

Figure 2



Temperature Control  
0-180Min

Power Switch

Figure 3

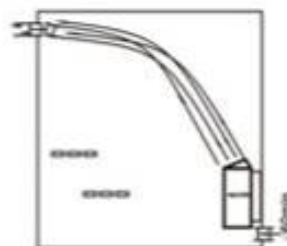
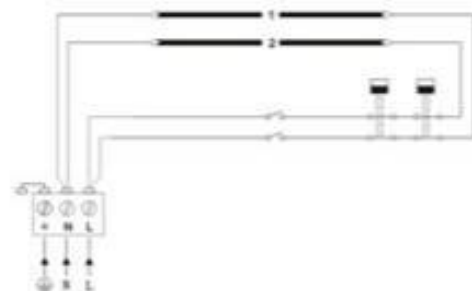


Figure 4

354SKSM 110A					
230V/240V					
Power KW	SEPC 62 1500W	SEPC 63 1800W	SEPC 64 2000W	SEPC 65 2670W	SEPC 63B 3000W
3.0	1, 2				
3.6		1, 2			



220V/230V N~

- (1) L-----Connection ports of live wire
- (2) N-----Connection port of neuter wire
- (3) ⊕-----Connection port of grounding wire

## SAUNA HEATER WITH INNER-CONTROLLE PANEL INSTALLATION MANUAL

— CRITERION:GB4706.31—2003 —



**WARNING:**  
PLEASE READ THIS MANUAL CAREFULLY BEFORE USE

## Installation

Install the sauna heater onto the wall with the screw provided in the heater, according to the minimum safety distances and volumes indicated in table 1 and figure 1, or on the plate of the heater.

- The heater can be installed in the wall recess at the minimum height of 1900mm.
- Do not cover the wall behind the heater with materials like asbestos or eternit plates etc., because this sort of covering protection could cause too temperature and a risk of burn.
- Must use qualified materials for the walls and ceiling

## Guard Rails

Please follow the minimum distances requirements in figure 6 if guardrails are desired around the heater.

## Connection of Electricity Supply Cable

Only the qualified electrician may conduct the electricity supply connections of the heater's cables taking into consideration of current, valid electrical safety regulations. The connecting cables of the mains supply to the heater must be of REVE rubber insulated cables or at least an equivalent (see the figures). There are connection ports in the junction box in sauna heater to connect the indicating lamps outside sauna. (see connection ports of circuit diagram in figure 7). The section of the connecting cables is same as the one of the heater. The electricity connection box in sauna room must be of a hermetic, splashing proof type with a 7 mm diameter condensation hole. The the junction box should not be more than 500 mm over the floor.

## Sauna Stones

Since the sauna stones may be dusty, we recommend that they should be rinsed before being loaded into the heater container; the largest ones should be loaded at the bottom. Do not load the stones too tight so that air can easily move between the stones whereby a good even cooling can be got for the heating elements. Reload when stones broken or crumbling so that these stones can be got out of the heater before the heating elements get damaged. The diameter of the stones is usually of 3-8 cm.

Figure 1A

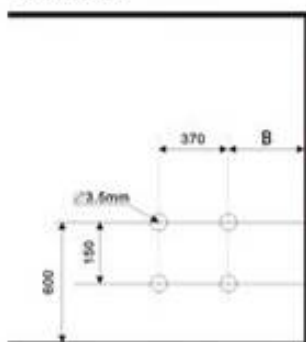
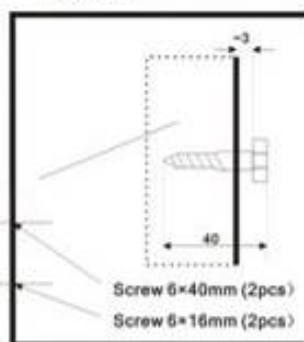


Figure 1B



## Temperature Control

The thermostat can control the temperature in an ideal condition (figure 3). Sauna heater can reach to a preset temperature in 30 to 60 minutes depending on the size of sauna room. Thermostat of three phases electricity can fulfill the preservation of a good even comfortable temperature in sauna room.

## Power Switch

The power switch is the main power switch of sauna heater which should be switched off while leaving sauna.

## Ventilation

Good ventilation is a must for the sauna, and correctly installed ventilation creates agreeable bathing conditions, but yet still save energy. For the ventilation to be successful it is important where the ventilation openings are suited. The fresh air intake should be better situated on the wall near the bottom of the sauna heater. The diameter of air inlet must be at least 6 cm.

The exhaust opening should be better situated on the wall opposite to and as far as possible from the air intake. The diameter of the exhaust opening must be twice the size of the air intake. The exhaust opening must be situated under the bottom of the upper benches.

Noted: the upper screws must be fastened tight, the minimum distances between screw head and wall must be 3mm.

Table 1

HEATER	Distance (mm)		
	A	C	D
JM-30	50	280	80
JM-36	80	280	100

Table 2

Model	Power	Sauna Room		Minimum Distance From Heater to				Cables to		
		Volume m³	Height min. cm	Side & Back wall min. cm	If 500mm over from floor guard rail min. cm	Ceiling min. cm	Floor min. cm	380V 3ph 415V 3ph mm²	220V 1ph 240V 1ph mm²	220V 1ph 240V 1ph mm²
JM-30	3.0	2	190	5	5	110	18		4×1.5	
JM-36	3.6	3	190	6	6	110	18		4×2.5	

Figure 1C

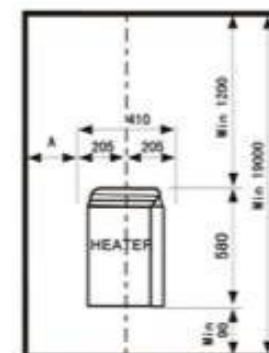


Figure 1D

