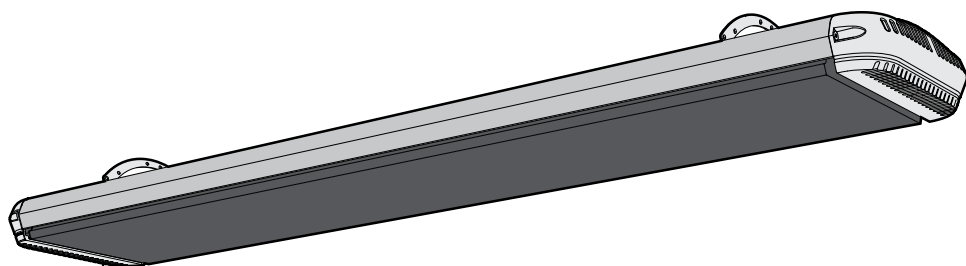


# HOT TOP

Longwave infrared heater



USE AND MANTAINANCE



**Terrasheater.nl**

uw terrasverwarming expert

Retselseweg 6 | 5473 HC | Heeswijk-Dinther



# Introduction to the product

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**HOT-TOP** is the IR-C heater which surrounds you with his soft and cozy warmth.

**HOT-TOP** is perfect in focusing its warmth in defined areas indoor or outdoor. You can use it as long as you like, since its warmth is invisible. You won't see any luminous ray, but it functions like the sun, warming the bodies instead the air. For this reason there is no need to warm-up the complete

environment for feeling good. It is perfect for restaurants, offices, supermarkets, factories and patios.

It emits no light on, but as the sun radiating bodies without heating the air, dedicating his warmth to people. Other types of heating, however, must first warm up the entire environment before you receives the benefit.



## Technical specifications

Supply voltage	220-230 V 50-60 Hz	240 V 50-60 Hz	120 V 60 Hz
Insulation class	I		
IP level	IP55		
Emission spectrum	IR-C		

# Benefits

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**HOT-TOP means soft warmth** and swaths your body making you feeling like closed to a chimney corner.

**HOT-TOP doesn't dry the air** and doesn't lift dust.

**It doesn't need gas** or propane, for this reason it doesn't emit any combustion refuse. In comparison with gas heating its maintenance is easier and cheaper.

**Its efficiency is higher,** if compared with other tubular heaters on duct, because its shape enhances the front radiating surface and decreases the warmth dispersion from the rear side. It is also for this reason that the minimum distance from the wall or the ceiling is shorter.

**The top quality material** and strongest surface casting make it more resistant than ever. Weather and use won't damage it. The tubular

resistances on duct have been vulcanized with silicon in order to make them lasting longer and longer.

**Design, engineering and production made in Italy.**

**Designed by Pino Spagnolo** it matches a decorating element with an heavy duty heater.

**The models rated IP55** are perfect for OUTDOOR use.

**It can be easily installed** on walls or ceilings. Its accessories permit you to adjust it at your desire.

**3 years warranty**

# Safety instructions

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*Instructions should be carefully read before installation and retained by the user. The booklet must be kept and delivered to the new user in case of cession of the machine. The Manufacturer reserves the right to vary the features of the product without prior notice. The technical data are merely indicative.*

1. This appliance is intended solely for the use it has been designed for, namely room and people heating. The Manufacturer is not responsible for any damage that could happen for improper use.
2. After unpacking make sure that the appliance is complete and shows no signs of visible damage or tampering.
3. The device can be used by children at least 8 years (as well as by persons with reduced physical, sensory or mental capabilities, or lack of experience or required knowledge) provided that they are under surveillance, or after they have been instructed relating to the safe use and have understood the potential dangers. Children should not play with the appliance. Cleaning and maintenance must be performed by the user and not by unsupervised children.
4.
  - Children of less than 3 years should be kept away unless continuously supervised.
  - Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
  - Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.

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5. Children should be supervised to ensure that they do not play with the appliance.
  6. Do not use in presence of gas, inflammable or explosive liquids or substances. Defined in BS5345.
  7. Some fundamental rules which apply to all electrical devices must be observed when using the heater:
    - Do not touch the heater with wet hands.
    - Do not handle with bare feet.
    - Do not let children play with the electrical appliance.
  8. Do not apply any modification to the product.
  9. Keep connections dry.
  10. If the power supply cord is damaged, avoid to use the appliance. For power cord replacing, please contact the manufacturer or the technical service or a person with similar qualification, in order to avoid any risk.
  11. If the appliance is not used for a long period, disconnect it from the power supply.



