

# helo

Finnish Sauna Perfection

- Product Manual **HIMALAYA D**
- **HIMALAYA D** – Produkthandbuch

ELECTRIC SAUNA HEATER:

ELEKTRISCHES SAUNAHEIZGERÄT:

**1118 – 702 – 04**

**1118 – 1052 – 04**



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## Installation and User Manual **Himalaya D**

ELECTRIC SAUNA HEATER: 400V – 415V 3N~

1118 – 702 – 04

1118 – 1052 – 04



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## 1. Instructions for use of the sauna heater

### 1.1. Check before taking a sauna bath

1. The sauna room is suitable for taking a sauna bath.
2. The door and the window are closed.
3. The sauna heater is topped with stones that comply with the manufacturer's recommendations, the heating elements are covered with stones, and the stones are piled sparsely.

NOTE! Ceramic rocks are not allowed.

A pleasant, smooth sauna bath temperature is about 70 °C degrees.

Rearrange the sauna stones at least once a year and replace any weathered stones. This enhances air circulation between the stones, which extends the useful life of the heating elements.

For additional information about enjoying a sauna bath, please visit our website at [www.sauna360.com](http://www.sauna360.com)

## 2. Information for users

This appliance may not be used by children aged less than eight years, by persons with reduced physical, sensory or mental capabilities, or by persons lacking experience and knowledge regarding its operation only if such have been given instructions on the safe use of the device and the risks involved. Children must not be allowed to play with the appliance or to clean and service it without supervision. (7.12 EN 60335-1:2012)

### 2.1. Heating the sauna

Before turning the sauna heater on, make sure the sauna room is suitable for taking a sauna bath. When heated for the first time, the sauna heater may emit some odour. If you detect any odour while the sauna heater warms up, disconnect the sauna heater briefly, and air the room. Then turn the sauna heater back on.

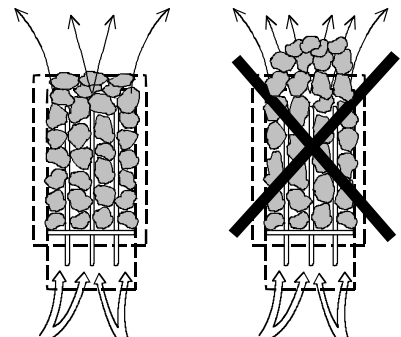
You should turn the sauna heater on roughly an hour before you plan to take a sauna bath, so that the stones have time to heat up properly and the air warms up evenly in the sauna room.

**Do not put any objects on the sauna heater. Do not dry clothes on the sauna heater or anywhere in its vicinity.**

### 2.2. Sauna heater stones

Quality stones meet the following requirements:

- Sauna stones should withstand heat and heat variation caused by vaporisation of the water thrown on the stones.
- Stones should be rinsed before use in order to avoid odour and dust.
- Sauna stones should have an uneven surface to supply a larger surface for the water to evaporate from.
- Sauna stones should be large enough, measuring about 80–120 mm to allow good ventilation between the stones. This extends the useful life of the heating elements.
- Sauna stones should be piled sparsely in order to enhance ventilation between the stones. Do not bend the heating elements together or against the frame.
- Rearrange the stones regularly (at least once a year) and replace small and broken stones with new, larger stones.
- Stones are piled so that they cover the heating elements. Do not, however, pile a large heap of stones on the heating elements.
- Structural clay tiles are not allowed. They may cause damage to the sauna heater.
- Do not use soapstone as sauna rocks.
- Do not use lava stone as sauna rocks.
- **DO NOT USE THE HEATER WITHOUT STONES.**



### 2.3. Preparing for sauna heater installation

Check the following before installing the sauna heater.

