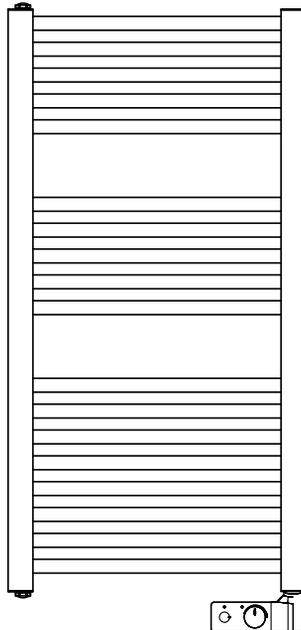


**Doris**

**Handleiding  
Engels**

**ELECTRONIC TOWEL - DRYING HEATER**

User and installation manual



## WARNING

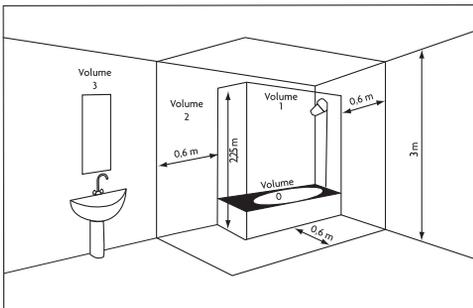
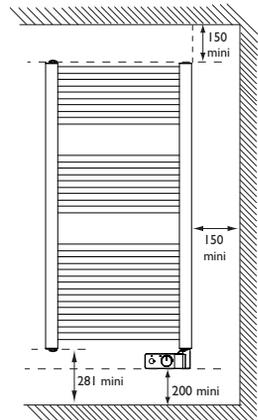
- This device is not intended for use by persons (*including children*) with physical, sensory or mental disability, or by persons lacking experience or knowledge, unless they have received from a person in charge of their safety adequate supervision or preliminary instructions on how to use the device.
- Prevent children from climbing on the device.
- Please ensure that children do not lean on the device or play close to it when it is operating : its surface may be hot enough to cause burns to their skin in some circumstances, particularly because their reflexes may not yet have been acquired or are slower than those of an adult. If there is any risk, fit a protective grill in front of the device.
- In order to avoid a hazard for very young children, this device should be installed so that the lowest heated rail is at least 600 mm above the floor.
- For safety reasons, it is strictly forbidden to top up devices. If necessary, contact the manufacturer's After-Sales Service or a qualified technician.
- Any intervention on the electrical parts must be performed by skilled staff.
- Do not insert objects or paper in the device.
- Upon first warming, a slight smell may appear, due to the evacuation of compounds used during the device's manufacturing.
- The casing may be hot, even when the device is off.
- Use suitable wall plugs when fitting on a specific support (e.g. *plasterboard wall*).

## INSTALLING THE DEVICE

### 1) Location of the device

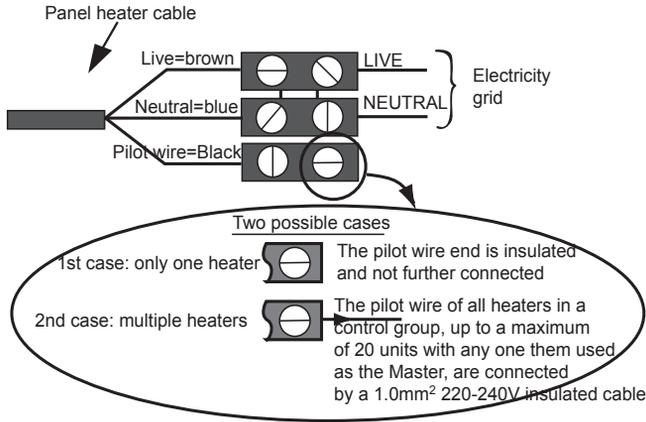
- This device was designed to be installed in residential premises. In any other case, please call your distributor.
- Installation must comply with the standards currently enforced in the country of use.
- Locate the device within minimum distances from obstacles.

**Do not install the device in a draft likely to affect its control (*under centralised mechanical ventilation, etc...*).**  
**Do no install it under a fixed mains outlet.**



<b>Volume 1</b>	No electrical device
<b>Volume 2</b>	Electrical device IPX4
<b>Volume 3</b>	(Standard EN 60335-2-43 : 2003/A2: 2008)

## 2) Connecting the device



GB

- The device must be supplied with 230V, 50Hz.
- Mains connection must be ensured using the 3-wire cable factory fitted to the heater, through a connecting box. In damp premises, such as bathrooms and kitchens, install the connecting box at least 25cm from the ground.
- The installation must comply with local national regulation.
- Ground connection is forbidden.

### Do not connect the pilot wire (black) to ground.

- If power cable is damaged or too short, to avoid any danger it must be replaced by a qualified electrician using special tools.
- If a heater pilots or is piloted by a 30mA differential (e.g. bathroom), the pilot wire supply must be protected on this differential.

