEC-1800W	Electric underfloor heating mat 1,800 W 12 m²
UFH-ELEC-2250W	Electric underfloor heating mat 2,250 W 15 m²
UFH-ELEC-3000W	Electric underfloor heating mat 3,000 W 20 m²

Included in the UFH-ELEC-KIT



## Specifications

Power	150 W / m²
Installation	Self-adhesive underside
Cable type	EMC-free twin conductor cable connected to a fibre optic network
Power cable	3.5-metre three-core power cable
Earthing	Fully encased by an aluminium earth sleeve
Connection	Unique blind connection between the heating cable and connection cable
Resistance wire	Chrome/Nickel
Insulation	PTFE (Teflon) insulation
Protective sleeve	PVC
Cable cross-section	Approx. 4 mm
Mat width	50 cm
Installation standards	Complies with current NEN standards for installation in all types of wet rooms
Processing	Easy to work with, but not to shorten!



## Installation options

- ✓ Directly on tile adhesive
- ✓ Self-levelling casting mortar
- ✓ In plaster/mortar
- ✓ Anhydrite screed floors

Henco Electric Underfloor Heating is not suitable for installing in lightweight concrete.



## Specifications

Wi-Fi function	2.4 GHz and 5 GHz
Operation	4 responsive push buttons
App	Available free for iOS and Android
Compatibility	Works with Google Assistant / Amazon Alexa
Installation	Automatic start-up menu
Sensors	Floor sensor (12 K) and built-in room sensor
Wood flooring feature	Limited to 28°C
Backup feature	Yes
Time settings	Automatic summer time & winter time
Programmes	Multi-programme features (2 periods/day)
Language options	Multiple languages available
Power	Max. 3,600 W (24 m²)
Processing	Easy to work with, but not to shorten!

This system's minimum installation height means it can be installed on an **existing floor** or even incorporated **in the wall**. Wood and laminate floors require systems that ensure temperatures remain below **28°C** due to the (natural) characteristics of these types of floor.

Henco Electric Underfloor Heating

## Electric underfloor heating thermostat

UFH-ELEC-THERM-W ○

UFH-ELEC-THERM-B •

The advanced **Wi-Fi thermostat** takes into account the time the floor needs to heat up, so it is always at the right temperature at the desired time.

Our thermostat is designed to take into account the highly variable climate in which the outside temperature can fluctuate considerably within a few hours. This requires control equipment that responds quickly and accurately. Our thermostats think ahead and calculate the required heating times and the amount of energy needed.

## Item overview

Henco Item thermostat	Item description
UFH-ELEC-THERM-W	Electric underfloor heating thermostat in white
UFH-ELEC-THERM-B	Electric underfloor heating thermostat in black

Included in the UFH-ELEC-KIT