- The ratio of the heater's input (kW) and the sauna room's volume (m<sup>3</sup>). Volume recommendations are presented in Table 1 on page 5. The minimum and maximum volumes must not be exceeded.
- The sauna room height must be a min. of 1900 mm.
- Check page 6 Table 2 for a suitable fuse size (A) and the correct diameter of the power supply cable (mm<sup>2</sup>) for the sauna heater in question.
- Conform to the specified safe clearance around the sauna heater.
- There should be enough room around the sauna heater for maintenance purposes. Also a doorway can be considered as a maintenance area.

### 2.4. Installation

Follow the safety clearance specifications on page 5 when installing the sauna heater.

The sauna heater is a floor-standing model. The base must be solid, because the sauna heater weighs about 115 kg.

The sauna heater is levelled by the adjustable legs.

The sauna heater needs to be fixed directly onto the wall or to the sauna bench module by using the provided metal rack to make sure the safety distances will be maintained in use.

Walls or ceilings must not be clad with fibre-reinforced plaster board or other light-weight cladding, because they may cause a fire hazard.

Only a single sauna heater is allowed per sauna room.

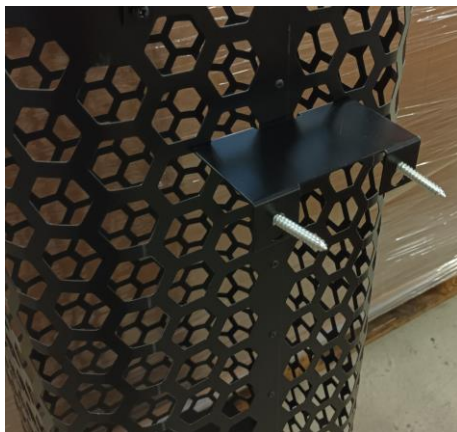


Figure 1 Wall support of the heater and water tank installation.

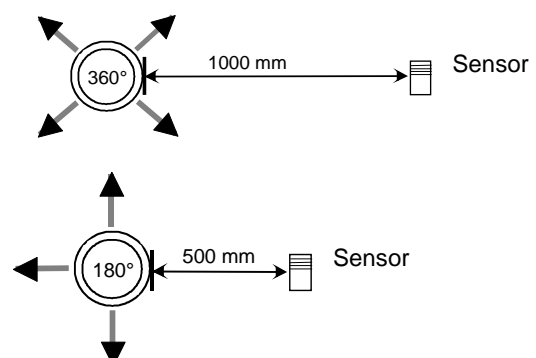
### 2.5. Installing the sensor near a supply air vent

The sauna room air should be exchanged six times in an hour. The diameter of the supply air pipe should be between 50 and 100 mm.

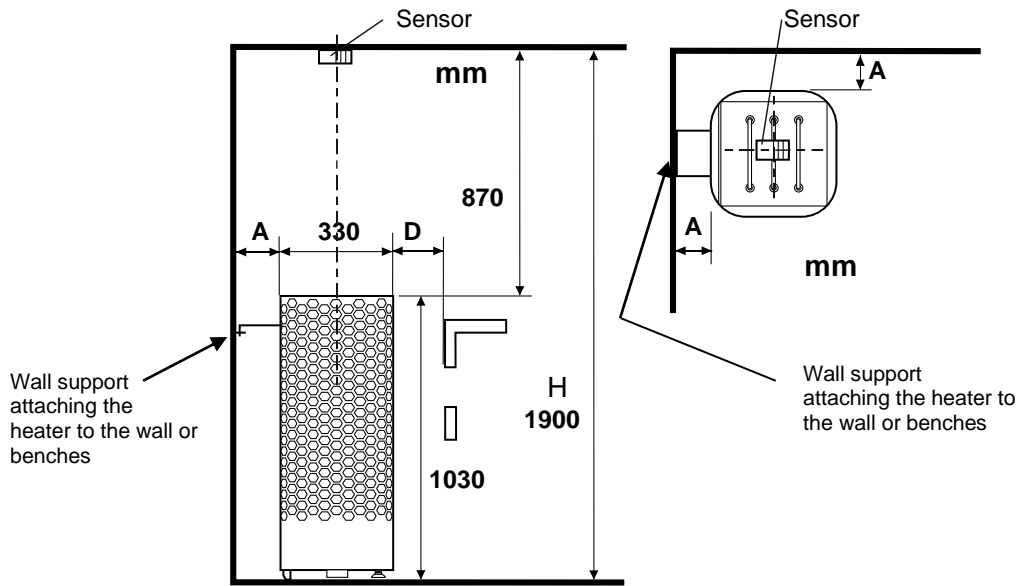
A circular air supply vent (360°) must be installed at least 1000 mm away from the sensor.