## 3) Programming

The device can be controlled remotely if its pilot wire is connected to a device fitted with a programmer, a programming unit or an energy management unit.

### Chart indicating the orders the device can receive over its pilot wire

(to be measured between the pilot wire and the neutral).

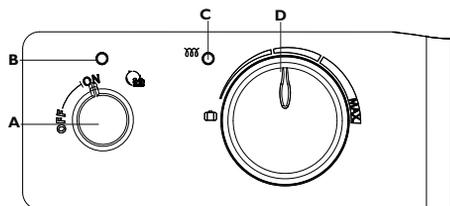
Orders received	Current absent	Full alternance 230V	Negative half-alternance -115V	Positive half-alternance +115V
Ref/neutral oscilloscope				
Mode achieved	CONFORT	ECO	STANDBY	STOP LOAD SHEDDING
Heating temperature	CONFORT setting	3°C to 4°C below CONFORT setting	Standby temperature, about 7°C	Stopping the heating immediately. Can also be used for load shedding.

## USING THE DEVICE

Your device gives you the capability of using several functions:

- **The 2h Boost function**, which enables you quickly to raise your room's temperature. Your device will operate at maximum power for 2 hours.
- **The 24h Auto function** , which enables you to repeat the 2h Boost function every 24 hours. Your device will operate at maximum power for 2 hours every day of the week at the same time.

### Control box



- A** Mode selection and control locking wheel.
- B** 2h and 24h Boost and locking function operating light
- C** Heating light
- D** Temperature setting wheel

### Central programming control (see *programmer instructions*)

Centralised programming (via the Pilot Wire) enables you to make savings by programming temperature reductions when you wish, depending on the bathroom's period of use.

### Switching on and finding the right heating temperature

The device is designed to provide the heat and comfort you require in your bathroom.

To switch on your device, position the mode selection wheel **A** to ON.

To set the device to standby mode, set the mode selection wheel **A** to OFF.

Position the temperature setting wheel **D** to . The heating light **C** lights up if the ambient temperature is less than that displayed.

Wait at least 6 hours for the temperature to stabilise.

If you are dissatisfied with the room's temperature, set the temperature setting wheel **D** to .

### How to raise the room's temperature quickly : use of the 2h Boost function

To activate the 2h Boost function, set the mode selection wheel **A** to ON; then hold down wheel **A** for approx. 1 second.

Light **B** comes on. The heating light **C** is lit.

Your device operates at maximum power for 2 hours and then returns to normal operation (*heating the room to the temperature you have chosen*).

To switch off the 2h Boost function (before 2 hours have expired), hold down wheel **A** again for approx. 1 second.

Light **B** goes out.

Your device resumes normal operation.

## How to raise the room's temperature quickly every day : how to use the 24h Auto function

To activate the 24h Auto function, set the mode selection wheel **A** to .

You can switch off this function before two hours have expired by holding down wheel **A** for approx. 1 second.

Light **B** comes on. The heating light **C** is lit.

Your device operates at maximum power for 2 hours and then returns to normal operation (*the same as when set to ON*).

When you activate the 24h Auto function, the 2h Boost function comes on.

The 2h Boost function comes on for a second time the following day 45 minutes before the programmed time for the initial start and then at the same time every day of the week.

### Example of use :

You wish to have your optimum comfort temperature at 7 AM.

On the first day, at 7AM, set the mode selection A to . Your device starts to heat at maximum power for 2 hours and then resumes normal operation after 2 hours.

On the following day and the days after, your device will heat at full power at 6:15 AM to provide your comfortable temperature at 7 AM.

To activate the 2h Boost function outside the set hours for the 24h Auto function, press the mode selection wheel **A**.

You can switch off this function before the two hours have expired by holding down wheel **A** for approx. 1 second.

Light **B** comes on. The heating light **C** is lit.

Your device operates at maximum power for 2 hours and then returns to normal operation (*the same as when set to ON*).

To switch off the 24h Auto function, change the position of the mode selection wheel **A**.

Your device resumes normal operation. The 24h Auto function is deactivated.

## Locking the controls: how to use the Locking function

This function enables you to lock the heating mode you have selected (e.g.: mode ON, temperature set with the wheel on ). It is used to prevent any untimely operation of the device (*by children, etc.*).

To activate the Locking function, hold down the mode selection wheel **A** for more than 3 seconds (*the wheel may be at any position except OFF*).

Light **B** flashes 5 times: the settings are locked.

The selected temperature cannot be altered.

You can still use the 2h Boost function by pressing wheel **A** (*if the wheel A were set to ON or *).

To switch off the Locking function, hold down the mode selection wheel **A** for more than 3 seconds.

Light **B** flashes 5 times: the settings are locked.

