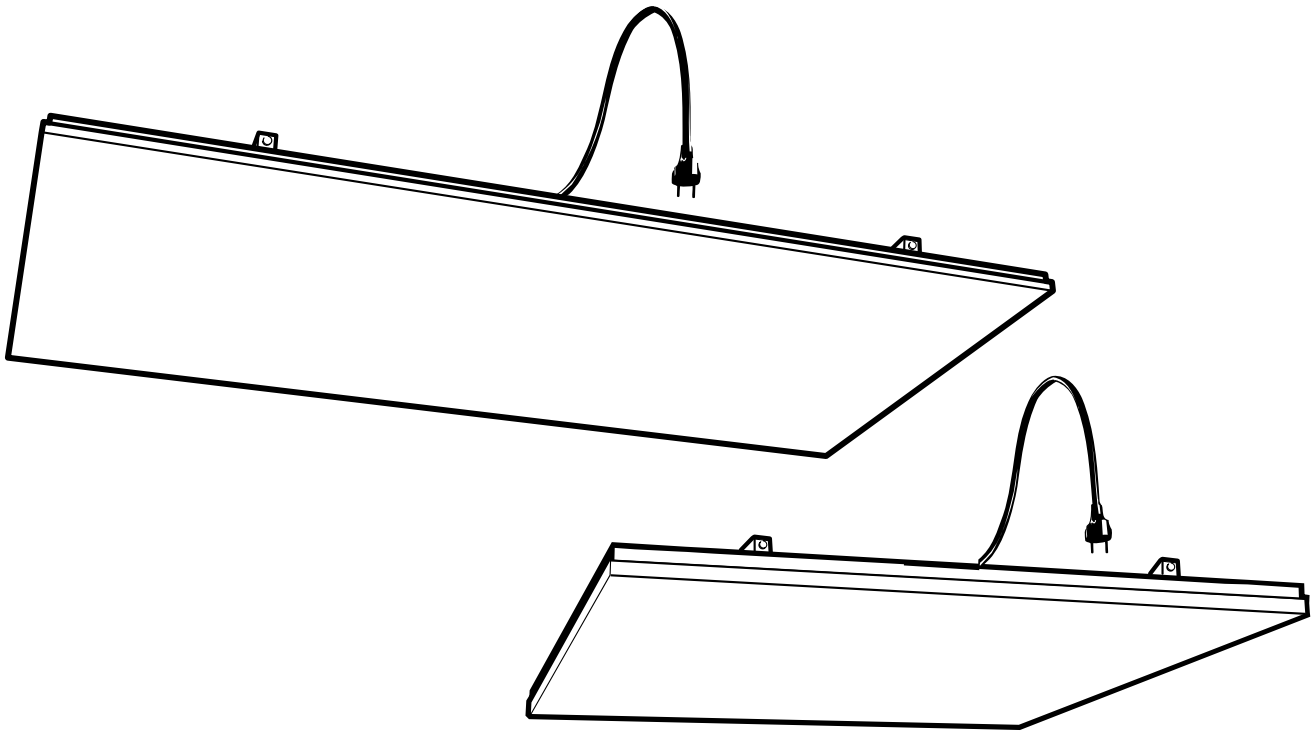
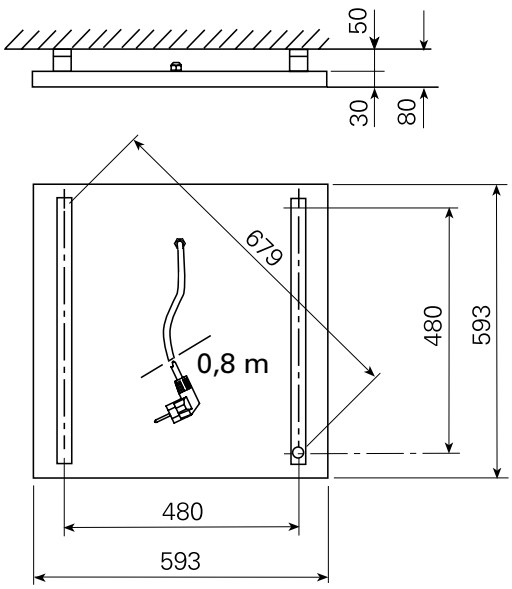
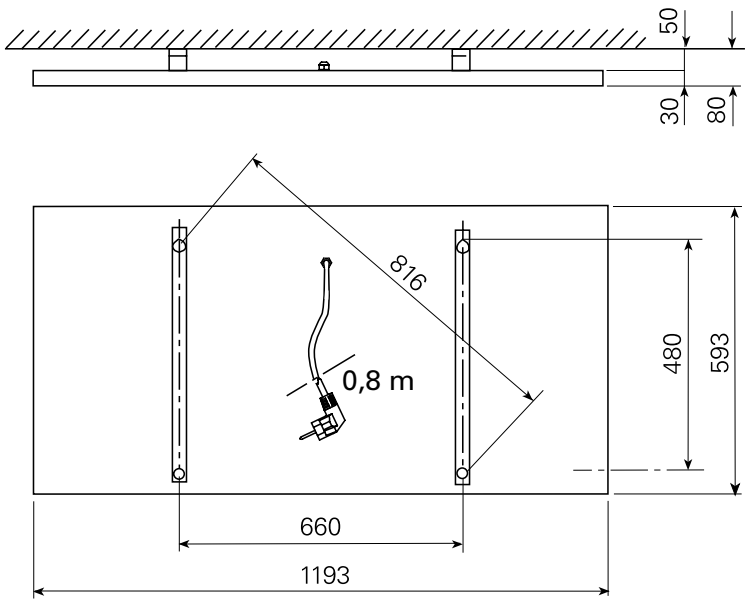
Thermocassette HP



