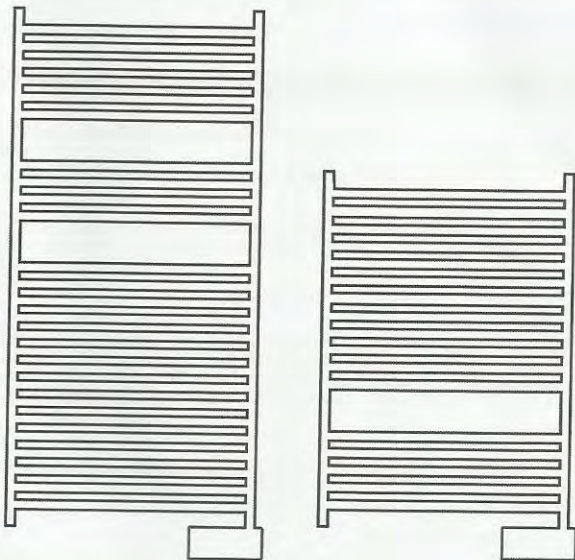




Farho

Intelligent Heating

Nova - Nova Little Towel Rack Fitting and Operating Instructions



INTRODUCTORY WARNINGS

Please read these instructions carefully before use and keep them in a safe place for future consultation. This heater must be fitted by a qualified electrician and must comply with prevailing Low Voltage regulations. The complete installation must comply with that which is set forth in aforesaid Regulation.

Any future claims will be deemed null and void wherever prevailing regulations have not been complied with.

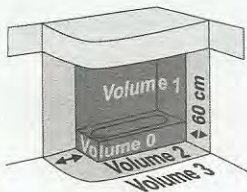
CONTENTS

INSTALLATION INSTRUCTIONS.....	3
Position.....	
Installation	
CONNECTION	4
OPERATION.....	7
MAINTENANCE	9
Guarantee Terms And Conditions	11

USER'S INSTRUCTIONS

Position

The towel radiator must be installed in accordance with professional standards. The apparatus can be fitted in the Volume 2 area, thus ensuring that the control system falls outside the reach of shower, or bath, water. The thermostat must be fitted at least 100 mm off the ground. The radiator must not be fitted less than 50 mm from the wall, or just behind a socket. The radiator must not be fitted in "Volume 0" and "Volume 1" areas.

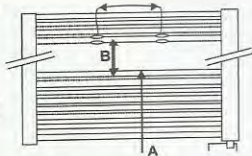


Installation

The apparatus must be fitted on a vertical wall with the brackets provided with the radiator for this purpose. Fit the brackets correctly and make sure that the apparatus is properly secured.

STEP 1

Secure the 3 brackets as shown in the drawing after measuring the requisite distances. Make sure that the locking system of the two upper brackets is downwards, and that of the lower one is upwards.



STEP 2

Prepare one part of the bracket with a nut and the other without one. Fit a 20 mm screw, and position the joints on a bar as shown in Photograph 1. Do not tighten too much so that later adjustments can be made. Repeat this operation to secure another part as shown in the diagram. N.B.: to make Steps 4 and 5 easier, make sure that the upper bracket screw is downwards and the lower bracket screw is upwards.

STEP 3

Fit the radiator onto the brackets; screw in the 30 mm screw but without tightening too much.

STEP 4

Pull the radiator upwards a little to enable the tightening of the 20 mm screw.

STEP 5

Tighten the 30 mm screw.

CONNECTION

The radiator works off a single phase, 220 - 240 V 50HZ current.

The radiator must be connected to a power lead in accordance with electrical standards.

The original power lead must be connected to the mains by means of a junction box, which must be fitted behind the radiator, without there being any other sockets, and must be fitted at least 25 cm off the ground.

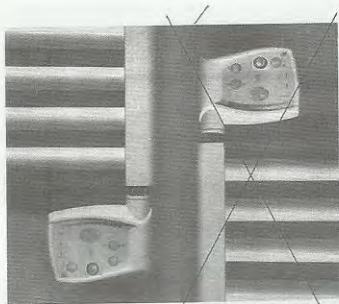
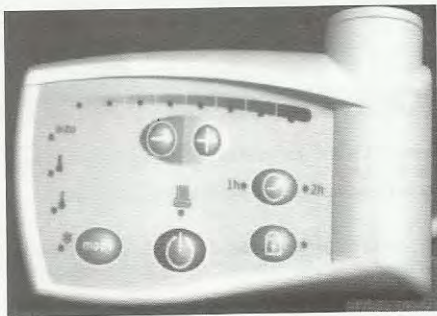
Blue wire: neutral.