You can change the position of the mode selection wheel A but any changes will not be registered.



- If you change the position of the mode selection wheel **A**, light **B** flashes.
- If you change the position of the temperature setting wheel **D**, the temperature will not change.

## HOW TO INSTALL THE PEG? (FOR CHROMED MODEL)



## RECOMMENDATIONS OF USE

- It is useless to set the device to maximum power, the bathroom temperature will not rise any faster.
- For optimum heating, the towels must be arranged on the heating slats and bathrobes on the hooks provided (*Chromed Model*).
- If you will be away for more than 48 hours : set the mode selection wheel **A** to **ON** and the temperature setting wheel **D** to . Your device will keep the temperature at 7°C (±3° C).

## MAINTENANCE

- Switch off the device before any maintenance is performed.
- To maintain the performance of the device, about twice per year, clear the dust.

**Do not use abrasive products.**



The device you have just purchased was submitted to many tests and checks ensuring its quality. We thank you for your choice and trust. We hope you will be fully satisfied.

## IN CASE OF PROBLEM

**GB**

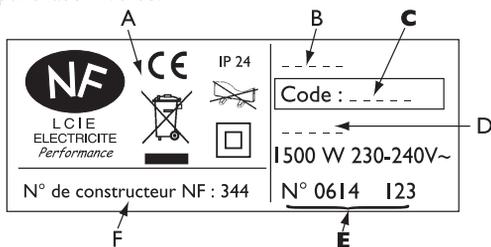
Problems Encountered	Checks to be made
The device does not heat	<ul style="list-style-type: none"> <li>- Ensure that the main circuit breakers are closed or that the overload cut-out has not cut off the supply to the advice.</li> <li>- Check the air temperature in the room.</li> </ul>
The device heats all the time	<ul style="list-style-type: none"> <li>- Check that the device is not located in a draft or that the temperature setting has not been changed.</li> <li>- There may be a fluctuation in the electricity supply. If you experience a problem (<i>thermostat locked, ...</i>), cut off the electricity supply to the towel-dryer (<i>via the fuse or circuit breaker</i>) for approx. 10 minutes and the switch it on again.</li> <li>- If you encounter the same phenomenon frequently, have your power supply checked by your local utility.</li> </ul>
The surface of the advice is very hot.	It is normal for the device to be hot when it is operating; the maximum surface temperature is limited in accordance with the prevailing standard. If, nevertheless, you think your advice is always too hot, check that the output is suitable for the size of your room ( <i>we recommend 50W / m<sup>3</sup></i> ) and that the advice is not located in a draft interfering with its automatic controls. The last elements, top and bottom, are more tepid than the rest of the advice
The last elements, top and bottom, are more tepid than the rest of the advice	<ul style="list-style-type: none"> <li>- In the case of the top one, the upper elements are not completely filled to allow for expansion of the thermodynamic fluid. They heat up only by conduction.</li> <li>- In the case of the bottom one, the lower elements channel the return fluid after it has transmitted its heat.</li> </ul>
24h Auto mode does not repeat every day.	<ul style="list-style-type: none"> <li>- Check that the electricity supply has not been interrupted at any time. The position of the mode selection wheel A may have been changed (<i>refer to the section on page 13</i>).</li> </ul>
The device does not follow the programming instructions	<ul style="list-style-type: none"> <li>- Ensure that the programmer is being used correctly (<i>please refer to the User's Manual</i>).</li> </ul>
Repetition of 24h Auto mode does not start at the desired time.	<ul style="list-style-type: none"> <li>- Check whether the electricity supply has been cut off at any time.</li> <li>- Check whether there has been a changeover from Summer to Winter time or vice versa.</li> </ul>

# WARRANTY CONDITIONS

## KEEP THIS DOCUMENT IN A SAFE PLACE

(To be presented by the user only in the event of a claim)

- The guarantee period is two years from the date of installation or purchase and may not exceed 30 months from the date of manufacture in the absence of a receipt.
- The guarantee covers the replacement and supply of components recognised as being defective, excluding any damages or interest.
- The user is responsible for any labour or transport costs.
- The guarantee does not cover any damage arising from improper installation, abnormal use or non-observance of the requirements of the said instructions for installation and use .
- The stipulations of the present guarantee conditions do not exclude any of the purchaser's legal rights of guarantee against faults or hidden defects, which are applicable in all cases under the stipulations of Articles 1641 of the Civil Code.
- Present this certificate to your distributor or installer only in the event of a claim, together with your purchase invoice.



SERIAL NUMBER\* (E): .....

TYPE OF DEVICE\* (C): .....

CUSTOMER'S NAME AND ADDRESS: .....

\* This information can be found on the information plate situated on the left-hand side of the device.



Inoxcon BV  
Duizendblad 1  
3401 LX IJsselstein  
www.inoxcon.nl