

# OPRANIC®

**NOVA series**

**LAVA series**

**14T, 18T & 23T**

User Manual (English)

Thank you for your choice of Opranic!

With the purchase of your new product, you have chosen a modern, high-quality appliance. This manual has been designed for our Opranic NOVA & LAVA 14T, 18T and 23T. You have purchased a high quality, efficient and original Opranic-IR Infrared Heater. Please read this manual thoroughly in order to attain a sustainable satisfaction with your heater. Ensure you read 'Safety Instructions' in advance and use the product correctly.

Please keep this manual in a safe place for future reference and urgent needs.

Opranic is a registered trademark by Idero AB Sweden

For information please contact your country dealer or importer on [www.opranic.com](http://www.opranic.com)

Contact:

Webb [www.opranic.com](http://www.opranic.com)

E - mail: [info@opranic.com](mailto:info@opranic.com)

Made in Turkey

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## 1. SAFETY

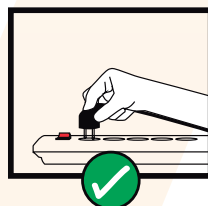
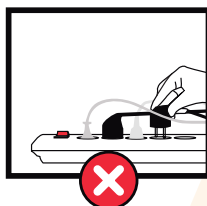
### 1.1 Safety Instruction

**Read these instructions carefully before installation and use. Keep this manual for future reference**

Check whether your appliance and power cord are damaged before operating your appliance. Check whether there is any crack, disjoint or scratch on the filament (heating tube). If any, contact with your authorized technical service. If your appliance or power cord is damaged, do not operate your appliance and return it to your technical service. Make sure that the main electricity circuit is 220-240V and 50-60Hz and the connection is fused.

Check the safety of the network. The fuse must be minimum depending on model;

- Nova / Lava 1400W - 10A
- Nova / Lava 1800W - 10A
- Nova / Lava 2300W - 10A



Do not use your Opranic heater together with another appliance plugged to the same multi-ple sockets or connected to the same fuse.

- Use your appliance with a properly earthed plug.
- The earthed plug must fall outside heating field and hot surface.
- The device shall not be used below the power socket.
- The power cord must not be left on or around the frame of your Opranic appliance.
- Unplug your appliance when you won't operate it for a long term or will conduct cleaning or maintenance.
- If the device is assembled to spaces such as bathroom, care should be taken to assemble the device so that people having shower cannot contact with the device and control buttons.
- The unit must only be used by people older than 8 years .
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

### 1.2 Specifications

model	NOVA14T	LAVA14T	NOVA18T	NOVA23T	LAVA18T	LAVA23T
power	1400W	1400W	1800W	2300W	1800W	2300W
volt	230-240V	230-240V	230-240V	230-240V	230-240V	230-240V
dimensions	14,5 x 80,5 x 23,0 cm 5,7 x 31,7 x 9,1 inch		14,5 x 92,5 x 23,0 cm 5,7 x 36,5 x 9,1 inch			

The Opranic Nova series has a lifetime of approx. 6000 hours on the heating element.  
The Opranic Lava series has a life time of approx. 8000 hours on the heating element.  
Weight 3,0Kg for 14T and 3,5Kg for 18/23T. Cable length 1,9 meter (for ALL models)

### **1.3 Safe distances required for installation, high temperature and fire protection**

- Never install your appliance on a combustible surface (plastics, nylon, carton etc.)
- During operation the surfaces of the unit are hot!
- The unit must not be fully or partially covered with inflammable materials, as overheating can result in a fire risk!
- This product is not designed to be used by children or persons with reduced physical or mental ability or a lack of experience and knowledge, unless instruction regarding the product's use has been given by a person with responsibility for their safety or that this person supervises operation. Children must be kept under supervision to ensure they do not play with the product.
- The heater is equipped with a protective grill to prevent contact or to prevent large objects from touching the hot lamp. The unit must not be used without this protective grill.
- Ensure that there are no inflammable materials gathered on or close to the heater.
- The free space to the inflammable material in the direction of radiation must be at least 1 meter.
- Do not place the heater directly under the electrical socket.
- The cable and plug must not be placed inside the hot radiant area.
- Do not stick anything into the protective grid.
- Do not make use of your heater to light up cigarette or similar materials.