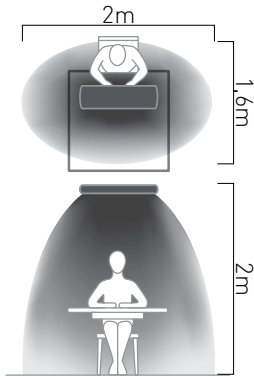
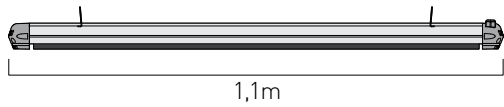
*This heating appliance does not feature a device to control ambient temperature.*

*Do not use it in small rooms used by people who are unable to leave such rooms on their own unless they are under constant surveillance.*

*All users should be made aware of all aspects of operation and safety and these instructions should be retained for reference.*

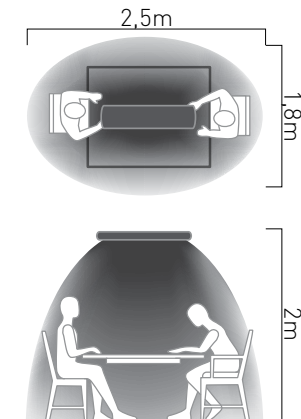
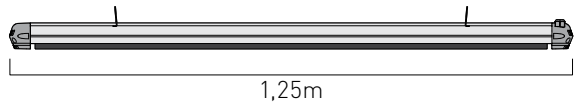
# Model and warmth diffusion

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## Small

POWER 1500W  
RADIATE AREA 3150cm<sup>2</sup>  
RANGE 5 m<sup>2</sup>  
WEIGHT 5,7kg

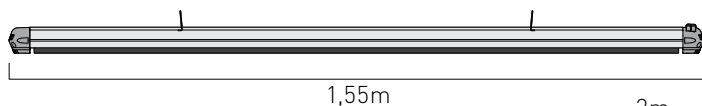


## Medium

POWER 1800W  
RADIATE AREA 3650cm<sup>2</sup>  
RANGE 7 m<sup>2</sup>  
WEIGHT 6,4kg

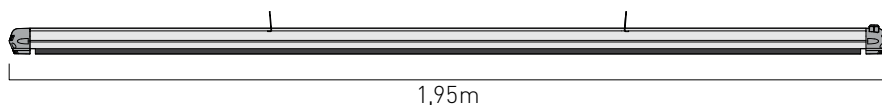
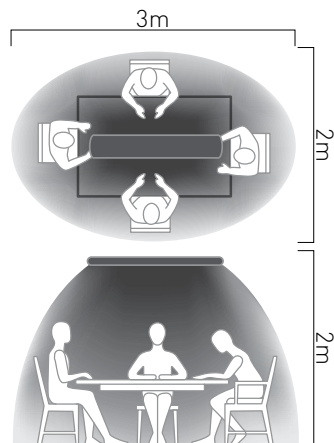
Temperature increase      +5                      +10                      +16

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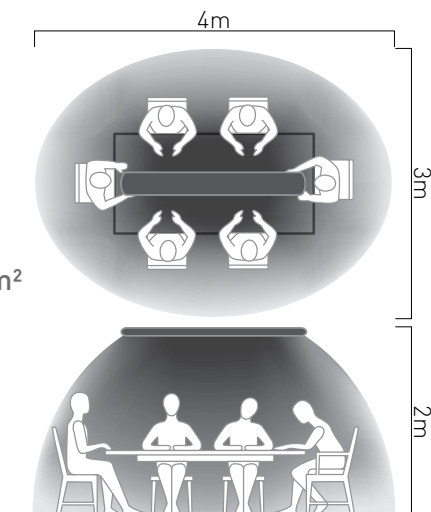
## Large

POWER 2400W  
RADIATE AREA 4575cm<sup>2</sup>  
RANGE 9 m<sup>2</sup>  
WEIGHT 7,8kg