Brown wire (or other colours): connected to the current.

Black wire: control wire (does not work if connected to an infrared device).

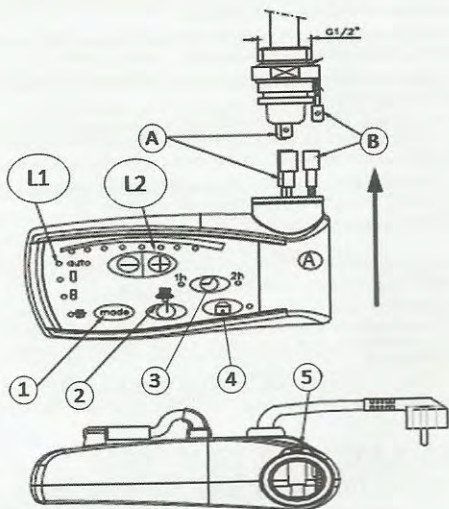
The control cable enables the temperature to lower if it is connected to a specific programme. It cannot be grounded and must be insulated from contacts if it is not being used.

If the power lead is damaged, it must be suitably replaced. The operation must be carried out by the manufacturer, after-sales service or other qualified personnel.



OK

KO



GB

Yellow-Green earth
wire
Fast-ons 6,3x0,8

B

Supply 2x Faston
6,3x0,8
1-Brown lead
2-Blue lead

A

Fixing screw

5

Bush

Switch timer

2

Regulation Button

1

Working led-switch

L1

Working led-regulation

L2

1H/2H Booster

3

Block Button

4

WARNINGS

Keep this instruction sheet with care and read it carefully before using this device. You will so obtain the best performance with the highest safety.

- *This control is designed only and exclusively for use in decorative radiators or firmly secured towel warmers, known as fixed appliances.*
- *Before use, please check that the voltage of the network and that of the appliance are the same (pls. see the technical label).*
- *It is essential that you only and exclusively fit it onto a heater specially conceived to work with a control thermostat, whose wattage must not exceed that recommended by the manufacturer of the radiator (pls. see the technical label).*
- *This control is not suitable for use in locations where this could cause a hazard (e.g. where infirm persons or young children will be present unsupervised).*
- *Always switch off the electricity supply at the mains during cleaning and maintenance.*
- *Electrical safety is guaranteed only if the thermostat is connected to a suitably earthed electricity supply, according to the regulations in force.*
- *In case of damage to the supply cord, switch off the device and do not tamper with it. Damaged supply cords can be rectified only and exclusively by the manufacturer or by an appointed representative. Failure to comply with the above may endanger the safety of the whole system.*
- *In case of overheating or working in abuse conditions, the internal circuit of the heater might get disconnected. The heater IS NO LONGER USABLE AND MUST BE REPLACED.*

INSTALLATION INSTRUCTIONS

(FOR THE EXCLUSIVE USE OF THE INSTALLER) (see Fig. 2)

Always switch off the electricity supply at the mains during installation.

- 1) Place the specially provided O-Ring in position ① onto the threaded end.
- 2) After making sure that the O-Ring is in place ①, screw the heater into the specially provided threaded hole in the radiator or towel rail and tighten to stop using the specially provided spanner (N.B. For no reason must the heater be inserted into the rail downwards).
- 3) Fill the rail accurately, making sure there are no leaks and/or air pockets.
- 4) With the front of the thermostat in the required position, connect the mains cables (phase: brown / neutral: blue) ② and the yellow-green earth wire through the fast-ons ③. Insulate the connectors with the specially provided insulating boots.
- 5) Insert the casing "A" of the thermostat on the piece "B" to the stop.
- 6) Fix the screw ④ using the specially provided Allen screw.
- 7) **ATTENTION!** Do not rotate the casing of the thermostat.
- 8) The appliance must not be placed directly under a socket.
- 9) The appliance must be installed in such a way as to prevent the controls from being touched by those who are the shower or in the bathtub.
- 10) Make sure that the voltage of the network is the same as indicated on the technical label of thermostat.
- 11) Connect the mains cable to the electricity supply.