#### **WARNING – TO REDUCE THE RISK OF FIRE**

1. Do not place any objects such as furniture, papers, cloths, and curtains closer than 1m (3 feet) to the front of the heater and keep them away from the sides and rear when the heater is plugged in.
2. Do not place the heater near a bed because objects such as pillows or blankets can fall off the bed and be ignited by the heater.
3. Always unplug the heater if it is not being used.
4. Avoid the use of an extension cord because the extension cord may overheat and cause a risk of fire. However, if you have to use an extension cord, the cord shall be 2mm (14 AWG) minimum size and rated not less than 10A.
5. Do not operate within 7.6m (25 feet) of flammable material (gasoline, alcohol etc.)
6. Never block the front grill of the heater.
7. Never attempt to service the heater without disconnecting its power source.

### **1.4 Maintenance and cleaning Instructions**

- Unplug your heater first. Never pull your power cable to unplug your heater.
- Never pull your power cable to unplug your heater
- Unplug power cable

When the unit is used for the first time or after a long period of disuse, smoke or odour may result from dust or dirt that has collected on the element. This is completely normal and disappears after a short time. The power supply to the unit must be disconnected during all service, repair and maintenance work. The unit has no moving parts so the maintenance requirement is small, but it must be kept clean and free from dust and dirt. If the reflector is not clean the thermal radiation from the unit will decrease and the heater will become hotter. A large amount of dirt can cause overheating. The surface of the reflector is sensitive and must be cleaned with care. If the reflector is dirty it must be cleaned or replaced by a specialist.

**1.5 Warranty**



The warranty for Opranic Nova and Lava series is 2 years. Please read the warranty section for terms for the warranty.

**1.6 Repair and Service**

Attention! Only technical services and persons authorized by Opranic may serve, repair and replace the parts of this heater.

**2. IP PROTECTION**

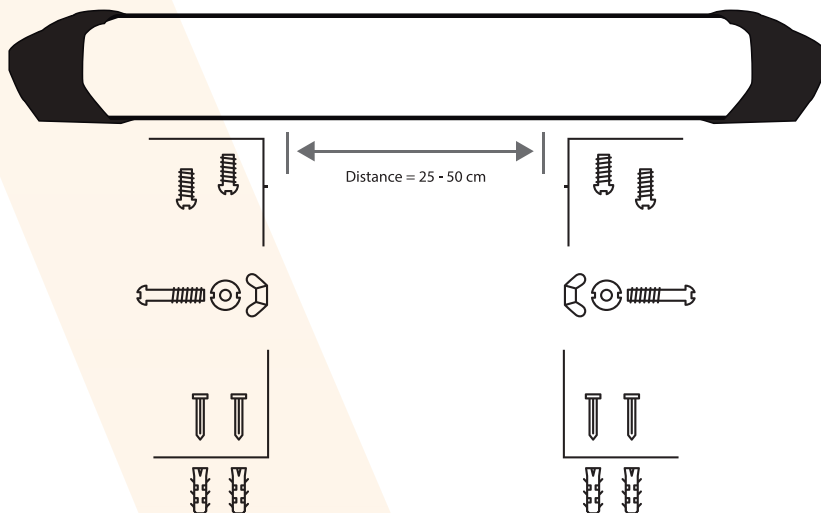
IP (Ingress Protection) code in a product is a coding system defined for indicating protecting levels provided by a case against access to dangerous section, entry of foreign materials and water and for providing additional information about such protection. Protection class number, the IP, is referred using a two digit number (IP XY). First digit (X) indicates protection against gross particles (and of course against people) and second digit refers to protection against fluids. In general, the higher the digit is, the more protection provided to the product.

