NARVI

Narvi Ultra Small
Narvi Ultra
Narvi Ultra Big



ASENNUS- JA KÄYTTÖOHJE	FI
INSTALLATIONS- OCH BRUKSANVISNING	SE
INSTALLATION AND INSTRUCTION MANUAL	EN
INSTALLATIONS- UND BETRIEBSANLEITUNG	DE
ИНСТРУКЦИЯ ПО МОНТАЖУ И ЭКСПЛУАТАЦИИ	RU

VERSIO 11/2024

EN INSTALLATION AND INSTRUCTION MANUAL

NARVI ULTRA SMALL	6,0 kW	9,0 kW	
NARVI ULTRA	10,5 kW	12,0 kW	15,0 kW
NARVI ULTRA BIG	18,0 kW	24,0 kW	30,0 kW

Please read the manual carefully before you start installing and using it and keep the manual for future reference. The products are meant only to be used as a sauna heater and for heating the sauna.

TECHNICAL DATA

	Width mm	Depth mm	Height mm	Weight, kg (without stones)	Quantity of stones, kg 5-10 cm
ULTRA SMALL	440	300	680	15	30
ULTRA	440	490	680	20	50
ULTRA BIG	860	490	680	50	120

1. ONE ELECTRIC SAUNA STOVE PACKAGE COMPRISES:

1. Stove
2. Fixing screws
3. Installation and instruction manual

The sauna controller is not included in the heaters price. The external controller that is connected with the heater must be designed for sauna control purpose.

2. PRIOR TO INSTALLATION:

Perform the following checks:
- The stove is the right size (kW) for the size of the sauna (m^3).
- Table 1 shows the sauna volumes for different stove types.
- For every 1 m^2 of uninsulated brick, tile or glass wall surface in the sauna, increase the sauna volume by 1.5 m^3 when choosing the required stove wattage from Table 1.

  The sauna volumes indicated in Table 1 are both maximum and minimum values.

- Table 1 indicates both the minimum height of the sauna and the minimum safety distances for the stove.
  ONLY ONE ELECTRIC STOVE TO BE INSTALLED IN A SAUNA.

This appliance is not intended for the use of children or other people, whose physical, sensory or mental abilities, or the lack of experience or knowledge prevent them from using the appliance in a safe manner, unless a person responsible for their safety is monitoring them and has instructed them on how to use the appliance.

ALWAYS CHECK THE SAUNA BEFORE SWITCHING ON THE STOVE.

Table 1. Installation data for stoves

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Effect	Group effect		Sauna room			Minimal safety clearances to the heater					Connection min.*)	
			Volume		Height	on the sides	at the front	at the front	to the ceiling	to the floor	400 V 3N~	Fuses
			min	max	min	A **)	B **)	C **)	D **)	E **)		
kW	kW	kW	m³	m³	cm	cm	cm	cm	cm	cm	mm²	A
6			5	8	190	5	8	8	122	4	5x1,5 G	3x10
9			8	14	190	10	8	8	122	4	5x2,5 G	3x16

**) See figure 1 *) Connected with rubber cable, type H07RN-F or corresponding cable

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Effect	Group effect		Sauna room			Minimal safety clearances to the heater					Connection min.*)	
			Volume		Height	on the sides	at the front	at the front	to the ceiling	to the floor	400 V 3N~	Fuses
			min	max	min	A **)	B **)	C **)	D **)	E **)		
kW	kW	kW	m³	m³	cm	cm	cm	cm	cm	cm	mm2	A
10,5			9	15	210	12	10	15	140	68	5x2,5 G	3x16
12			10	18	210	12	10	15	140	68	5x4 G	3x20
15			14	20	210	16	10	15	140	68	5x6 G	3x25

**) See figure 1 *) Connected with rubber cable, type H07RN-F or corresponding cable

NARVI ULTRA BIG

Effect	Group effect		Sauna room			Minimal safety clearances to the heater					CABLES			FUSES		
			Volume		Height	on the sides	at the front	at the front	to the ceiling	to the floor	Power unit	Connecting cable*) mm²		Front fuse	Group fuse	
			min	max	min	A **)	B **)	C **)	D **)	E **)		Group1	Group2		Group1	Group2
kW	kW	kW	m³	m³	cm	cm	cm	cm	cm	cm	mm²			A	A	A
18	9	9	15	24	210	16	10	20	140	68	5 x 10 G	5x2.5 G	5x2.5 G	3x35	3x16	3x16
24	12	12	20	32	210	16	10	20	140	68	5 x 16 G	5x4 G	5x4 G	3x50	3x25	3x25
30	15	15	26	40	220	20	10	20	150	68	5 x 16 G	5x6 G	5x6 G	3x50	3x25	3x25

