

Cable Kit 500



Cable Kit 500 is our most energy efficient underfloor heating kit ever. The kit includes all you need for the installation, including our new thermostat [EB-Therm 500](#). Together with the [EB-Connect WiFi](#) accessory, you also have the option of controlling the underfloor heating via the Ebeco Connect app or open API. We call it [WiFi READY](#).

WiFi READY – Our new underfloor heating concept

Our WiFi READY concept presents a unique opportunity for the fitter to offer the customer a flexible and complete underfloor heating solution. Now we give you and your customer the freedom to choose. An underfloor heating kit - with or without wifi.

The concept is simple. The [EB-Therm 500](#) is wifi ready and using the EB-Connect WiFi accessory, the underfloor heating system can easily be controlled with the Ebeco Connect app. It is also possible to control the installation via open API.

Download the app for free here:



Efficient control of underfloor heating

The underfloor heating is controlled with the [EB-Therm 500](#) thermostat. The thermostat is easy to install and manage, and has been developed with the fitter's best in focus. With its clear Start-Up Guide and menu system, it facilitates both the fitter and the user.

[EB-Therm 500](#) has individually adjustable and energy saving programs, making it easy for you to control underfloor heating efficiently from an energy-saving perspective. The thermostat has room and floor sensors plus a built-in countdown timer feature that shows when the underfloor heating can be started after securing with filler. The EB-Therm 500 supports eight different sensor types and fits in the most common frame systems.

Easy to install

We focused on making it easier for you as a fitter when we developed Cable Kit 500. All you need for the installation is in the kit. The heating cable is thin and only adds 4 mm in height. It is flexible and easy to bend, making installation simple. The connecting cable and heating cable sheathing are also halogen free. The cable is glued to the substrate.

Also try our new heating cable clamp [Cable Clip](#), designed for mesh reinforcement. Cable Clip is attached to the mesh and the heating cable is then mounted directly into the clamp. With Cable Clip, you save time, money and above all your knees!

Underfloor heating for all types of flooring and surfaces

Our floor heating can be installed under almost all types of flooring materials but be sure to follow the floor manufacturer's instructions. [Read more about our tips for different rooms and floors.](#)

Underfloor heating can be installed on top of existing floor structures, such as concrete, plasterboard or chipboard. The cable is then laid in a thin layer of filler. It can also be laid in wooden joists. Cable Kit 500 can also be installed for use in patios.

Maximum power for different substrates

- On concrete subflooring: 160 W/m²
- On flammable subflooring: 120 W/m²

Saving energy using insulation

For a really energy efficient alternative, we recommend installing Cable Kit 500 together with insulating [Cable Board](#). The systems are optimised to be used together and can give savings of up to 35% in energy consumption compared with an uninsulated system. Read more on how you can [energy optimise your underfloor heating installation](#).

TECHNICAL INFORMATION:

THE KIT INCLUDES: Cable on drum, practical drum holder, thermostat [EB-Therm 500](#), spiral tube, glue sticks.

Subflooring	Concrete, plasterboard, chipboard, wooden joists
Floor material	Floor tiles, natural stone, wood, laminate, plastic matting
Room type	Wet room, dry room, outdoor
Possible installed output	75-160 W/m ²
Minimum cc-distance	7 cm on concrete / 9 cm on flammable
Cable diameter	c. 4 mm
Minimum bend radius	25 mm
Cold cable length	2.5 m
Cable type	2-wire with shielding
Connection voltage	230 V
Lowest installation temp	Cable: -5 °C Tape: +18 °C
Approval	CE

[Read more about installation and warranties for our underfloor heating.](#)

ARTICLETABLE:

