

## User and installation manual OT 2 PLE

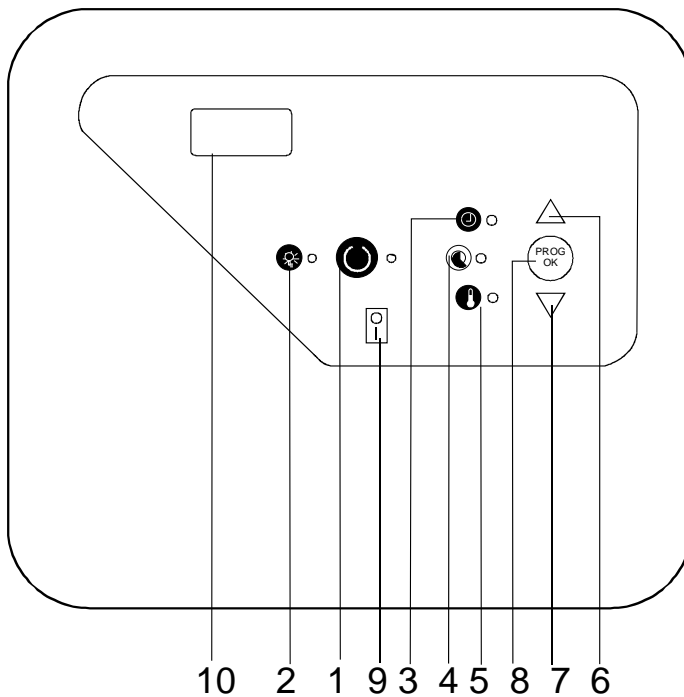
### Control Panel

1418 – 2 – 151105

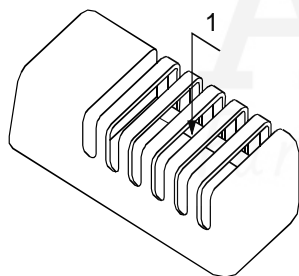
### Sensor

OLET 17





1. On / Off button
2. Sauna light button
3. Pre-selection button
4. Operating time button
5. Temperature button
6. Adjustment up button
7. Adjustment down button
8. Prog / OK button
9. Main switch



1. High limit reset button

Persons with reduced physical and mental capacity, sensory handicap, or little experience and knowledge about how the device is operated (e.g. children), should only operate the device while supervised or according to instructions given by the persons in charge of their safety.

Make sure that children aren't playing with the sauna heater.

### Installation of the control panel and the sensor

The control panel is splash proof classification IP X4 and may be mounted in the damp area outside the sauna room. The control panel may not be installed inside the sauna room.

The sensor is installed in horizontal position at a distance of 40 mm from the roof on the centerline of the heater.

The installation and connection of the sauna heater, control panel or any other electrical appliances may be done only by a licensed electrician in accordance with the national electrical regulations.

### High temperature limit

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 repaired by an electrician the switch may be reset.

**Before resetting the high limit switch, always make sure the fault is corrected!**

## OPERATION OF THE CONTROL UNIT

Switch the control unit on using the main switch (9), located on the front panel of the unit.

When you wish to begin heating the sauna, press the On/Off-button(1), leaving the unit in its basic mode. In this mode, the LED light located next to the on-off switch will remain lit. The control unit will begin heating the sauna, indicating the measured temperature on its display.

Now that the unit has been switched on, the desired temperature value can be set or the required pre-selection or operating time selected. These adjustments are made in the following manner:

### SETTING THE PRE-SELECTION TIME



Press the highest (3) of the three adjustment buttons to make the control unit enter the pre-selection time adjustment mode. After this has been done, press the up (6) and down (7) arrows to choose the desired pre-selection time, and then press the PROG/OK-button (8) once you have selected the time. If you press the pre-selection button again, the unit will return to its basic mode without having changed the pre-selection setting.

When the pre-selection time has been set, the control unit display (10) will indicate the remaining pre-selection time and the LED light located next to the pre-selection button will remain lit. The control unit will wait until the chosen pre-selection time has expired and then switch the sauna heating mode on. The control unit will be on for six hours unless it is switched off. The pre-selection time can be adjusted to be between 0 and 24 hours.

### SETTING THE OPERATING TIME



Press the middle button (4) on the row of three adjustment buttons to make the control unit enter the operating time adjustment mode. After this has been done, press the up (6) and down (7) arrows to choose the desired operating time, and then press the PROG/OK-button(8). If you press the adjustment button (4) again, the unit will return to its basic mode without having changed the setting.

Once the operating time has been set, the control unit will heat the sauna for the established time, and once this time has expired, the control unit will automatically switch itself off. The LED light located next to the operating button will remain lit whenever an operating time has been set.