**) See figure 1 *) Connected with rubber cable, type H07RN-F or corresponding cable

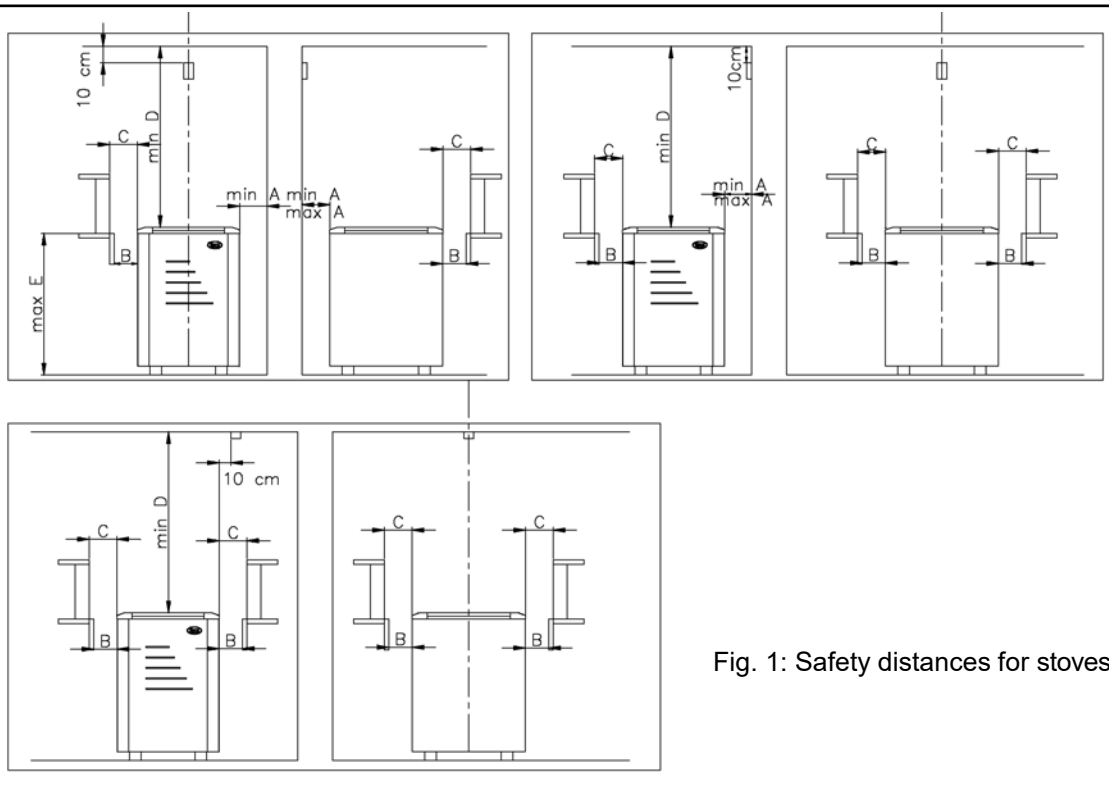

Fig. 1: Safety distances for stoves

NARVI ULTRA SMALL **NARVI ULTRA** **NARVI ULTRA BIG**

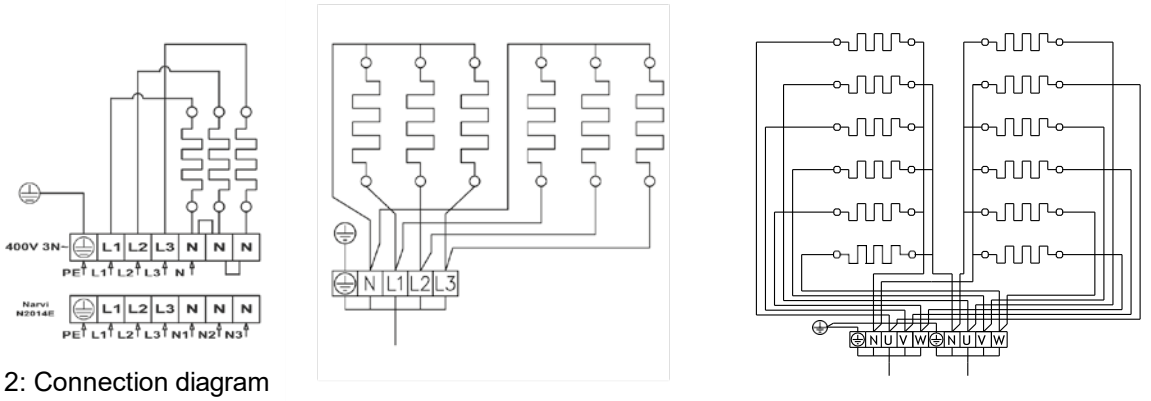

Fig. 2: Connection diagram

3. INSTALLATION:

3.1 INSTALLATION OF STOVE

- Ultra Small can also be fastened to the wall. See Fig 3.
- Observe the safety distances (Fig. 1) when installing the stove.
- Electrical connection of the stove may only be carried out by a qualified electrician in compliance with valid regulations.
- The connection cable shall be a rubber sheathed cable of type H07RN-F or corresponding.
  Cable size and fuse rating as indicated in Table 1.
- The diameter of the wiring running from the stove to the electric heating control and to the signal lights of the house shall correspond to the size of the connection cable.

