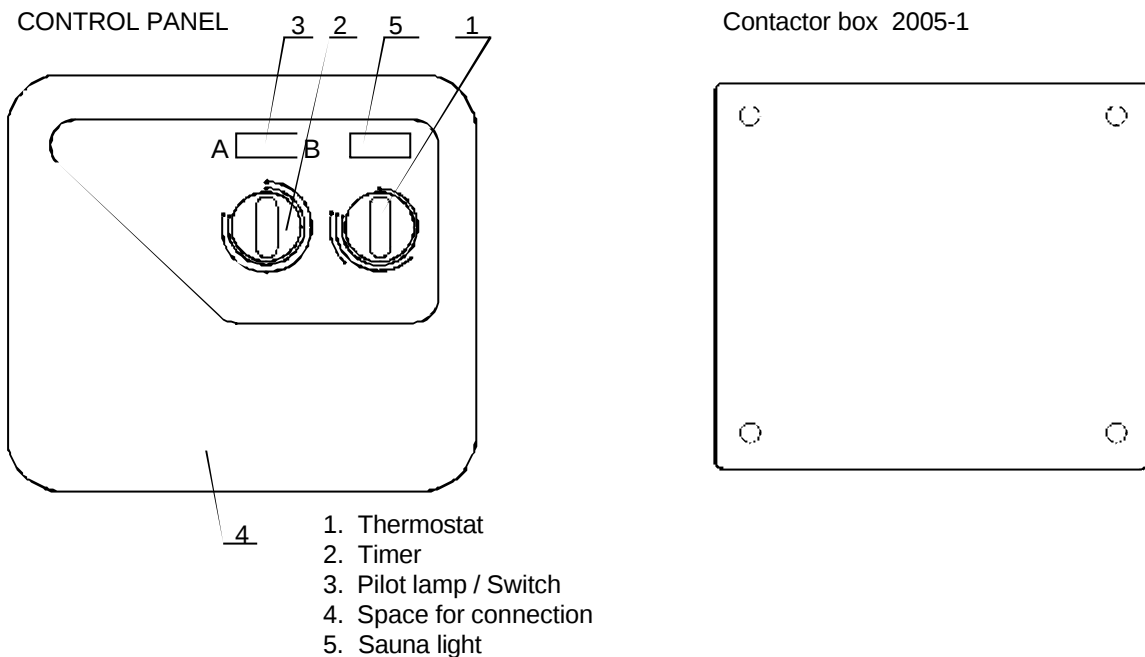


CONTROL PANEL 1418-22-1517-3 + Contactor box 2005-1

Fig 3



MOUNTING

The control panel is splash proof and may be mounted in the damp area adjacent to the cabin. The thermostat sensor must be wall mounted within the sauna. Please follow the measurements in the heater instructions to avoid the possibility of scorching the wood.

TIMER

The timer control (2) which is the main on/off switch has two scales which are set with the rocker-switch/pilot light (3). To switch on, turn knob clockwise: Scale A provides first a 1-4 hr working band, then a 1-8 hr preset band which delays the switch on time. Scale B provides up to 12 hr working time.

When the sauna is finished, the timer knob may be turned back to the off position or left to switch off automatically at the end of the set working time.

REGULATION OF TEMPERATURE

The thermostat control (1) regulates temperature. Turn clockwise to achieve stepless increase of temperature level in the sauna. Resetting the thermostat each time the sauna is used is unnecessary. When the position which maintains the desired temperature has been found, the knob may be permanently left at this setting.

LIGHT SWITCH

A rocker-switch (5) is provided for connections to the light fitting in the sauna

SENSOR UNIT

The recommended mounting dimensions for the sensor are shown in the heater instructions. A 3 metre length of heat-resistant cable (170 °C) 4 x 0,25mm - is provided. This may be extended with normal low voltage cable outside the sauna cabin. Connection details for the sensor are shown in fig. 4.

LIMIT CONTROL

If the temperature in the sauna should rise too high (for example due to a thermostat fault) the limit switch in the sensor will turn off the power. When the fault has been rectified the switch may be reset.