The operating time can be adjusted anywhere between 0 and 6 hours in 10 minute increments. In professional use the interval is 0 – 12 hours, see paragraph “Changing the max operating time limit” below.

### SETTING THE TEMPERATURE



Press the lowest (5) of the three adjustment buttons to make the control unit enter the temperature adjustment mode. After this has been done, press the up (6) and down (7) arrows to choose the desired temperature, and then press the PROG/OK-button(8). To return from this mode to the basic mode, press the temperature adjustment button again.

The temperature can be adjusted to be between 40°C and 100°C. The last set temperature will remain in the control panel's memory even when the unit is switched off with the main switch.

### SAUNA LIGHT



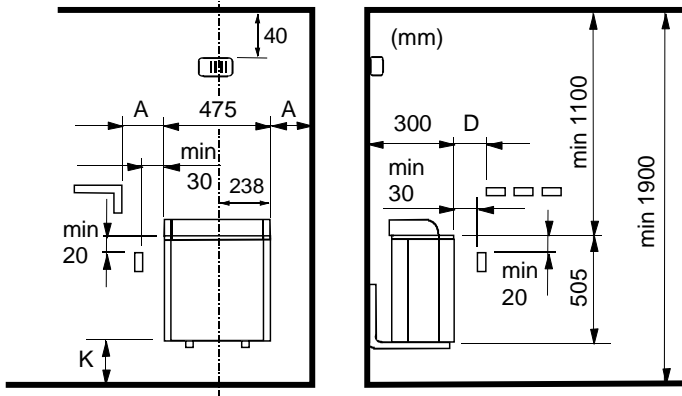
The control unit can be used to switch the lighting on and off by pressing the Sauna light-button (2). This function is fully independent of the other functions.

### CHANGING THE MAX OPERATING TIME LIMIT

The longest operating time for a sauna heater in private use is 6 hours. In public use the maximum time is 12 hours. The control panel factory setting for operating time is always 6 hours, but it can be changed where applicable by doing the following procedure:

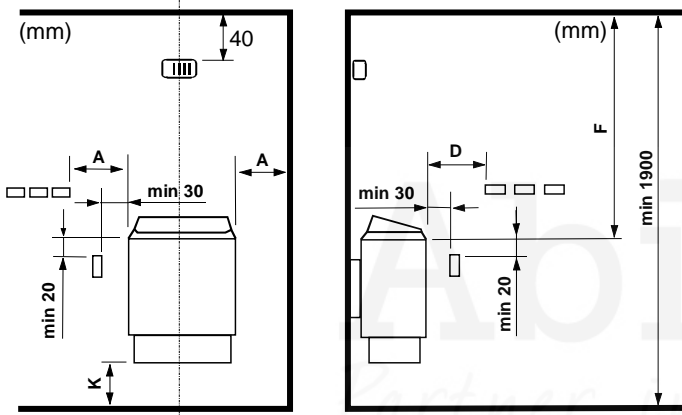
1. Press the On/Off-button(1) to set the control panel in on-mode
2. Press the Operating time-button(4). The led next to the button will start flashing as an indication of 6 hour limit
3. Press and hold simultaneously the Temperature-button(5) and the Adjustment down-button(7) until both the Operating time-led and the Temperature-led are flashing
4. When both leds are flashing press the Prog/OK-button to finalize the change
5. The control panel can be changed back to 6 hours by repeating the procedure (the leds flashing will be the opposite)

MINIMUM DISTANCE(mm) FOR HEATER:  
1714 - .. - 04



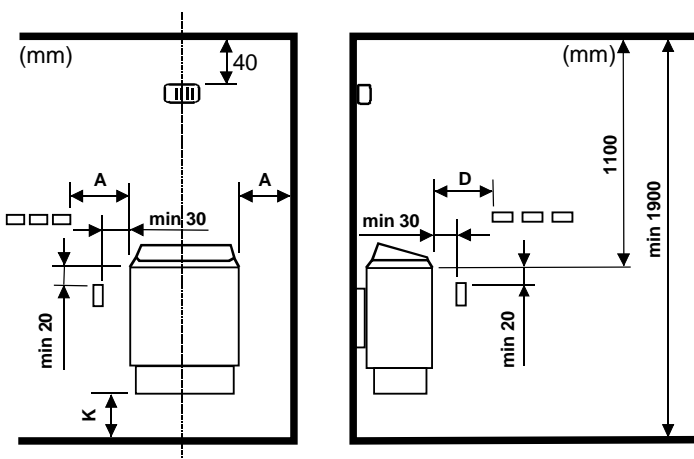
Heater	Sauna room		Min. distances (mm)		
	Volume	Height	On side	In front	Floor
kW	m <sup>3</sup>	mm	A mm	D mm	K mm
4,5	3 – 6	1900	40	80	120
6,0	5 – 9	1900	45	100	120
8,0	8 – 12	1900	75	130	150
9,0	9 – 13	1900	80	150	150

