



Technical data sheet

# Goliath 34.G2

## Sauna heater for commercial saunas. Floor-standing model.

Premium class sauna heater for the Finnisch (dry) sauna. Designed for very intensive, demanding commercial use in large sauna cabins. Optimized construction with extra-large rock store for 75 kg rocks and strong air convection. Heating elements have no contact to sauna stones to facilitate servicing and extend lifetime of the elements.

### Your advantages:

- High performance heater for heavy-duty commercial use.
- For design oriented, demanding facilities.
- Reinforced construction, all made of stainless steel.
- Extra-large rock store for approx. 75 kg volume.
- Friendly for servicing and maintenance, heating elements can be replaced without having to unload the rocks.
- VDE approved for safety and norm compliance.
- Made in Germany quality from EOS.

### Specifications:

Outer shell:	Stainless steel, scratch-resistand anthracite pearl effect powder coating.
Top:	Brusched stainless steel
Rear wall:	Stainless steel, blank polished
Rock store:	Stainless steel, above heating elements
Terminal box:	Stainless steel, at the rear side, with special ceramic terminals
Power range:	18, 24, 30 and 36 kW
Power supply:	400 V 3N AC 50 Hz
Rock store:	approx. 75 kg, incl. in delivery
Dimensions (HxWxD):	83 x 96 x 47 cm
Installation:	Floor-standing model

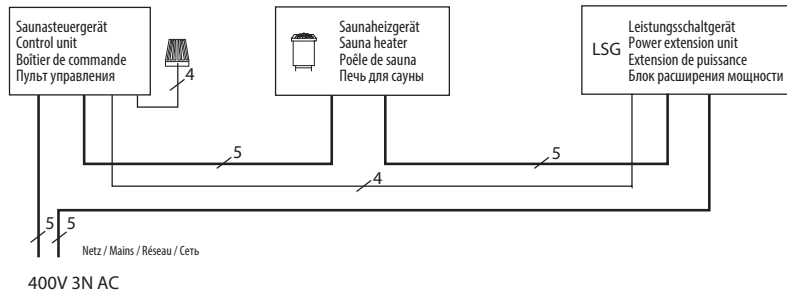


Optional brackets for mounting the heater guard rail directly to the heater (item no. 945067), anthracite pearl effect coated. This provides the reasonable protection against accidental touching the heater and at the same time keeps it fully visible and retains its design in the sauna.  
Notice: wooden parts are not included.

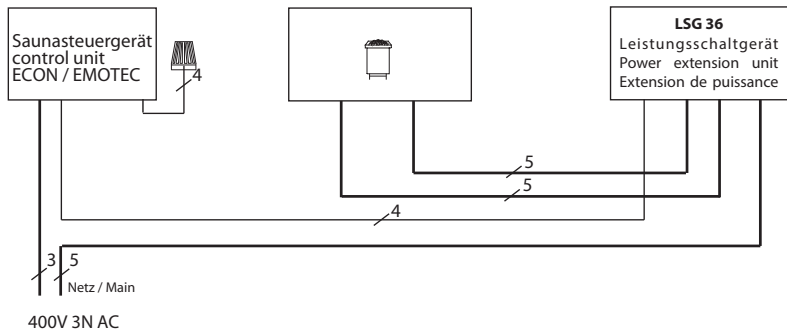


### Connection diagram

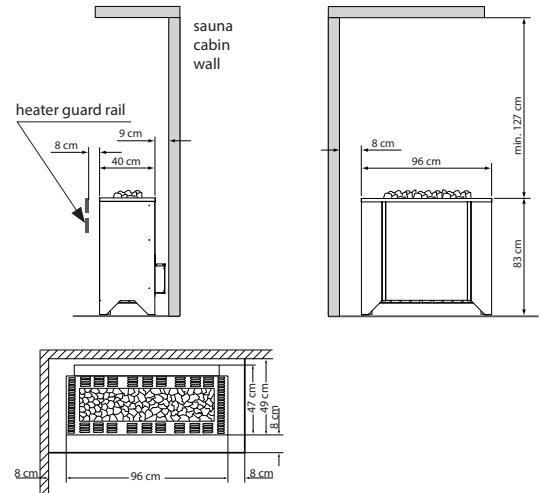
18 - 24 kW



30 - 36 kW



### Minimum clearances



### Suitable control units

Model	Item no.
Econ D1	94.5202
Econ D2	94.5204
Econ D3	94.5549
Emotec D	94.5559
Emotec DC9000	94.4674
Emotec DC9000 DLF	94.4639

Power extension unit (e.g. Emotec L09R, LSG18, LSG36) is required.

### 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
18 kW	3N AC 50 Hz 400 V	5 x 2,5 mm <sup>2</sup>	5 x 1,5 mm <sup>2</sup>	5 x 2,5 mm <sup>2</sup>	5 x 1,5 mm <sup>2</sup>	4 x 1,5 mm <sup>2</sup>
24 kW			5 x 6 mm <sup>2</sup>	5 x 4 mm <sup>2</sup>		
30 kW		3 x 1,5 mm <sup>2</sup>	--	5 x 16 mm <sup>2</sup>	2 St. 5 x 4 mm <sup>2</sup>	
36 kW			2 St. 5 x 6 mm <sup>2</sup>			

All cross sections of connection cables are minimum diameters in mm<sup>2</sup> (copper wire).

### Spare heating elements

Beschreibung	Artikel-Nr.
18 kW - 18 x 1000 W	2001.1599
24 kW - 18 x 1333 W	2001.1598
30 kW - 18 x 1666 W	2001.3763
36 kW - 18 x 2000 W	2001.3931
Mounting brackets for guard rail	94.5067

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
90.4805	18 kW	3N AC 50 Hz 400 V	3 x 16 A	3 x 16 A	85 x 96 x 47	24 - 35 m <sup>3</sup>	50 x 6 cm	85 kg	75 kg	L09R
90.4806	24 kW			3 x 35 A		35 - 45 m <sup>3</sup>	50 x 8 cm			LSG 18
90.4807	30 kW		3 x 1,5 A	3 x 63 A		45 - 65 m <sup>3</sup>	50 x 10 cm			LSG 36
90.4808	36 kW					65 - 75 m <sup>3</sup>	50 x 10 cm			