<i><b>NOVA series</b></i>	<i><b>LAVA series</b></i>
	
<p>Nova series has IP34 protection</p> <p>IP34 - Splash-proof , providing protection against large objects ( hand tools ) with a diameter of 2.5 mm and against water spills from all directions.</p> <p>Electrical components in Opranic Nova heaters are manufactured in accordance with IP34 protection class and is isolated .</p> <p>Opranic Nova series can safely be used in outdoor environments.</p>	<p>Lava Series has IPX5 protection</p> <p>IPX5 - protection against water jets, provides protection against large objects ( tools ) with a diameter of 2.5 mm and spölsäkers against water from all directions.</p> <p>Electrical components in Opranic Lava heaters are manufactured according to IPX5 protection class and is isolated .</p> <p>Opranic Lava series, safely be used in outdoor environments</p>

### 3. INSTALLATION

#### 3.1 Installation Instructions

**Attention!** The appliance must be installed on the solid surfaces like concrete, wood or metal etc. Never install on flammable surfaces! (Plastics, nylon vinyl etc.)



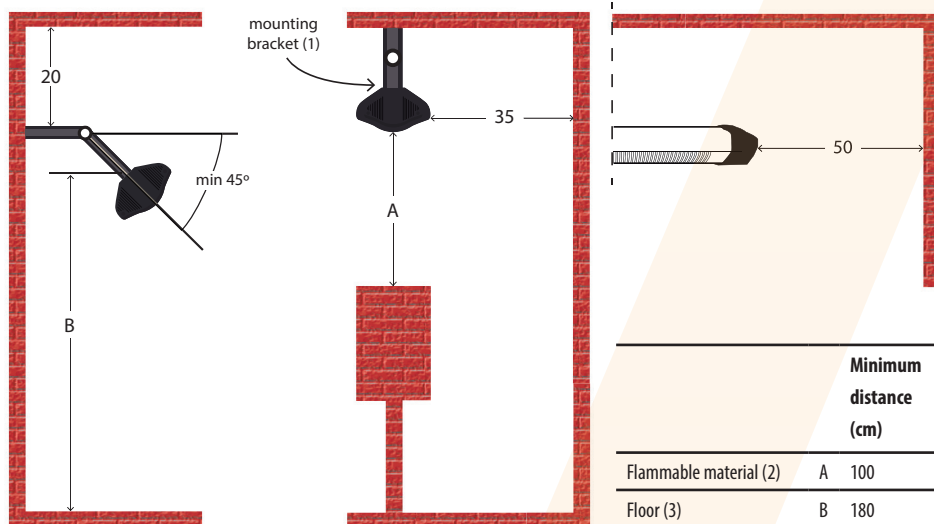
- Drill four holes on the wall to the place where the unit will be installed, with the distances.
- Insert the wall plugs (if needed), supplied with the unit, into the holes.
- Mount two of the L shaped legs on the wall using the screws supplied with the unit.
- Mount the other L legs on the unit using the four screws and the small wrench as shown in (corresponding nuts are already built in on the body of the unit)
- Mount and fix the L shape legs on the wall and on the unit respectively, using the bolts and nuts and the washers and tighten.
- Depending on the area to be heated the angle of the unit can be adjusted between 0-45 degrees by the help of M8 Bakelite head bolt and nut fixture.
- The heater can be mounted on the ceiling.

**Warning! In case of an installation on the ceiling the heater may discolour the surface depending on the surface material.**

- Before operating the unit joints should be checked once again.

### 3.2 Installation Instructions Position + Distance

For minimum safety distances in case of horizontal installations. For minimum distances from coverage area and other objects please see figure.



(1)

SE: Takfäste

GB: Ceiling bracket

DE: Decken-halterung

TU: Tavan

ES: Soporte de techo

FR: Console de montage au plafond

FI: Seinäkiinnike

NO: Takfeste

(2)

SE: Brännbart material

GB: Flammable material

DE: Entflammbares Material

TU: Yanıcı madde

ES: Material inflamable

FR: Matériau inflammable

FI: Tulenarka materiaali

NO: Brennbart materiale

(3)