Item number	Output	Length	Area with 75 W/m ²	Area with 110 W/m ²	Area with 140 W/m ²	Area with 160 W/m ²
			c/c 15 cm	c/c 10 cm	c/c 8 cm*	c/c 7 cm*
8961080	100 W	8,9 m	1,3 m ²	0,8 m ²	0,7 m ²	0,6 m ²
8961081	150 W	13,5 m	2,0 m ²	1,35 m ²	1,1 m ²	0,9 m ²
8961082	200 W	18,5 m	2,7 m ²	1,85 m ²	1,5 m ²	1,3 m ²
8961083	260 W	23 m	3,4 m ²	2,3 m ²	1,8 m ²	1,6 m ²
8961084	330 W	31 m	4,4 m ²	3,1 m ²	2,3 m ²	2,1 m ²
8961085	400 W	37 m	5,3 m ²	3,7 m ²	2,8 m ²	2,5 m ²
8961086	470 W	43 m	6,3 m ²	4,3 m ²	3,4 m ²	3,0 m ²
8961087	540 W	49 m	7,2 m ²	4,9 m ²	3,9 m ²	3,4 m ²
8961088	650 W	58 m	8,7 m ²	5,8 m ²	4,7 m ²	4,1 m ²
8961089	810 W	73 m	10,7 m ²	7,3 m ²	5,8 m ²	5,0 m ²
8961090	960 W	86 m	12,8 m ²	8,6 m ²	6,9 m ²	6,0 m ²
8961091	1180 W	107 m	16,05 m ²	10,7 m ²	8,4 m ²	7,4 m ²
8961092	1380 W	124 m	18,3 m ²	12,4 m ²	9,8 m ²	8,6 m ²
8961093	1710 W	155 m	22,7 m ²	15,5 m ²	12,2 m ²	10,7 m ²
8961094	2080 W	187 m	27,7 m ²	18,7 m ²	14,9 m ²	13,0 m ²

* Endast mot betongunderlag

KOMPLETTERINGSSATS - Köp ett vanligt kit plus detta när det största kitet inte räcker till. Termostat ingår ej.

Artikelnr	Effekt	Längd	Yta vid	Yta vid	Yta vid	Yta vid
			75 W/m ² c/c 15 cm	110 W/m ² c/c 10 cm	140 W/m ² c/c 8 cm*	160 W/m ² c/c 7 cm*
8960890	1180 W	107 m	16,05 m ²	10,7 m ²	8,4 m ²	7,4 m ²

GARANTI:



We give a 12 year basic guarantee on everything included in the underfloor heating pack. Also applies to Ebeco's insulating boards that are installed in combination with the underfloor heating. Our guarantee covers 100% of the attendant costs of any damage.

Ebeco AB provides a 5-year product warranty for supplied thermostats.

We also give you the opportunity to extend the warranty period for the underfloor heating to 25 years if you [register on our form](#). The warranty on the thermostat remains at 12 years however. All terms and conditions may be found in the [warranty certificate](#).

ACCESSORY:

EB-Connect WiFi

EB-Connect WiFi is the accessory that turns the EB-Therm 500 into a WiFi thermostat. Enables control of underfloor heating via the Ebeco Connect app or open API.



Item number	Name
8581604	EB-Connect WiFi

Cable Clip

Cable clip is a quick and simple solution that helps you install our Cable Kit and Cableflex floor heating cables. Used on reinforcing mesh 2,5 mm.



Item number	Quantity	Enough for
8960958	250 pcs	circa 4 m ²

Fixing tape

Fixing tape used for installing Ebeco Cable Kit. Sufficient tape for about 4 m². (Included in Cable Kit 300/200.)



Item number	Name	Dimensions
8960545	Fixing tape	15 mm x 25 m

Cable Board

For energy-efficient underfloor heating under a tile floor. Specially designed for Cable Kit.



Item number	Length	Width	Thickness	Area/board	Number of boards/frp	Total area/pk
8960180	1200 mm	600 mm	20 mm	0.72 m ²	5	3.6 m

Heightening frame

Ebeco's EB-Therm thermostats are designed for recessed or surface fitting. A heightening frame is used for surface fitting. The heightening frame is suitable for all EB-Therm models.

Item number	name	Dimensions	Colour
8581686	Heightening frame Ebeco	87x87x29 mm	White (RAL 9003)



Primer +

Primer + is used for installing Cable Kit, Cable Board or Thermoflex Kit on existing floors (chipboard, plasterboard or concrete). Sufficient for approx. 25 m².

Item number	Item
8960550	Primer +, 1 litre



Adesilex P4

Flow fix. Used for installing Ebeco Cable Board. Sufficient for approx. 1.5 m² for fixing insulation board, filling grooves and tiling.

Item number	Name
8960184	Flow fix Adesilex P4, 20 kg



Metal cable carrier

For installation of heating cable in wooden joist frames.

Art. No	Article	Dimensions
8960390	Metal cable carrier	70x15x15 mm (folded)

Galvanised plaster mesh

For reinforcement when filling in wet rooms or for installing Ebeco Cable Kit in wooden joists.

Item number	Name	Dimensions
8960394	Galvanised plaster mesh	0.8 x 1.2 m
8960392	Galvanised plaster mesh	1 x 10 m (roll)