GENERAL CHARACTERISTICS

*This thermostat can be used indifferently in dual fuel or purely electric systems.
It should NOT be used when the central heating is on.*

When operating in a dual fuel system the mounting of a valve or tap directly at the source of the heating system is recommended to prevent the contemporaneous use.

The whole system meets the current regulations on low voltage:

- EMC 2004/108/CE, LVD 2006/95/CE, ROHS 2002/95/CE on EMC
- CEE EN 60335-1, 60335-2-30 e EN60335-2-43.

Max power rating: 2000W.

Supply voltage: 230-240V~ / 50 Hz.



Electronic regulation through a microprocessor.

NTC electronic temperature probe.

Range of temperature regulation: from + 7° to +30 °C

2-hours Boost mode


Mode selection: comfort, boost, stand by.

TECHNICAL FEATURES OF THE HEATER


The thermostat can be fitted only and exclusively onto specially conceived heaters, fitted with protection devices to prevent over-heating and keep the system safe in abuse conditions (pls. see "warnings").

USE AND OPERATING INSTRUCTIONS


1 - Switching on and off your appliance

- Press the button shown beside when the thermostat is put on volt. You have just started your appliance. 
- To turn it off, press the same button and the appliance will stop giving out heat, no warning light will be on.

2 - Operating features of your appliance


- Once the thermostat is on, press the button  to select a function.
- **Auto:** (This function works only if you are connected to a qualified provider of energy that offers this service through the connection to the fil pilot).
- **Comfort:** A pressure activates the permanent heating. This function allows to keep the selected temperature (e.g. 20 °C).
- **Eco:** A further pressure actuates this energy-saving function, which sets the temperature at 3.5 °C below the comfort temperature.
- **Antifreeze:** with a last pressure you can keep a steady temperature of 7 °C, in order to prevent the installed towel rail from freezing.

3 - Over-drive (Boost)

- Whilst warming the room, your appliance dries the towels that cover it. If you wish to speed up the drying of the towels or for a quicker room heating-up, you can use the manual over-drive (Boost) pressing the  button.

- A first pressure activates a 1-hour over-drive cycle: warning light (1h) glows.
- A second pressure activates the 2-hours over-drive cycle: warning (2h) glows.
- With a third pressure the over-drive stops and the warning lights (1h) and (2h) go out. The timer stops automatically at the end of the selected cycle unless further pressures are exerted after the over-drive activation.

4 - Temperature regulation

- The "comfort" temperature corresponds to the temperature desired by the user and is measured by the NTC probe placed at the rear of the thermostat's casing.
- The thermostat is regulated pressing on the  buttons
- The selected temperature is indicated by a sequence of warning lights as shown in the chart below.

Temp.	LED	Temp.	LED	Temp.	LED
8°C	-●○○○○○○○+	16°C	-○○●○○○○○+	24°C	-○○○○●○○+
10°C	-●●○○○○○○+	20°C	-○○●●○○○○+	26°C	-○○○○●●○+
12°C	-○●○○○○○○+	21°C	-○○●●●○○○+	26°C	-○○○○●●○+
14°C	-○●●○○○○○+	22°C	-○○●●●○○○+	28°C	-○○○○●●●+
16°C	-○○●○○○○○+	23°C	-○○●●●●○○+	30°C	-○○○○●●●+

5 - Child-proof keyboard block

The thermostat is provided with a child-proof system that blocks or un-blocks the controls on the frontlet. The system is switched on and off through a 3-seconds pressure on the "block" button



DISPOSAL

This appliance is NOT an ordinary domestic refuse. It must be disposed of through the appropriate recollection centres to be recycled. In case of replacement it can be sent back to your distributor.

This handling of the product's end of life will allow us to preserve our environment and curb the consumption of natural resources.



This symbol applied on the product, indicates the obligation to consign it to a special recollection centre to be disposed of in accordance to the 2002/96/CE (RAEE - WEEE) guideline.

The manufacturer reserves the right to make at any time all the modifications he will deem necessary to improve its product without notice.

MAINTENANCE

When cleaning the radiator, this must be turned off and have the power lead unplugged.

Do not use chemical or aggressive products. An alcohol soaked cloth will suffice for cleaning purposes after the apparatus has cooled down.

A dry, white cloth can also be used.

