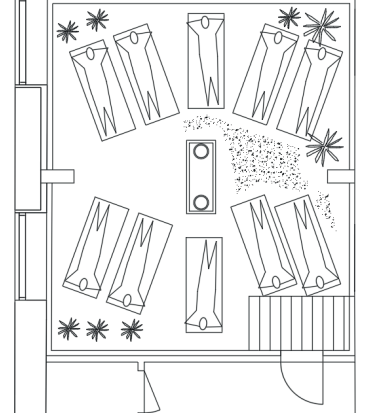


SABBIA MED®



Dimension:

Recommended size between 12 m² - 40 m² (130 sq-ft – 430 sq-ft)

Weight:

Sand layer 15 cm approx. 225kg / m² (approx. 50 lbs / sq-ft)

Power supply:

Total power consumption depends on the size of the room.

- for room size 16 m² (172 sq-ft.) supply line 1 x 230 V AC + N / 50 Hz / fusing 1 x 16 A; Power 500 Watt

USA: single phase supply line: 1 x 120 V AC + N / 60 Hz / fusing 1 x 16 A; Power 500 Watt

Supply line installed to our electric box in plant room.

Floor heating:

Recommended is hydraulic system (water-based system), but also electrical heating system is satisfactory.

Surface temperature of the sand layer up to max approx. 36 °C (97°F) (temperature INPUT water heating 50 – 55°C (122 – 131°F)).

Regulation of the heating by sensor in the floor (not managed via outside temperature).

Required space for technique in plant room:

Height x Width x Depth approx. 600 mm (24") x 700 mm (28") x 300 mm (12")

Ventilation:

For room size 16 m² (172 sq-ft.):

Exhaust air-duct diameter 100 mm (4"), ending above the reflecting ceiling,

Ventilation rate: approx. 150 m³/h (5.300 cu.ft / h); fan by others!

Incoming air-duct diameter 100 mm (4"), ending above the reflecting ceiling,

Ventilation rate: 150 m³/h (5.300 cu.ft / h); fan by others!

Electric energy consumption:

For room size 16 m² (172 sq-ft.): approx. 2 kWh per day; approx. 0,60 Euro per day

Profitability:

Payback period: approx. 12 months (with 25 % assumed utilization)

Achievable revenue: approx. 37.000 Euro per year (with 25 % assumed utilisation)

Cost coverage: approx. 1 Sabbia-Med session with 6 guests is needed per day to cover all costs (investments costs, energy costs, staff costs, etc.)