



EOS 46.U

Sauna heater for domestic and commercial saunas. Behind-the-bench model.

Special design sauna heater for concealed, behind-the-bench installation. For the Finnish (dry) sauna. Extra slim construction with only 20 cm installation depth! Includes protective safety grill and water infusion kit (infusion along the full heater width). 6 m connection silicone cable included.

Your advantages:

- Very slim - only 20 cm installation depth.
- Space-saving design with high safety in use.
- High safety thanks to the hidden installation.
- Robust, durable construction, all made of stainless steel.
- Includes safety grill (prevents objects from falling down on the heater)
- Includes water infusion kit (funnel with connection hose).
- Includes 6 m silicone coated connection cable.
- Made in Germany quality from EOS.

Specifications:

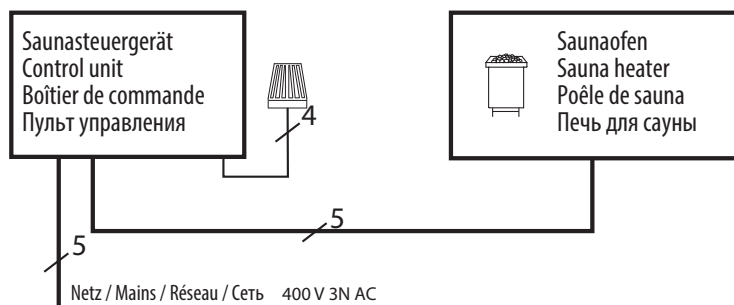
Outer shell:	Stainless steel, blank polished
Inner shell:	Stainless steel
Top:	Stainless steel
Terminal box:	Stainless steel, integrated in side wall
Power range:	6.0, 7.5, 9.0 and 12.0 kW
Power supply:	400 V 3N AC 50 Hz
Dimensions:	870 x 1120 x 200 mm
Rock store volume:	approx. 15 kg (Sauna stones optionally available)
Installation:	Floor-standing, behind-the-bench (hidden) installation



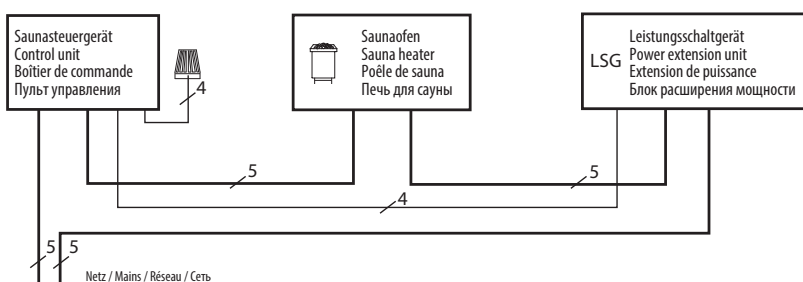
EAC **CE** **IPx4** **MADE IN GERMANY**

Connection diagram

6 - 9 kW



12,0 kW



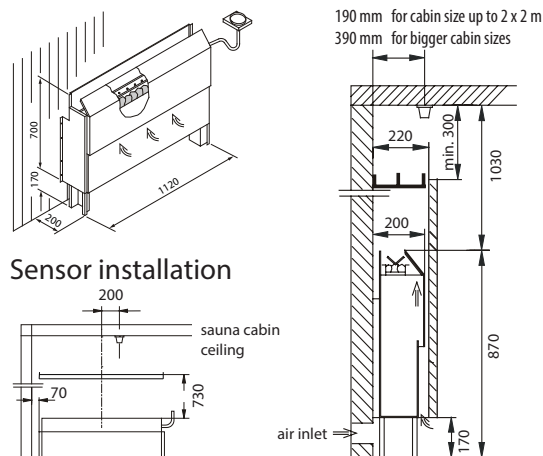
Technical specifications

Power output	Electrical connection	Connection mains - control unit	Connection control unit - heater	Connection mains - LSG	Connection LSG - heater	Connection control unit - LSG unit
6,0 kW	400 V 3N AC 50 Hz	5 x 2,5 mm ²	5 x 1,5 mm ²	--	--	--
7,5 kW				--	--	--
9,0 kW				--	--	--
12,0 kW				5 x 2,5 mm ²	5 x 1,5 mm ²	4 x 1,5 mm ²

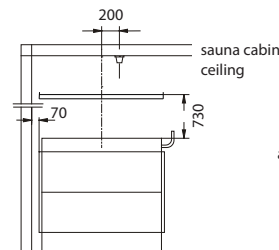
All cross sections of a line are minimum diameters in mm² (copper wire).

Item no.	Power output	Electrical connection	Fuse protection control unit	Fuse protection LSG unit	Dimensions H/W/D, in cm	For sauna cabin size	Min. size of air inlet and outlet	Weight without rocks	Stone filling	Power extension required
94.4887	6,0 kW	400 V 3N AC 50 Hz	3 x 16 A	--	87 / 112 / 20	6 - 8 m ³	35 x 3 cm	23,5 kg	approx. 15 kg	no
94.4888	7,5 kW					7 - 10 m ³	35 x 4 cm	24,0 kg		
94.4889	9,0 kW					9 - 14 m ³	35 x 5 cm	24,5 kg		
94.8608	12,0 kW			3 x 16 A		14 - 18 m ³	35 x 6 cm	25,5 kg		EmoTec LSG 09R

Minimum clearances



Sensor installation



Suitable control units

Model	Item no.
EOS Econ D1	94.6136
EOS Econ D2	94.6138
EOS Econ D3	94.6140
EOS Econ D4	94.5842
EOS EmoTec D series	
EOS EmoStyle D / Hi series	
EOS EmoTouch 3 series	

Power extension unit (e.g. EmoTec L09R) is required for 12 kW model.

Spare heating elements and parts

Description	Item no.
For 6,0 kW (4 x 1500W 230V)	2000.8533
For 7,5 kW (5 x 1500 W 230V)	2000.8533
For 9,0 kW (6 x 1500 W 230V)	2000.8533
For 12,0 kW (8 x 1500 W 230V)	2000.8533
Wooden funnel	2000.8118