An air supply vent with a flow-directing panel (180°) must be installed at least 500 mm away from the sensor.

Air flow must be directed away from the sensor.



**Corner and wall installation:**



**Mid-floor installation:** If the Electric heater is installed further away from the wall or corner, the installation method is always central installation. The heater must be attached to the benches or to a similar structure using a wall support.

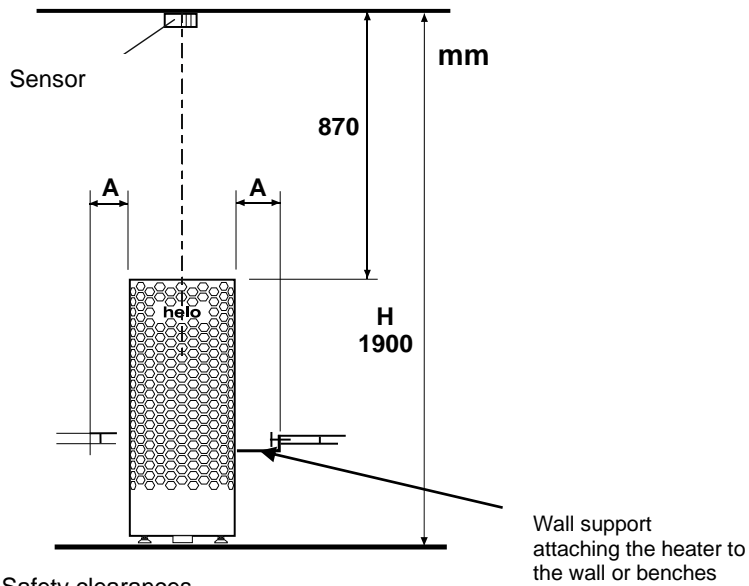


Figure 2 Safety clearances

**2.6. Sauna heater safety clearances**

Effect	Saunaroom			Minimum distance to			Stone
	Volume		Height	Side wall	In front of	Ceiling	
	min. m <sup>3</sup>	max. m <sup>3</sup>					
kW							ca. kg
6,8	5	9	1900	120	120	870	100
10,5	9	15	1900	120	120	870	100

Table 1 Safety clearances

### 2.7. Connection of the sauna heater to the mains

The sauna heater must be connected to the mains by a qualified electrician and in compliance with current regulations. The sauna heater is connected with a semi-permanent connection. Use H07RN-F (60245 IEC 66) cables or a corresponding type. Other output cables (signal lamp, electric heating toggle) must also adhere to these recommendations. Do not use PVC insulated cable as a connection cable for the sauna heater.

A multipolar (e.g. 7-pole) cable is allowed, if the voltage is the same. In the absence of a separate control current fuse, the diameter of all cables must be the same, i.e. in accordance with the front fuse.

The connecting box on the sauna wall should be located within the minimum safety clearance specified for the sauna heater. The maximum height for the connection box is 500 mm from the floor.