The sensor must be installed as shown in the illustration below. Digression from these instructions may cause overheating and risk for fire

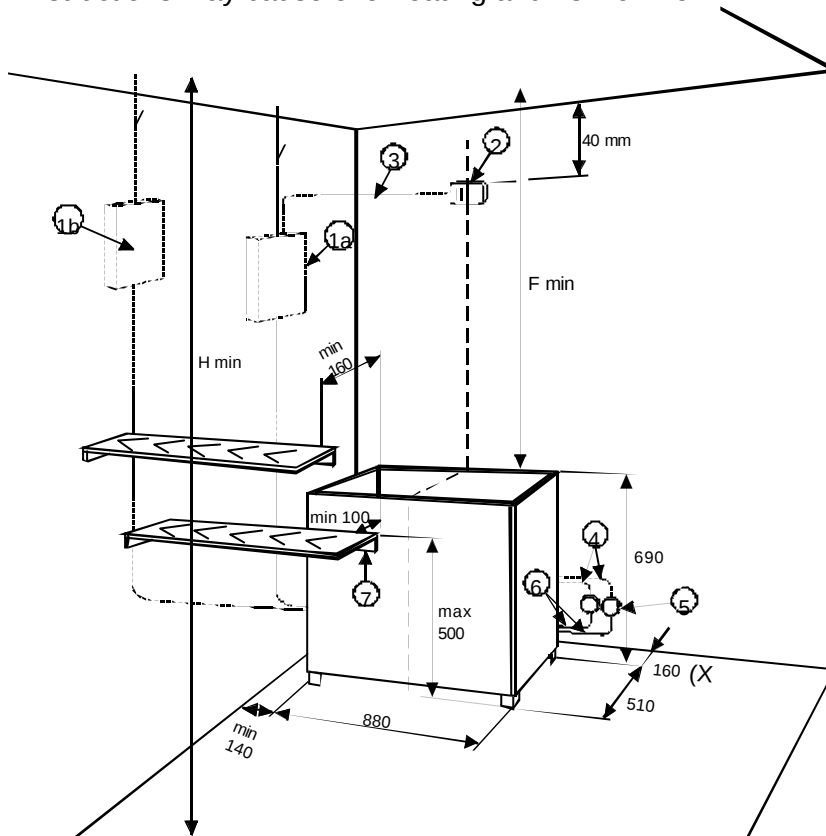


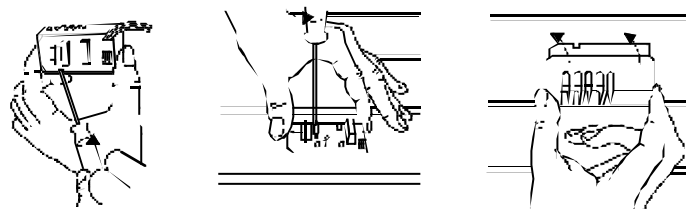
Fig. 1

- 1a. Timer and thermostat in control box
- 1b. Contactor box
- 2. Sensor unit
- 3. Heat resistant cable
- 4. 2 pcs. feeder cable to heater
- 5. Junction box
- 6. Connection cable to heater
- 7. Lower bench or heater guard rail.

(X= The given measurement is absolute, no variations acceptable !

TABLE 1																
HEATER				SAUNA			MINIMUM DISTANCES				CABLE TO			FUSES		CONTROL
Type	Effekt	Group-effects		Volume Min.	Max	Height min	From heater to				Ther-mostat	Heater and Control panel		Main fuse.	Group fuse.	PANEL
		+	#			H min	cei-ling	Front wall	Side wall	Back side Absolute		Group +	Group #		+	#
	kW	kW	kW	m ³	m ³	cm	F	C	A	C	mm ²	H07RN-F	H07RN-F		A	A
1101-181	18	9		18	30	210	140	16	14	16	4x0,25	5 x 2,5			16	
			9										5x2,5		16	
1051-210	21	9		24	36	210	140	16	14	16	4x0,25	5 x 2,5			16	
			12										5x4		20	
1201-262	26	10,5		30	46	220	150	16	14	1 6	4x0,25	5 x 2,5			16	
			15,5										5x6		25	