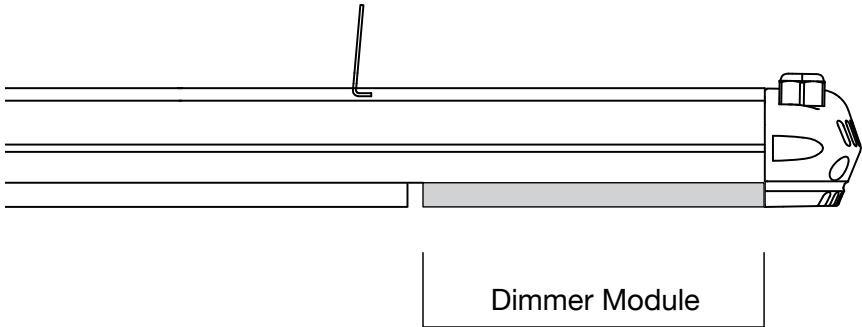
## Extra Large

POWER 3200W  
RADIATE AREA 5850cm<sup>2</sup>  
RANGE 12 m<sup>2</sup>  
WEIGHT 9,8kg



# Remote-controlled model

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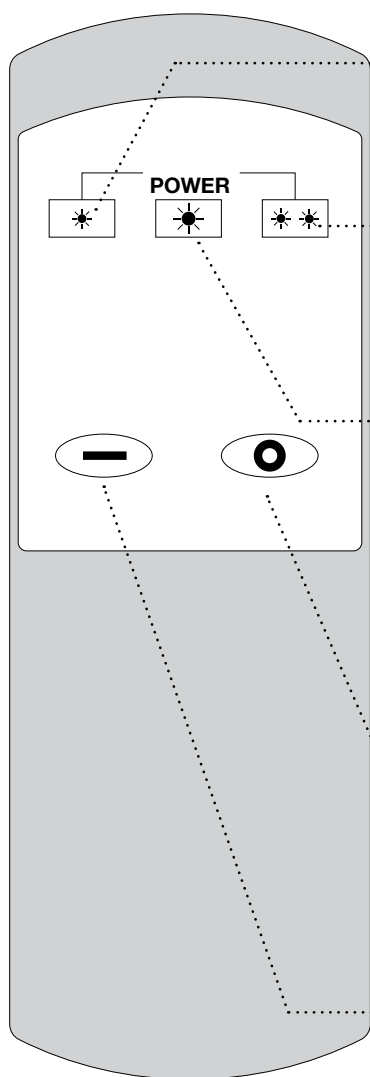


For maximum flexibility all models are available with dimmer to adjust the intensity of the heater comfortably by remote control.

The length of each model increases by 15 cm, while the width and height remain unchanged.

- Insert into the remote control 2 batteries 1.5V AAA (not included), matching the polarities.
- Connecting the machine: the blue LED lights flashing.
- Use the remote control as shown in figure.





**LOW**

select 1/3 of power:  
the blue LED lights  
on.

**HIGH**

select max power:  
the red LED lights  
on.

**MED**

select 2/3 of power:  
the violet LED lights  
on.

**ON**

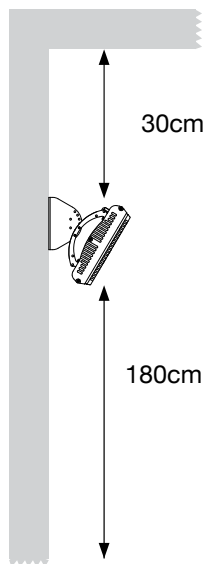
ignition device,  
which leads LOW  
power.

**OFF**

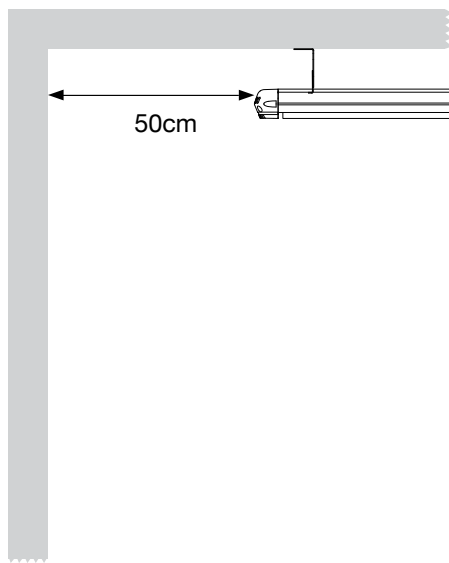
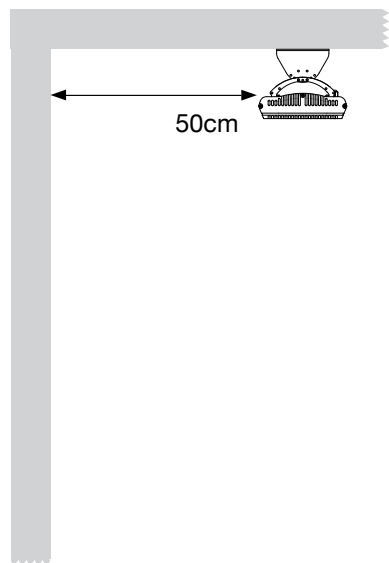
shutdown device.

