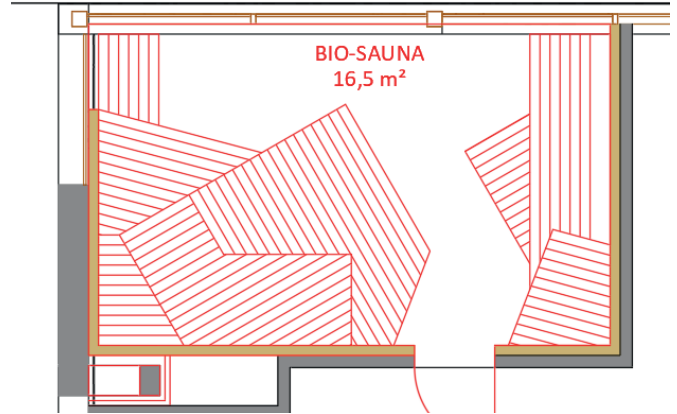


## BIO SAUNA



### Dimension:

recommended size between 5 m<sup>2</sup> - 35 m<sup>2</sup> (53 sq-ft – 380 sq-ft)

### Weight:

depends on cabin size; approx. 150kg / m<sup>2</sup> (approx. 33 lbs / sq-ft)

### Power supply:

Total power consumption depends on the size of the room. For room size 17 m<sup>2</sup> (182 sq-ft.) supply line 3 x 400 V AC + N / 50 Hz / fusing 3 x 63 A; Power 36.000 Watt (28.000 W for Sauna heater / 8.000 W for steam generator)

USA: 2 x three phase supply line:

first supply line: 3 x 208 V AC + N / 60 Hz / fusing 3 x 100 A; Power 28.000 Watt (for Sauna heater)

second supply line 3 x 208 V AC + N / 60 Hz / fusing 3 x 32 A; Power 8.000 Watt (for steam generator)

Both supply lines installed to our electric box in plant room.

### Water supply:

Cold-water supply ½" in plant room; 15 liters (4 gal) per minute; pressure between 2,0 – 5,0 bar.

### Drainage duct:

Pipe diameter 50mm in plant room

### Required space for technique in plant room:

Height x Width x Depth approx. 2000mm (79") x 1200mm (47") x 600mm (24")

### Ventilation:

The number of ventilation outlets and the ventilation rate depends on the size of the room.

For room size 17 m<sup>2</sup> (182 sq-ft.):

**Exhaust** air-duct diameter 150mm (6"), ending above the cabins ceiling at FFL+260cm (103"), Ventilation rate: 180 m<sup>3</sup>/h (6.300 cu.ft / h); fan by others!

**Incoming** air-duct diameter 150mm (6"), ending above the cabins ceiling at FFL+260cm (103"), Ventilation rate: 180 m<sup>3</sup>/h (6.300 cu.ft / h); fan by others!

### Electric Energy Consumption:

For room size 18 m<sup>2</sup> (182 sq-ft.): approx. 180 kWh per day; approx. 54 Euro per day

### Water consumption:

Approx. 70 liters (19 gal) per day (steam infusion); approx. 0,35 Euro per day