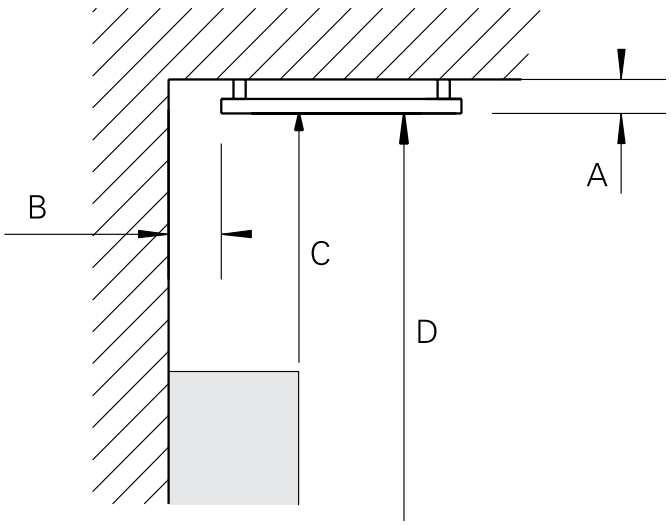
HP3



HP6



Minimum mounting distance



	Min.distance [mm]
Ceiling (A)	80
Wall, long side of the unit (B)	50
Wall, short side of the unit (B)	50
Flammable material (C)	500
Floor (D)	1800

