



Technical data sheet

# Bi-O Thermat

**Sauna heater with vaporizer for domestic sauna cabins. Wall-mounting.**

Universal sauna heater with integrated vaporizer - enjoy flexible sauna climate of your choice, from hot & dry to mild & steam, herbal bath and much more. Thanks to the new top made of die-cast aluminium with anthracite pearleffect coating Thermat heaters offer a timeless, elegant design.

## Your advantages:

- Universal sauna heater for dry & steamy sauna.
- Flexible sauna climate settings to user's preference.
- Optimal relation between stone volume and air convection system for fast heat-up times and powerful water infusions.
- Contemporary, elegant die-cast aluminium top.
- Scratch resistant anthracite pearl effect powder-coating.
- Made in Germany quality from EOS.

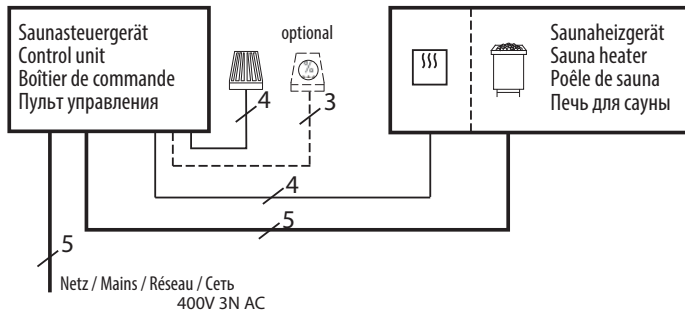
## Specifications:

Outer shell:	Steel with anthracite pearl effect powder-coating (scratch-resistant)
Inner shell:	Corrosion-resistant aluminium-coated steel
Top:	Aluminum die-cast top, anthracite pearl effect coated
Rear wall:	Zinc-plated steel
Stone support grill:	Stainless steel
Terminal box:	Zinc-plated steel, corrosion-resistant
Vaporizer:	1,5 kW, 5 l stainless steel tank, manual filling, with acoustic water shortage alarm
Power range:	6,0, 7,5 and 9,0 kW
Power supply:	400 V 3N AC 50 Hz
Stone filling:	15 kg, incl. in delivery
Installation:	Wall-mounted heater

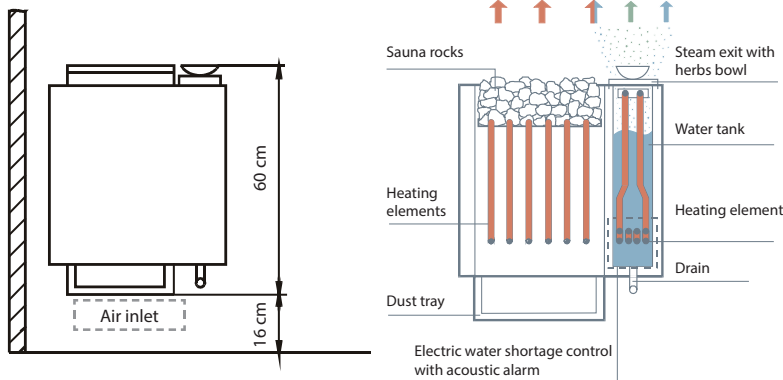
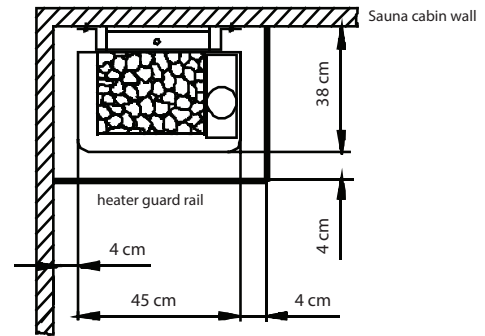


CE IPx4 MADE IN GERMANY

### Connection diagram



### Minimum clearances



### Technical specifications

Power rating	Electrical connection	Connection mains - control unit	Connection control unit - sauna heater
6,0 kW	3N AC 50 Hz 400 V	5 x 2,5 mm <sup>2</sup>	5 x 1,5 mm <sup>2</sup> (to heater) 4 x 1,5 mm <sup>2</sup> (to vaporizer)
7,5 kW			
9,0 kW			

All cross sections of a line are minimum diameters in mm<sup>2</sup> (copper wire)

**ATTENTION:** Make sure to prove in advance the the local level of water hardness. Regular visual inspection and descaling are required for the vaporizer section of the heater. Sauna essences should not be added directly into the water tank! Avoid operation of the vaporizer with low water level to prevent overheating. Always empty the tank after each use.

### Spare heating elements

Description	Item no.
For 6,0 kW (4 x 1500 W)	2000.8085
For 7,5 kW (5 x 1500 W)	2000.8085
For 9,0 kW (6 x 1500 W)	2000.8085
Vaporizer element 1500 W	2001.3335

### Suitable sauna control units

Model	Item no.
Econ H1	94.5203
Econ H2	94.5205
Econ H3	94.5550
Emotec H	94.5560
EmoTouch II+	94.5561

Item no.	Colour	Power output	vaporizer	Electrical connection	Fuse protection (control unit)	Dimensions H/B/T, in cm	for sauna cabin size	Min. size air inlet and outlet	Weight without rocks	Stone filling	Power extension required
94.5484	Anthrazit Perleffekt	6,0 kW	1,5 kW 5 l	3N AC 50 Hz 400 V	3 x 16 A	60 / 45 / 38	6 - 8 m <sup>3</sup>	35 x 4 cm	15,5 kg	15 kg	no
94.5485		7,5 kW					7 - 10 m <sup>3</sup>	35 x 5 cm	16,0 kg		
94.5486		9,0 kW					9 - 14 m <sup>3</sup>	35 x 6 cm	16,5 kg		