

Owners Guide

Thank you for choosing the HandyHeat 230 thermo-stat for floor heating.



HandyHeat 230 Description

The HandyHeat 230 thermostat is suited for the LK FUGA system of wall boxes and frames.

HandyHeat 230 is operating with an external Floor probe, supplied along with the thermostat.

The floor probe can be extended up to 50 metres by a 0,75 mm² power cable.

The HandyHeat 230 is equipped with an ON/OFF power switch.

LED lamp:

Green light: Thermostat is switched ON and Heat is switched OFF

Red light: Heat is switched ON

Wooden floors: HandyHeat DVTH 131/132 Thermostats is recommended.

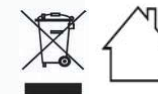
Guarantee

HANDYHEAT® Two (2) year limited guarantee
This product is guaranteed against workmanship defects for a two year period, following the initial date of purchase. During this period, HandyHeat will repair, replace, at our option and without charge, any defective products, which have been used under normal conditions.

The guarantee does not cover delivery costs and does not apply to poorly installed or randomly damaged following installation. This guarantee cancels and replaces any other manufacturers express or implied guarantee as well as any other company commitment.

HandyHeat cannot be held liable for related random damages following the installation of this product. The defective product as well as the purchase invoice must be returned to the place of purchase or mailed, prepaid and insured, to the nearest location.

If you have any questions concerning installation of HandyHeat 230, call our technical support team at:



1/. "Type 2.B action"
2/. "This symbol indicating separate collection for electrical and electronic equipment."

HANDYHEAT®
DANSK VARMEKABEL A/S
Lundagervej 102
DK-8722 Hedensted
Denmark

Tel. +45 7675 8030
Fax +45 7675 8032
Email: info@handyheat.dk
www.handyheat.dk

Product of Denmark

1 HandyHeat 230 Installation

General:

The installation is a part of the house fixed power wiring. The House power wiring must always include an RCD Failure current detection unit.

Make the wiring according to the wiring diagram on back of the thermostat.

Connect the heating cable's shielding wire to the Earth wire.

2 HandyHeat 230 Location

The may be installed from 10 cm to 160 cm above floor level.

It is recommended to install the thermostat in well ventilated rooms.

In rooms with bad ventilation, the thermostat must be placed outside the room.

In bath rooms, installation near to the WC or shower is not allowed, due to the risk for water condensation and splashes of water.

3 Floor probe

The floor probe shall be installed in a flexible conduit. Remember to cover the end to avoid concrete, cement and other to penetrate into the conduit.
Minimum bent radius of conduit is 60 mm.
Floor probe TH resistance values at temperatures

Resistance 15°C: 14,7 Kohm
Resistance 25°C: 10,0 Kohm
Resistance 30°C: 8,3 Kohm



Open

4 Technical data

Model: HandyHeat 230

Temperature range: 5 to 35 °C

Temperature difference: +/-0,5 °C

Supply: 230 VAC 50 Hz

Load: 3680 Watt (resistive only)

Storage: -20°C to 50°C

Protection: Class 2

Protection degree: IP20

Environment: ROHS

Size: (H x W x D):

Terminals for flexible conductor wire between 0,33 to 4 mm²