MINIMUM DISTANCE(mm) FOR HEATER:  
1712 - .. - 04



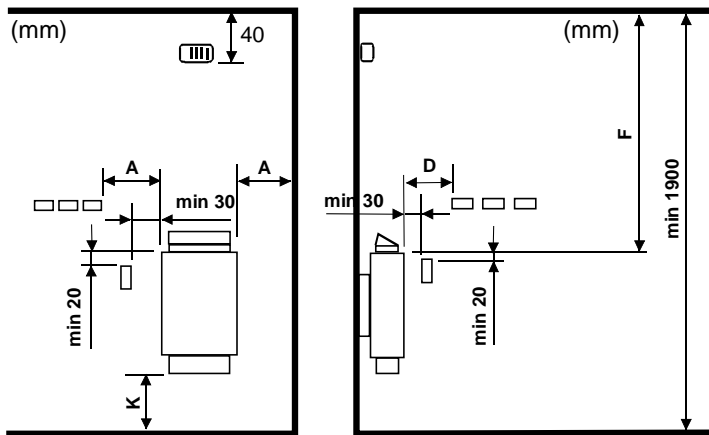
Heater	Sauna room		Min. distances (mm)		
	Volume	Height	On side	In front	Floor
kW	m <sup>3</sup>	mm	A mm	D mm	K mm
3,0	2 – 4	1900	30	50	120
4,5	3 – 6	1900	50	80	120
6,0	5 – 9	1900	70	100	120
8,0	8 – 13	1900	100	150	120
9,0	9 – 14	1900	100	200	120

MINIMUM DISTANCE(mm) FOR HEATER:  
1720 - .. - 04



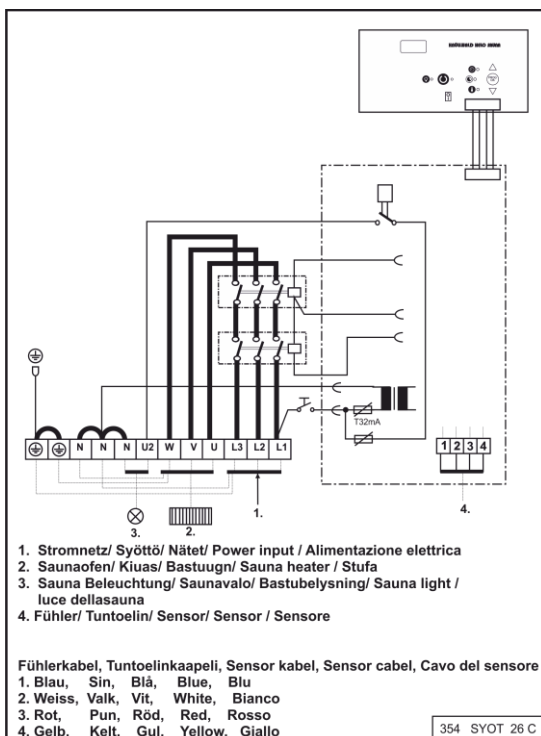
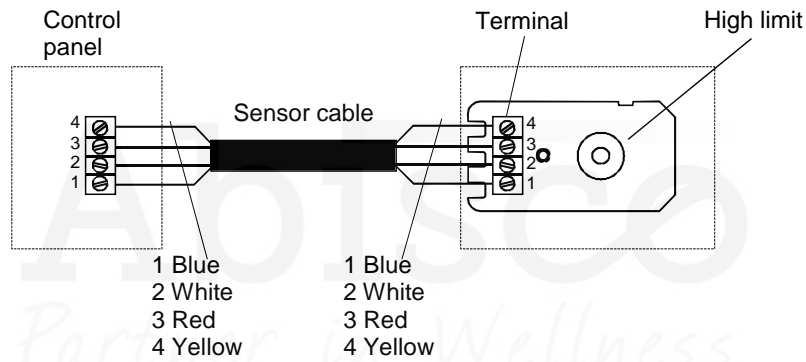
Heater	Sauna room		Min. distances (mm)		
	Volume	Height	On side	In front	Floor
kW	m <sup>3</sup>	mm	A mm	D mm	K mm
3,0	2 – 5	1900	10	30	150
4,5	3 – 6	1900	40	70	180
6,0	5 – 9	1900	60	100	180
8,0	7 – 12	1900	120	180	180
9,0	8 – 13	1900	120	180	180