Fig. 1: Minimum mounting distance

Mounting

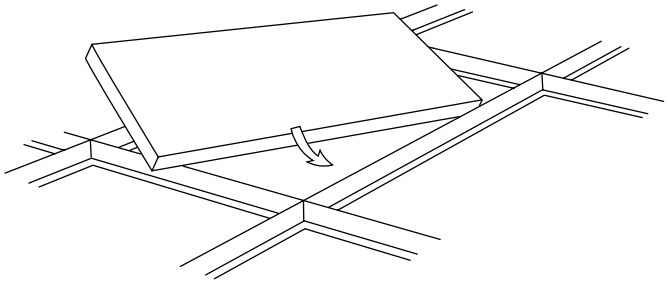


Fig. 1

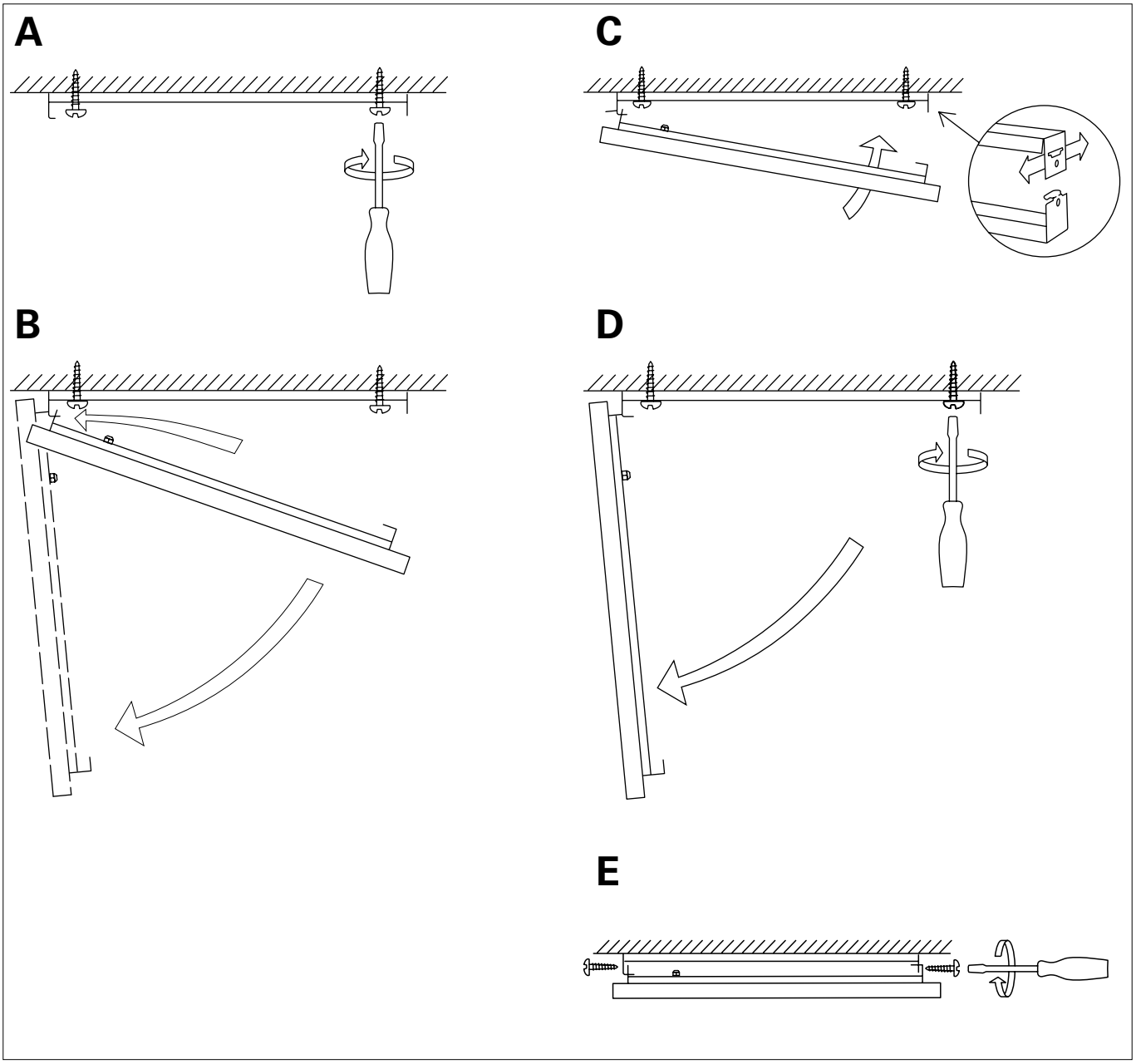


Fig. 2

Technical specifications | Thermocassette HP.

Type	E-nr [SE]	EL-nr [NO]	Output (1) [W]	Voltage (2) [V]	Amperage (3) [A]	Max. surface temperature (4) [°C]	Weight (5) [kg]
HP3	85 700 21		300	230V~	1,3	100	5,8
HP6	85 700 34		600	230V~	2,6	100	10,7

Protection class: (IP55), jet-proof design.
CE compliant.
Complies with the requirements for flammable areas according to SEMKO 111FF.

(1)
SE: Effekt
GB: Output
NO: Effekt
FR: Puissance
DE: Heizleistung
RU: Мощность
FI: Lämmitysteho

(2)
SE: Spänning
GB: Voltage
NO: Spenning
FR: Tension
DE: Spannung
RU: Напряжение
FI: Jännite

(3)
SE: Ström
GB: Amperage
NO: Strøm
FR: Intensité
DE: Stromstärke
RU: Ток
FI: Virta

(4)
SE: Maximal yttemperatur
GB: Max. surface temperature
NO: Maksimal overflatetemp.
FR: Température de surface
DE: Max. Oberflächentemperatur
RU: Max. температура поверхности
FI: Suurin pintalämpötila

(5)
SE: Vikt
GB: Weight
NO: Vekt
FR: Poids
DE: Gewicht
RU: Вес
FI: Paino

Accessories

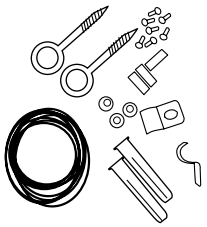

ERP


T10S


TKS16

TD10

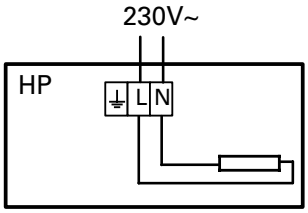

KRT1900


74701

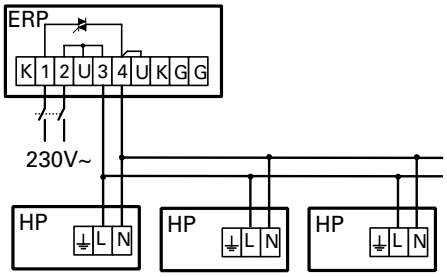
Type	E-nr [SE]	EL-nr [NO]	HxWxD [mm]
ERP	85 820 05	54 328 86	153x94x43
ERPS	85 820 10	54 328 90	153x94x43
T10S	85 809 33	54 911 12	80x80x31
TKS16	85 809 37	54 911 51	80x80x39
TD10	85 809 39	54 911 39	80x80x31
KRT1900	85 810 12	54 910 50	165x57x60
74701	85 744 90	54 323 30	