- Sensor installation



- Removing of the cover

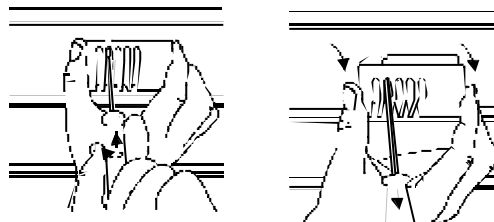
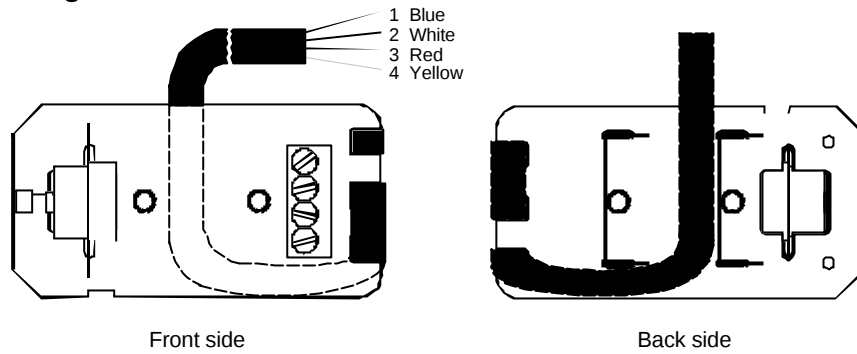
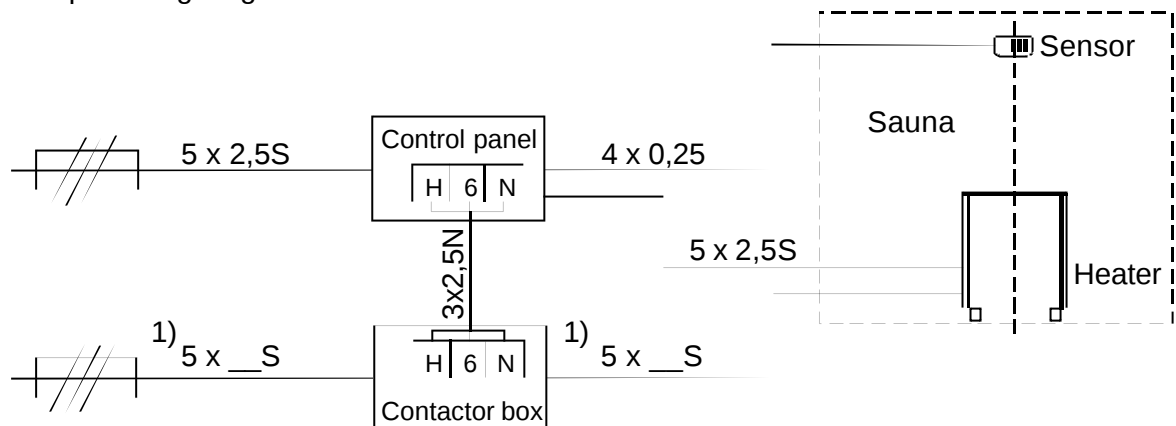


Fig 4.

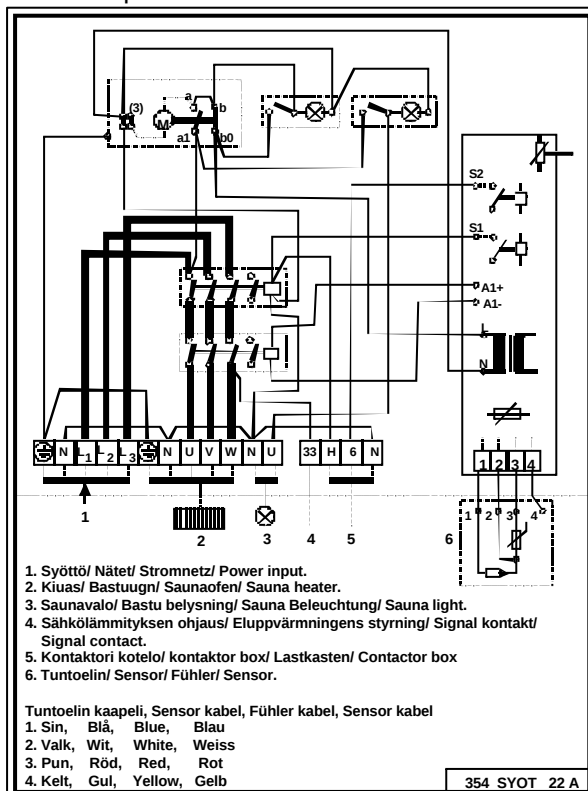


Principal wiring diagram



1) The area of the cable is depended on the heaters effect, see enclosed table or in the sauna heater installation-instruction.

Control panel



Contactor box