Power	Sauna heater's connection cable H07RN -F/60245 IEC 66 mm <sup>2</sup> 400V – 415V 3N~	Fuse
kW		A
6,8	5 x 1,5	3 x 10
10,5	5 x 2,5	3 x 16

Table 2 Connection cable and fuses

### 2.8. Wiring diagram

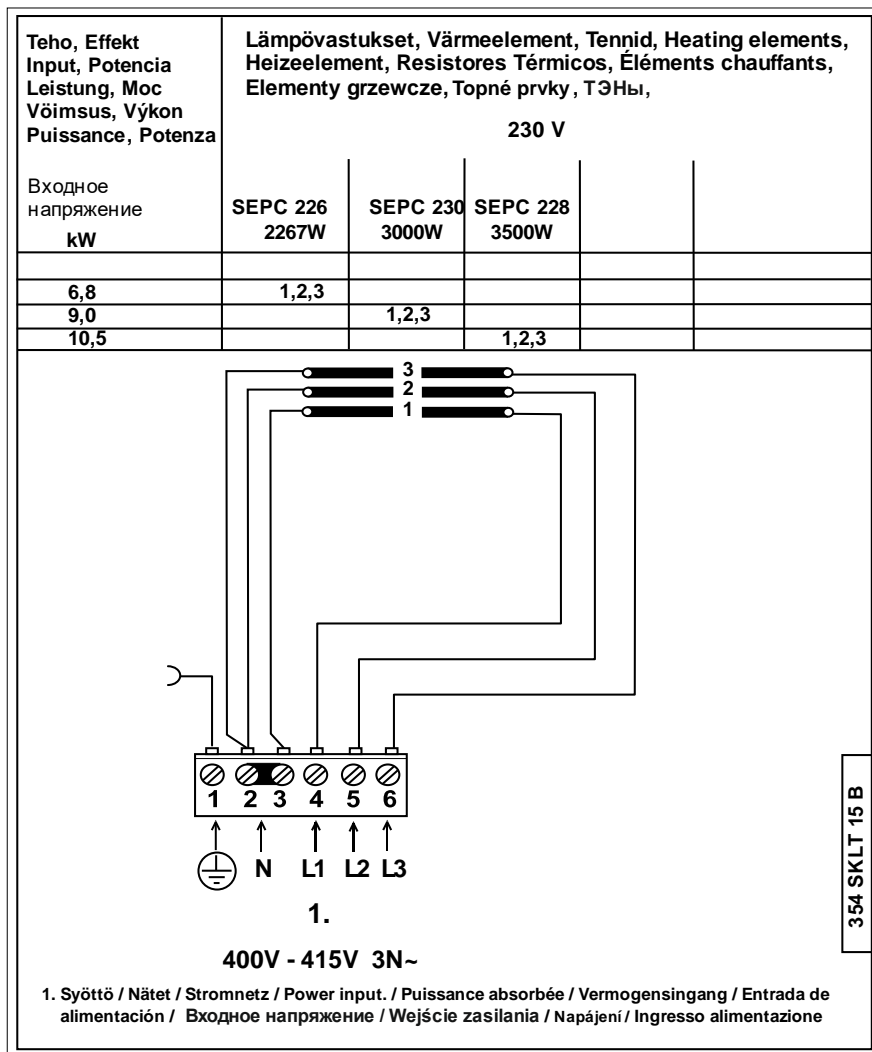


Figure 3 Wiring diagram for the sauna heater

### 3. Himalaya D spare part list

Part	Part number	Part name	Himalaya 702 D	Himalaya 1052 D
1	7712000	Cable clamp	1	1
2	7812550	Mains connector NLWD 1-1	1	1
3	5200719	Heating element SEPC 226 2267W/230V	3	
3	5200720	Heating element SEPC 228 3500W/230V		3

Table 3 Himalaya D spare parts list

### 4. 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 kiuaskeivia ja verhouskeivia kierrätyskeskukseen.

Tietoa kierrätyspaikoista saat kuntasi palvelupisteestä.

#### Anvisningar för miljöskydd

Denna produkt får inte kastas med vanliga hushållsopor 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 Lebensdauer 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.