Wiring diagrams HP

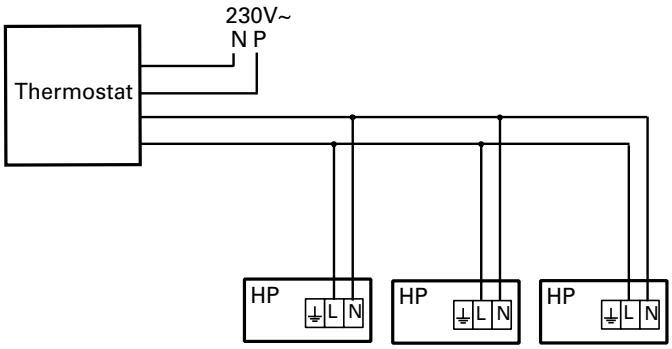
Internal wiring diagram



Output control



Control by thermostat



Mounting and assembly instruction

General Instructions

Read these instructions carefully before installation and use. Keep this manual for future reference.
The product may only be used as set out in the assembly and operating instructions. The guarantee is only valid if the product is used in the manner intended and in accordance with the instructions.

Area of use

The heating panel is intended for the heating of rooms requiring free walls. The panel can be used for complete heating, or as an additional heater (e.g. over a reception desk or other work place).

There are two ratings: 300 W and 600 W.

The heating panel provides mainly radiation heating. This implies that to obtain the same experienced temperature it is possible to reduce the air temperature in the room, which saves energy.

Because of the low surface temperature, max 100°C, the heating panel is suitable for rooms with relatively low ceiling height. Thanks to the location, the panel is protected from any physical contact or damage. There is no risk of being burned.

Design

One or more units have to be connected to power line with a differential circuit breaker rated at 30 mA. The cable section has to be at least 1,5 mm^2.

If the units are to be extra insulated, then this insulation must not exceed a value of R=5 m^2K/W.

Mounting

Integrated in ceiling (put in exposed grid)
See fig. 1

1. Lateral distance to wall shall be at least 50 mm.
2. The heater(s) should only be wired by a competent electrician, and in accordance with existing national regulations.
3. Place the cassette in the required ceiling square. Minimum design height ”H” for dismounting, T-profile 32x15: 150 mm, T-profile 38x24: 200 mm. NOTE! Avoid fixing vertical bars in the T-profile where a heating panel is to be installed. The panel fills out the whole square.
4. Connect the panel.
5. The second last page in this mounting instruction is to be filled out and fixed adjacent to the distribution board and it has to contain (drawing) the locations of the heating units.

Bracket mounting
See fig. 2

1. Mounting height above floor shall be at least 1,8 m, and lateral distance to wall at least 50 mm. When mounting in gypsum board, make sure that the mounting brackets are anchored in the beam behind. During long-term high temperatures the strength of the board is reduced.
2. The heater(s) should only be wired by a competent electrician, and in accordance with existing national regulations.
3. Measure, drill and screw the two loose brackets to the ceiling. Do not tighten the screws yet. It is important that the holes come at right angles, cross measure. (fig. 2A)
4. Hook the panel brackets to the ones on the ceiling (only the side nearest to the cable gland). Allow panel to hang vertical. (fig. 2B)
5. Connect the panel.
6. Swing up the panel, and adjust the lateral position of the ceiling mounted brackets. (fig. 2C)
7. Swing down the panel and tighten the screws in the ceiling. (fig. 2D)
8. Swing up the panel again and hook the panel bracket ends in the ceiling brackets. NOTE! Make sure that the brackets do not become unhooked at the other end.
9. Secure the panel with a screw (enclosed on delivery) at each hanging point. (fig. 2E)
10. The second last page in this mounting instruction is to be filled out and fixed

adjacent to the distribution board and it has to contain (drawing) the locations of the heating units.

Replacement of cable

1. Because of limitations in the IP55 category the cable cannot be changed.
2. If the cable is damaged the unit has to be scrapped.

Safety

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

Place this drawing adjacent to the distribution board

OBS!
– do not restrict the thermal emission of the heated ceiling
– do not affix materials other than those recommended
– do not insert nails or screws

HP3, 300W, 220-240V
HP6, 600W, 220-240V

Drawing of the installation

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