SE: Golv

GB: Floor

DE: Boden

TU: Zemin

ES: Suelo

FR: Sol

FI: Lattia

NO: Gulv



### 3.3 Installation Instructions with right and wrong positions

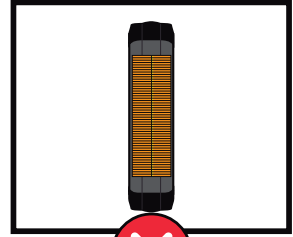
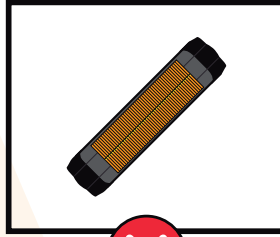
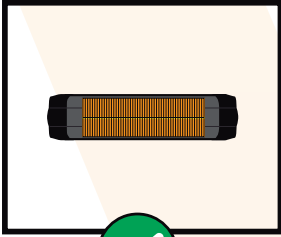
DIRECT YOUR HEATER TOWARDS THE MOST APPROPRIATE ANGLE

Do not let the light out through window, glasses etc. as the heater primarily heats the locations onto which its light falls

**NOTE: Opranic Nova and Lava series can only be used horizontally!**

**Maximum tilt / angle is 5 degrees.**

**If more than 5 degrees is used the heater will be damaged in a short time.**



## 4. OPERATING INSTRUCTIONS

Thermostatic version (Nova and Lava 14T/18T/23T, the "T" stand for thermostatic controlled)

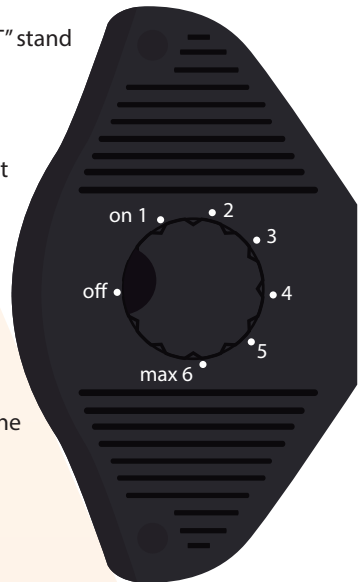
You can adjust then thermostat level according to your comfort.

The heater operates constantly when the thermostat is at the highest level.

You may reduce the energy consumption by adjusting the thermostat according to your comfort

### Switching OFF

When the appliance is not operated for long a term, cleaning or maintenance is conducted or when the location of the heater is changed, the electricity connection is turned off unplugging the power cord and adjusting the thermostat in "0" mode.



## 5. TERMS OF WARRANTY

Warranty by Opranic does not cover the defects arising out of the improper use the appliance. The warranty does not cover the situations below:

1. The damages and defects arising out of improper use.
2. The damages and defects having occurred during the transportation after the delivery of the product to the customer by the company.
3. The damages and defects arising out of low or excessive voltage, ungrounded plug usage, faulty electricity systems, operating the appliance in different voltage values other than specified in the instructions.
4. The damages and defects arising out of fire and lightening.
5. The damages and defects arising out of repairs and maintenance by persons other than Authorized Services.
6. The defects arising out of the breach of the instructions in the manual.
7. The damages and defects arising out of the transportation of the product instead of repair.

**Attention! Faulty maintenance and cleaning are not covered by the warranty.**

1. The dust and polluters in the environment.
2. Damage in the reflector or filament due to faulty cleaning.
3. Faulty installation or dismantlement.
4. Operating with damaged filament, frame or power cord.

Above mentioned defects and services are not covered by the warranty.

Should this product be proven defective in workmanship or material, the consumer's sole remedies shall be such repair or replacement as provided by the terms of this warranty. Under no circumstances shall Opranic be liable for any loss or damage, direct, consequential, or incidental, arising out of the use of or inability to use this product.

This warranty will be voided if the certificate of warranty lacks the stamp and signature of the supplier as well as the date of purchase.