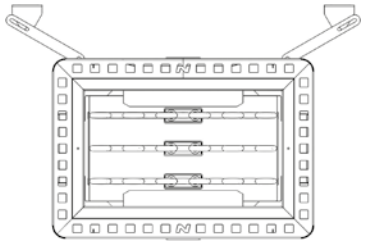

Fig. 3

- The protective film of the heaters casing and the cardboard support of the resistors need to be removed before using the product.

4. LOADING OF STONES

- **Use safety gloves.**
- When loading the stones, make sure they do not bend the resistors or obstruct sufficient circulation of air.
- Do not load the stones too tightly. Over-filling of the stone compartment will cause overheating of the resistors (= shorter service life) and slower heating up of the sauna.
- Suitable stones for the stove are 5-10 cm in diameter.
- The stones shall cover the heating resistors completely.
- Sauna stones must be replaced every 6 months.

AN UNDER-FILLED STONE COMPARTMENT WILL CAUSE A FIRE HAZARD!

5. VENTILATION IN THE SAUNA

- The ventilation in the sauna should be as efficient as possible in order to ensure a sufficient oxygen level and freshness of air. We recommend that the fresh air intake is located near the stove (but not closer than 50 cm).
- The fresh air intake shall be equipped with an adjustable valve.
- The exhaust valve shall be at least twice the size of the fresh air intake.
  The exhaust valve can be installed on the opposite wall, at least 20 cm higher than the fresh air intake.

6. CONSTRUCTION OF SAUNA

- The sauna shall be well heat insulated, particularly the ceiling, where most of the steam rises. Due to the high level of humidity, the heat insulation should be covered with moisture-proof material, such as aluminium paper.
  Wood should always be used for cladding.

7. IMPORTANT ADDITIONAL INSTRUCTIONS

- A suitable temperature for the sauna room is between 60–80 °C.
- Staying in the hot sauna for a longer time, makes the body temperature rise, which may be dangerous. Do not sleep in sauna.
- You should be careful in the vicinity of the hot heater, because the stones and metal parts of the heater may cause burns.
- Only a small amount of water (1-2 dl) should be thrown onto the heater stones, because the steaming water is scalding hot.
- This equipment is not to be used by children or people whose physical and psychological traits, mental functions, lack of experience or knowledge may hinder the safe operation of the equipment, if the person who is responsible for safety cannot supervise them or instruct them in the use of the equipment.
- Do not go to the sauna if you are under the influence of substances causing intoxication.
- Children may not be left unsupervised and they should be supervised to make sure they do not play with the equipment.
- Always inspect the steam room before plugging in the heater.
- The improperly filed stone container is a fire hazard.
- Covering the stove will cause a fire hazard.
- Do not place any objects top over the heater or dry clothes near by the heater.
- Door and window must be closed when using the heater.
- The stainless steel casing may change its color because of the heat, which is normal behavior for the material. Color changes are not covered by the warranty.
- Use normal domestic water for steam water. Do not use sea water (or other salty water) or chlorinated water.
- Sea air and a humid climate fastens the corrosion of the heater.

8. SPARE PARTS

NARVI ULTRA SMALL

Stove(kW)	Resistance	Model
6	1,2,3	2000 W
9	1,2,3	3000 W

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Stove(kW)	Resistance	Model
9	1,2,3,4,5,6	1500 W
10,5	1,3,5 2,4,6	1500 W 2000 W
12	1,2,3,4,5,6	2000 W
15	1,3,5 2,4,6	2500 W

NARVI ULTRA BIG

Stove(kW)	Resistance	Model
18	1,2,3,4,5,6 7,8,9,10,11,12	1500 W
21	1,3,5,7,9,11 2,4,6,8,10,12	1500 W 2000 W
24	1,2,3,4,5,6 7,8,9,10,11,12	2000 W
27	1,2,3,4,5,6 7,9,11 8,10,12	2000 W 2000 W 3000 W
30	1,3,5,7,9,11 2,4,6,8,10,12	2500 W
33	1,3,5 2,4,6 7,8,9,10,11,12	2000 W 3000 W 3000 W

