

# HARVIA SENATOR

HSE090400

The Harvia Senator is a floor-mounted electric heater specifically designed for those who like to spend a long time in the sauna. The large stone compartment and six heating elements warm up the sauna evenly and efficiently. A constant temperature and soft steam are ideal for enjoying the sauna for longer periods of time.



## Features

Main material : Steel

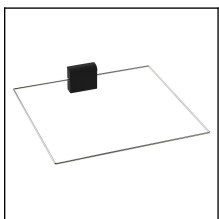
H x W x D : 660.0 x 465.0 x 345.0 mm

Net weight (kg) : 17.3

Installation location : Floor

ID	GTIN	Output (kW)	Sauna room size min - max m3
HSE090400	6410082610099	9 kW	8.0-14.0

## Related products



SFE-500500



SASL2M

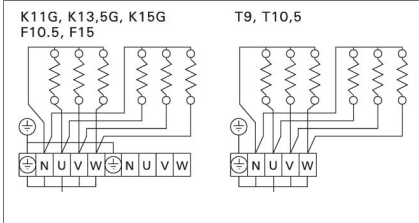
## Spare parts

Product	ID	Pcs
Heating element 1500W/230V	ZSS-110	6
Adjustable leg	ZSA-440	
Grating for Senator	ZSS-10	
Box for heater, high, w/o logo	ZSK-696	
Packaging sticker Senator	ZSS-135	
	ZSS-160	
Cover plate for electrics Senator	ZSS-70	
Heating element 1500W 230V	SPZSS-110	6
Sauna VARIANT S2522 with Formula 2380x2195mm (incl. sauna control C150 and Senator T9)	S2522	
Variant 2820*1945	S3020H	
Outdoor sauna Kuikka, electric heater	S02200E	
Outdoor sauna Keitele, electric	S04000E	

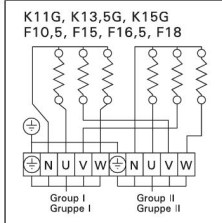
## Technical details

Technical data	Type / attribute	HSE090400
	Color	Stainless Steel
	Power output	9 kW
	Stone sizes	Ø5–10 cm
	Stone amount (kg)	40
Dimensions	Product width	465
	Product height	660
	Product depth (mm)	345
	Net weight (kg)	17.3
	Gross weight	18.6
	Package width	360
	Package height	675
	Package depth	480
Safety and installation dimensions	Safety distance front (non-combustible materials)	50
	Safety distance side (non-combustible materials)	50
	safety distance to the side wall (combustible materials)	50
	Safety distance behind (non-combustible materials)	120
	Safety distance (Ceiling)	1250
	Room min. height(depends on connections and therefore from output, star/delta)	1900
	Installation opening height	1900
	Installation opening width	565
	Installation opening depth	445

Technical images



The heater's electrical connections

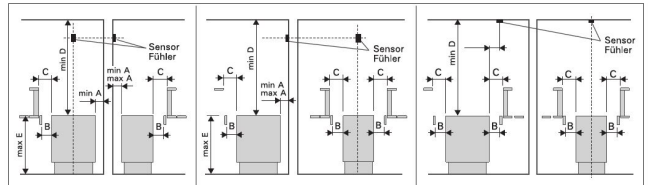


The heater's electrical connections in two groups

Heater Ofen	Output Leistung	Saunaroom Saunakabine		Min. distances Min. abstand des Ofen					Cables Kabel			Fuse Sicherung		
		Cubic vol. Rauminhalt	Height Höhe	A min.	A max.	B min.	C min.	D min.	E max.	To control Zum Steuergerät	To sensor Zum Fühler		Connecting cable to heater Anschlusskabel zum Ofen	
	kW	min m <sup>3</sup>	max m <sup>3</sup>	min mm	mm	mm	mm	mm	mm	mm <sup>2</sup>	mm <sup>2</sup>	mm <sup>2</sup>	A	
		See item 2.3. Siehe Kap. 2.3.		See fig. 3. Siehe Abb. 3.					M, M/K, MM/J	SSJ	H07RN-F			
K11G	11,0	9	16	1900	70	170	50	70	1200	700	5 x 2,5	4 x 0,25	5 x 2,5	3 x 16 A
K13.5G	13,5	11	20	2100	100	200	50	100	1400	700	5 x 4,0	4 x 0,25	5 x 2,5	3 x 20 A
K15G	15,0	14	24	2100	100	200	50	100	1400	700	5 x 6,0	4 x 0,25	5 x 2,5	3 x 25 A
T9	9,0	8	14	1900	120	150	50	80	1250	650	5 x 2,5	4 x 0,25	5 x 2,5	3 x 16 A
T10.5	10,5	9	15	1900	150	180	50	100	1250	650	5 x 2,5	4 x 0,25	5 x 2,5	3 x 16 A
F10.5	10,5	9	18	2100	100	200	30	50	1400	700	5 x 2,5	4 x 0,25	5 x 2,5	3 x 16 A
F15	15	14	26	2100	150	250	30	100	1400	700	5 x 6,0	4 x 0,25	5 x 2,5	3 x 25 A
F16.5	16,5	16	30	2100	150	250	30	100	1400	700	5 x 6,0	4 x 0,25	2x 5 x 2,5	3 x 25 A
F18	18	20	35	2100	150	250	30	100	1400	700	5 x 10,0	4 x 0,25	2x 5 x 2,5	3 x 35 A

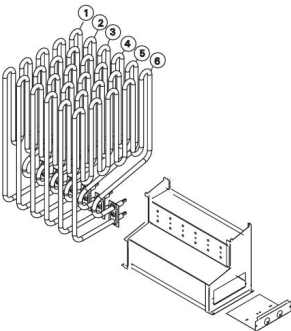
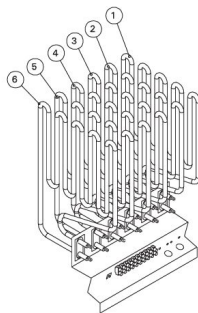
Model and dimensions Modell und Maße	Width Breite	Depth Tiefe	Height Höhe	Weight Gewicht	Stones max Steine max
K11G-K15G	505 mm	430 mm	700 mm	25 kg	60 kg
T9-10.5	465 mm	345 mm	660 mm	25 kg	40 kg
F10.5-18	500 mm	500 mm	700 mm	26 kg	60 kg

Installation details



The heater's safety distances. Note! If E is higher than E max, then B min. = C min.

HEATER OFEN	HEATING ELEMENT HEIZELEMENT	OUTPUT LEISTUNG	PART NO. TEIL NR.
T9	1, 2, 3, 4, 5, 6	1500 W/230 V	ZSS-110
T10.5	1, 3, 5 2, 4, 6	2000 W/230 V 1500 W/230 V	ZSS-120 ZSS-110



HEATER OFEN	HEATING ELEMENT HEIZELEMENT	OUTPUT LEISTUNG
K11G	1, 3, 5 2, 4, 6	2150 W/230 V 1500 W/230 V
K13.5G	1, 3, 5 2, 4, 6	2000 W/230 V 2500 W/230 V
K15G	1, 2, 3, 4, 5, 6	2500 W/230 V
F10.5	1, 3, 5 2, 4, 6	2000 W/230 V 1500 W/230 V
F15	1, 2, 3, 4, 5, 6	2500 W/230 V
F16.5	1, 3, 5 2, 4, 6	2500 W/230 V 3000 W/230 V
F18	1, 2, 3, 4, 5, 6	3000 W/230 V

We recommend to use only the manufacturer's spare parts.