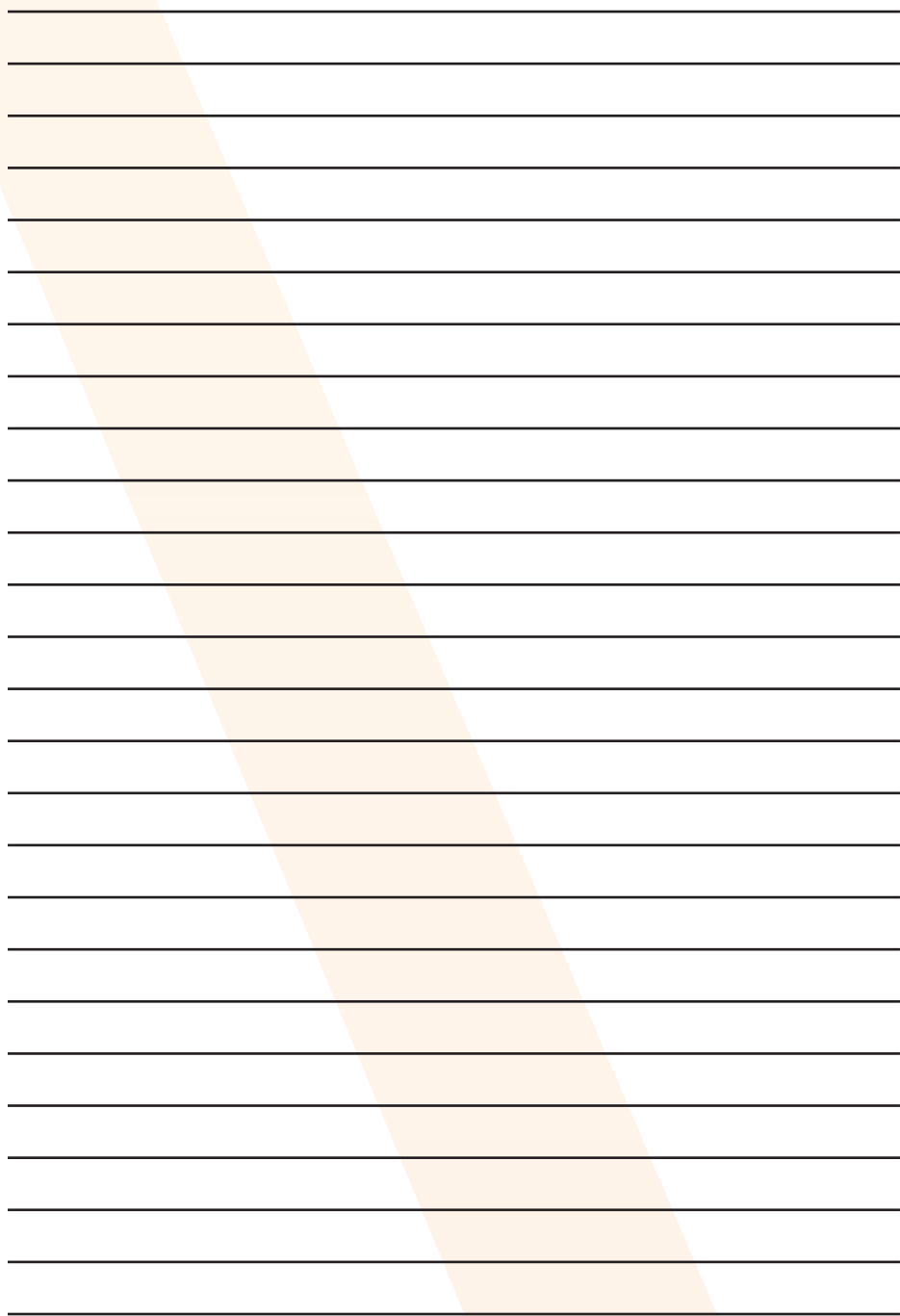
This warranty will become void if the serial number (if applicable), model number identification, or brand have been wholly or partially removed or erased.

All Opranic brand products have CE certificate



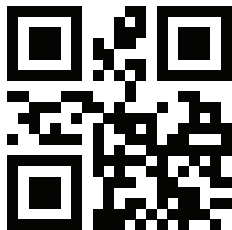
This symbol on the product or its packaging indicates that the appliance cannot be treated as normal domestic trash, but must be handed in at a collection point for recycling electric and electronic appliances.

Your contribution to the correct disposal of this product protects the environment and the health of your fellow men. Health and the environment are endangered by incorrect disposal. Further information about recycling of this product can be obtained from your local town hall, your refuse collection service, or in the store at which you bought the product.



A series of horizontal lines for writing, with a diagonal orange stripe running from the top left to the bottom right.

OPRANIC®



[www.opranic.com](http://www.opranic.com)