

EB-Therm 55



Underfloor heating thermostat with analogue control knob. EB-Therm 55 is the solution when you want a simple thermostat.

All our thermostats are digital and microprocessor controlled. This technology means that the thermostat collects data from the time it is started up and uses this to calculate when to turn on and off. This keeps temperature fluctuations to a minimum, which gives an even heat and lower energy consumption. The temperature in the floor fluctuates less than +/- 0.3 °C.

The EB-Therm 55 thermostat is now equipped with a room sensor and can be used in three different ways: as a floor thermostat, room thermostat or a combination of the two.

TECHNICAL INFORMATION:

The pack includes: front and frame suitable for Schneider Exxact, front for ELKO Plus/RS and floor sensor 3 m.

Connection voltage	230 VAC ±10 % ~ 50 Hz
Air temperature range	+10 °C to +45 °C
Floor temperature range	+10 °C to +45 °C
Temperature limiter	+25 °C to +45 °C
Circuit-breaking capacity	3680 W / 16 A / 230 VAC
Connection cable	max 2.5 mm ²
Load	Cos φ = 1
Connection difference	±0.3 °C
Back-up*	36 h
Sensor cable	3 m, NTC 10 kΩ
Max extension sensor cable	50 m, 2 x 1,5 mm ²
Display dimensions	36 x 29 mm
Thermostat dimensions	87 x 87 x 40 mm
Suitable for frame systems	Schneider Exxact, ELKO Plus/RS
Colour	White
Enclosure class	IP21
Approval	CE

ARTICLETABLE:

Item number	Name	Dimensions
8581605	EB-Therm 55	87x87x40 mm

GARANTI:



Ebeco AB provides a 5-year product warranty covering material faults for our control units. [All terms and conditions is found here.](#)

ACCESSORY:

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)



Backplate

If the existing frame does not cover the hole, the thermostat is fitted in a back plate; Backplate. Backplate is suited to the Eljo Trend frame system.

Item number	Name	Dimension	Colour
8581697	Backplate ELJO trend	86x86x6 mm	White (RAL 9010)
8581687	Backplate Ebeco frame	88x88x4.4 mm	White (RAL 9003)



Sensor cable

Sensor cable for thermostat. Included in thermostat pack.



Item number	Name	Length
8581671	Sensor cable	3.0 m
8581684	Sensor cable	6.0 m

Spiral tube

Spiral tube for thermostat sensor cable. End connection ensures that fixing and sealing compounds cannot enter. Ebeco Adapter (E 89 605 51), which makes it easier to handle the transition between box and spiral tube when installing a thermostat, is not included.

Item number	Name	Length	DI	DY
8960541	Spiral tube for thermostat sensor	2.5 m	7.5mm	10.0mm

