

HARVIA SENATOR

HSE105400

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

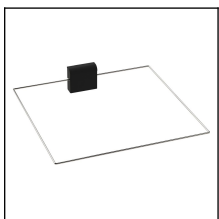
H x W x D : 660.0 x 465.0 x 345.0 mm

Net weight (kg) : 17.5

Installation location : Floor

| ID | GTIN | Output (kW) | Sauna room size min - max m3 |
|-----------|---------------|-------------|------------------------------|
| HSE105400 | 6410082610105 | 10.5 kW | 9.0-15.0 |

Related products



SFE-500500



SASL2M

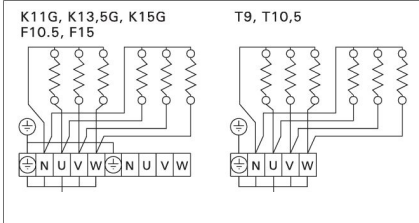
Spare parts

| Product | ID | Pcs |
|-----------------------------------|-----------|-----|
| Heating element 1500W/230V | ZSS-110 | 3 |
| Heating element 2000W/230V | ZSS-120 | 3 |
| 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 | 3 |
| Heating element 2000W 230V | SPZSS-120 | 3 |

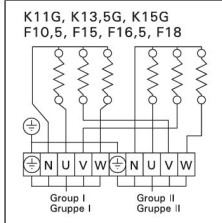
Technical details

| Technical data | Type / attribute | HSE105400 |
|------------------------------------|--|-----------------|
| | Color | Stainless Steel |
| | Power output | 10.5 kW |
| | Stone sizes | Ø5–10 cm |
| | Stone amount (kg) | 40 |
| Dimensions | Product width | 465 |
| | Product height | 660 |
| | Product depth (mm) | 345 |
| | Net weight (kg) | 17.5 |
| | Gross weight | 18.8 |
| | Package width | 360 |
| | Package height | 675 |
| | Package depth | 480 |
| Safety and installation dimensions | Safety distance front (non-combustible materials) | 50 |
| | Safety distance front (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) | 150 |
| | Safety distance (Ceiling) | 1400 |
| | 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

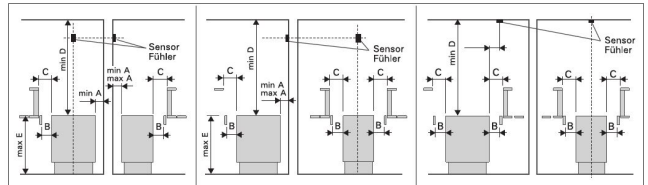


The heater's electrical connections in two groups

| 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 ³ | max m ³ | min mm | mm | mm | mm | mm | mm | mm | M, M/K, MM/J | SSJ | H07RN-F | 400 V 3N- |
| | | See item 2.3. Siehe Kap. 2.3. | | See fig. 3. Siehe Abb. 3. | | | | | | | | | | |
| 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 |

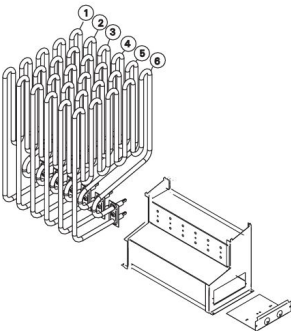
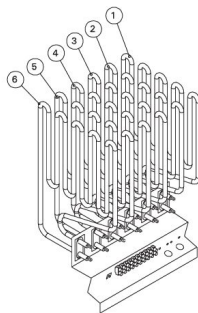
| Model and dimensions Modell und Maße | Width Breite | Depth Tiefe | Height Höhe | Weight Gewicht | Stones max Steine max |
|--------------------------------------|--------------|-------------|-------------|----------------|-----------------------|
| K11G-K15G | 505 mm | 430 mm | 700 mm | 25 kg | 60 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.