MINIMUM DISTANCE(mm) FOR HEATER:  
1517 - .. - 04



Heater kW	Sauna room		Min. distances (mm)		
	Volume m <sup>3</sup>	Height mm	On side A mm	In front D mm	Floor K mm
2,2	1.3 – 2.5	1900	50	120	120
3,0	2 – 4	1900	80	150	120

### Sensor connection



1. Stromnetz/ Syöttö/ Nätet/ Power input / Alimentazione elettrica
2. Saunaofen/ Kiuas/ Bastuugn/ Sauna heater / Stufa
3. Sauna Beleuchtung/ Saunavalo/ Bastubelysning/ Sauna light / luce della sauna
4. Fühler/ Tuntoelin/ Sensor/ Sensor / Sensore

Fühlerkabel, Tuntoelinkaapeli, Sensor kabel, Sensor cabel, Cavo del sensore  
 1. Blau, Sin, Blå, Blue, Blu  
 2. Weiss, Valk, Vit, White, Bianco  
 3. Rot, Pun, Röd, Red, Rosso  
 4. Gelb, Kelt, Gul, Yellow, Giallo

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Heater kW	Fuse A	Cable H07RN-F / 60245 IEC 66 mm <sup>2</sup>
2,2	1 x 10	3 x 1,5
3,0	1 x 16	3 x 2,5
3,0	3 x 10	5 x 1,5
4,5	3 x 10	5 x 1,5
6,0	3 x 10	5 x 1,5
8,0	3 x 16	5 x 2,5
9,0	3 x 16	5 x 2,5

## ROHS

### Ympäristönsuojeluun liittyviä ohjeita

Tämän tuotteen käyttöön päätyttyä sitä ei saa hävittää normaalin talousjätteen mukana, vaan se on toimitettava sähkö- ja elektroniikkalaitteiden kierrätykseen tarkoitettuun keräyspisteeseen.

Symboli tuotteessa, käyttöohjeessa tai pakkauksessa tarkoittaa sitä.



Valmistusaineet ovat kierrätettävissä merkintänsä mukaan. Käytettyjen laitteiden uudelleenkäytöllä, materiaalien hyödyntämisellä tai muulla uudelleenkäytöllä teet arvokkaan teon ympäristömme hyväksi. Tuote palautetaan ilman kiuaskiviä ja verhoukiviä kierrätyskeskukseen.

Tietoa kierrätyspaikoista saat kuntasi palvelupisteestä.

### Anvisningar för miljöskydd

Denna produkt får inte kastas med vanliga hushållssopor när den inte längre används. Istället ska den levereras till en återvinningsplats för elektriska och elektroniska apparater.

Symbolen på produkten, handboken eller förpackningen refererar till detta.



De olika materialen kan återvinnas enligt märkningen på dem. Genom att återanvända, nyttja materialen eller på annat sätt återanvända utsliten utrustning, bidrar du till att skydda vår miljö.

Produkten returneras till återvinningscentralen utan bastusten och eventuell täljstensmantel.

Vänligen kontakta de kommunala myndigheterna för att ta reda på var du hittar närmaste återvinningsplats.

### Instructions for environmental protection

This product must not be disposed with normal household waste at the end of its life cycle. Instead, it should be delivered to a collecting place for the recycling of electrical and electronic devices.

The symbol on the product, the instruction manual or the package refers to this.



The materials can be recycled according to the markings on them. By reusing, utilising the materials or by otherwise reusing old equipment, you make an important contribution for the protection of our environment. Please note that the product is returned to the recycling centre without any sauna rocks and soapstone cover.

Please contact the municipal administration with enquiries concerning the recycling place.

### Hinweise zum Umweltschutz

Dieses Produkt darf am Ende seiner Lebens-Dauer nicht über den normalen Haushaltsabfall Entsorgt werden, sondern muss an einem Sammelpunkt für das Recycling von elektrischen und elektronischen Geräten abgegeben werden.

Das Symbol auf dem produkt, der Gebrauchsanleitung oder der Verpackung weist darauf hin.



Die Werkstoffe sind gemäß ihrer Kennzeichnung wiederverwertbar, Mit der Wiederverwendung, der stofflichen Verwertung oder anderen Formen der Verwertung von Altgeräten leisten Sie einen wichtigen Beitrag zum Schutze unserer Umwelt. Dieses Produkt soll ohne Steine und Specksteinmantel an dem Sammelpunkt für Recycling zurückgebracht werden.

Bitte erfragen Sie bei der Gemeindeverwaltung die zuständige Entsorgungsstelle.