The radiator is full of an exact quantity of a liquid chemical. If there is a liquid leak, or if the radiator is not working properly, please get in touch with the manufacturer, customer services or other qualified personnel.

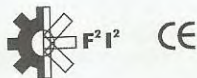


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 www.farho.com

ISO 9001:2000 CERTIFICATE



ISO 14001:2004 CERTIFICATE





Farho

Intelligent Heating

GUARANTEE TERMS AND CONDITIONS

Farho guarantees the proper and correct functioning of the appliance the data of which are given herein, as long as aforesaid appliance is used for domestic purposes. All Farho products must be installed by Certified Fitters. In the interest of safety, before starting the fitting operation, the Fitting Instructions that accompany each product must be read carefully.

The Farho factory is at your complete disposal for any repairs that might need to be carried out, as well as to ensure that your appliance works correctly throughout its useful life.
For YOU as a user, this means:

- < Security with respect to original spare parts
- < Personnel who are in possession of original documentation and who have been specifically trained by Farho to carry out repair work.



VERY IMPORTANT

The following documents can be used in order to accredit the guarantee start date:

- 1.- The purchase bill, or the bill issued by the fitter upon its installation.
- 2.- Power supply contract in newly constructed installations or homes.
- 3.- Fitters' and Industry Official Gazette in the case of new installation, or dwelling, refurbishment.

If, upon the express request of the user, additional services were carried out at our installations that fall outside the scope of the guarantee, the additional cost of these services will not be covered by aforesaid guarantee.

All FARHO products must be fitted pursuant to prevailing regulations and in accordance with the operating and fitting instructions that accompany the product. Incorrect fitting, or whenever the appliance has not been fitted in accordance with the relevant regulations, will result in the total loss of guarantee cover.

GUARANTEE CLAUSES

Important note concerning the validity of this guarantee: when requesting technical intervention in the factory, it is absolutely essential that the authorised personnel be presented with this certificate along with the duly completed bill of purchase.

Over the first six months after the purchase date, this GUARANTEE covers the repair at FARHO installations, of all flaws or defects and any damages arising thereof, or the replacement of any defective part or component, free of charge, including carriage charges to the factory and the labour costs involved in returning the appliance to proper and correct functioning order.

If, during this period, the repair carried out were not satisfactory and the appliance were not in perfect condition to fulfil the purpose for which it had been purchased, the holder of the guarantee would have the right to have the item in question replaced by one of identical characteristics. Where this is not possible the customer would receive a refund of the price paid for the appliance.

In the 18 months following the period of cover mentioned above, FARHO will replace any part, or defective component, free of charge, including carriage expenses to the factory, as well as the corresponding labour costs involved in repairing the appliance at our installations. As a complement to the aforementioned, FARHO guarantees its heater for a further period of eighteen years, except for carriage costs, which will be paid by the user.

WARNING

FARHO will not be liable for damages produced by the possible appearance of stains on walls and ceilings provoked by dirt, dusty atmospheres or any other unhygienic circumstances of the premises where the heater is fitted.

CAUSES EXCLUDED FROM GUARANTEE

- a) Breakdowns provoked by atmospheric or geological phenomena (frost, storms, rains, etc.) as well as those arising from inappropriate voltage.
- b) Parts or components that have received knocks during carriage or the fitting operation.
- c) Cleaning operations of the appliance, or parts thereof, provoked by dirt, grease or other circumstances related to the premises where the appliance has been fitted.
- d) Modifications to original FARHO products, without consulting the factory, or using spare parts that have not been recommended by FARHO.





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LOW-CONSUMPTION FARHO ELECTRIC HEATERS

- | | |
|---|---|
| Alejandria AN <input type="checkbox"/> | Xana Plus <input type="checkbox"/> |
| Elegance TDE <input type="checkbox"/> | Heating Plus <input type="checkbox"/> |
| Elegance CDE <input type="checkbox"/> | Towel Rack <input type="checkbox"/> |
| U. C. Life Station <input type="checkbox"/> | Victory Towel Rack <input type="checkbox"/> |
| | Nova Towel Rack <input type="checkbox"/> |

Nº
W A

Voltage 220/240 V. 50/60 Hz.

Distributed by:

Purchase date: of 20

FITTER:

Name: Town/City:

Address: Phone:

USER:

Name: Town/City:

Address: Date appliance was put
into operation:

Nº Fitter's stamp

To be completed by fitter

