



Technical data sheet

Bi-O Filius

**Sauna heater for domestic sauna cabins.
Wall-mounting model.**

Compact sauna heater with integrated vaporizer for flexible climate forms - from dry & hot to mild & humid. With only 24 cm depth the Bi-O Filius heater saves valuable space in the sauna and still offers a fairly large 8 kg rock store. The vaporizer may be placed on the left and on the right side.

Your advantages:

- Integrated vaporizer with herbs & essences bowl.
- Vaporizer may be placed on the left and on the right side.
- Compact, extra slim design - only 24 cm depth.
- 8 kg large rock store for temperature stability and good water infusions.
- Contemporary, straightlined design.
- Scratch resistant anthracite pearl effect powder-coating.
- Made in Germany quality from EOS.

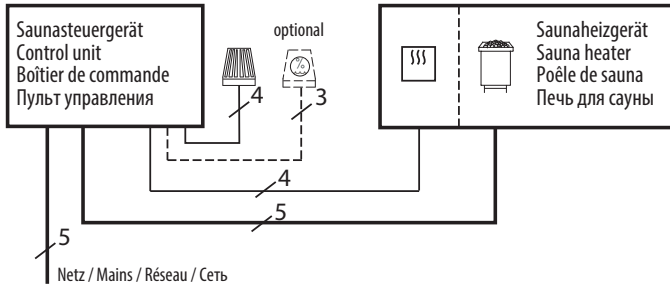
Specifications:

Outer shell:	Steel, anthracite pearl effect powder-coating (scratch-resistant)
Rock store:	Stainless steel
Top:	Brushed stainless steel
Vaporizer:	2 l water tank, 1000 W (4.5 kW) / 1500 W (6.0 and 7.5 kW), manual filling
Terminal box:	Hidden in the main housing, connections from the bottom
Power range:	4.5, 6.0 and 7.5 kW
Power supply:	400 V 3N AC 50 Hz
Stone filling:	8 kg, incl. in delivery
Installation:	Wall-mounted heater, direct mounting to the sauna wall



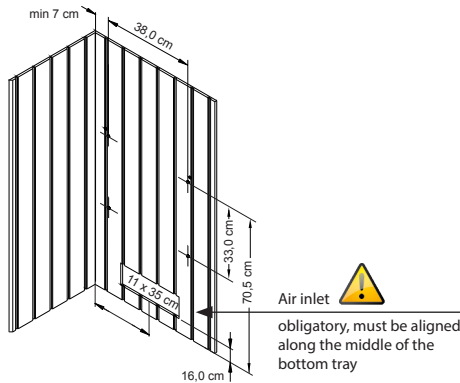
CE IPx4 MADE IN GERMANY 

Connection diagram

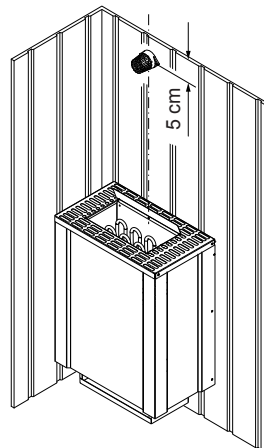


Installation

Wall-mounting installation



Sensor installation



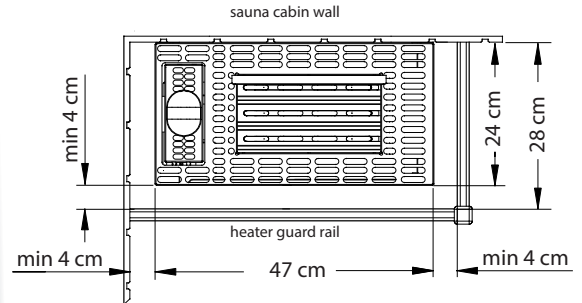
Technical specifications

Power rating	Electrical connection	Connection mains - control unit	Connection control unit - sauna heater
4,5 kW	3N AC 50 Hz 400 V	5 x 2.5 mm ²	5 x 1.5 mm ² (to heater) 4 x 1.5 mm ² (to vaporizer)
6,0 kW			
7,5 kW			

All cross sections of a line are minimum diameters in mm² (copper wire)

ATTENTION: Make sure to prove in advance the local level of water hardness. Regular visual inspection and descaling are required for the vaporizer water tank. 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.

Minimum clearances



Spare heating elements

Description	Item no.
For 4,5 kW (1500W elements)	2000.8085
For 6,0 kW (2000 W elements)	2001.4941
For 7,5 kW (2500 W elements)	2001.4942
1000 W for vaporizer	2001.2612
1500 W for vaporizer	2001.4952

Suitable sauna control units

Model	Item no.
Econ H1	94.5203
Econ H2	94.5205
Econ H3	94.5550
Econ H4	94.5843
Emotec H	94.5560
Emotouch II+	94.5561

Item no.	Colour	Power output	Vaporizer	Electrical connection	Fuse protection (control unit)	Dimensions H/W/D, in cm	For sauna cabin size	Min. size of air inlet and outlet	Weight without rocks	Power extension required
94.5144A	Anthracite pearl effect	4.5 kW	1.0 kW	3N AC 50 Hz 400 V	3 x 16 A	57 / 47 / 24	4 - 6 m ³	35 x 11 cm	18.0 kg	no
94.5145A		6.0 kW	1.5 kW				6 - 8 m ³			
94.5146A		7.5 kW	1.5 kW				7 - 10 m ³			