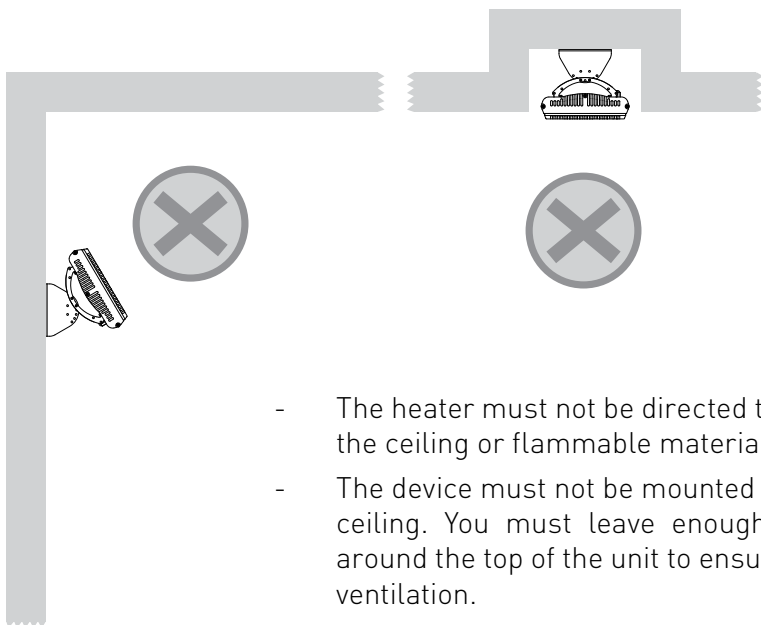
# Safety distances

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- The heater must be installed at a minimum height of 180 cm.
- If installed in a toilet, the height should be 225 cm in zone 1 and zone 2; in zone 3 the minimum above ground level is 180 cm, according with the rules of each Country.
- A minimum air gap of 30 cm should always be allowed between the top of the heater and a ceiling or roof. The appliance should be 50 cm far from the walls





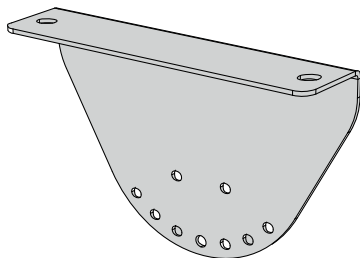
- The heater must not be directed towards the ceiling or flammable materials.
- The device must not be mounted into the ceiling. You must leave enough space around the top of the unit to ensure good ventilation.
- Do not use the heater in close proximity of a bath, shower or swimming pool.
- If there is nobody in the room to be heated, it is recommended to turn off the unit.



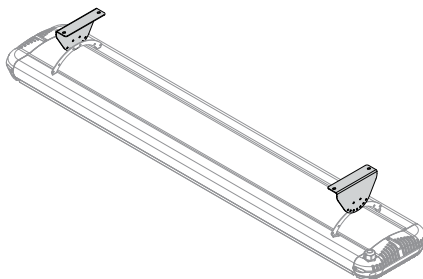
*Wait 15-20 minutes after power to reach the maximum temperature.*

## Provided wall/ceiling support

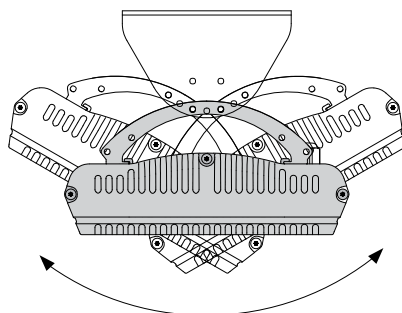
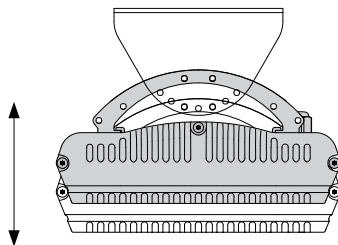
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cod. 004456

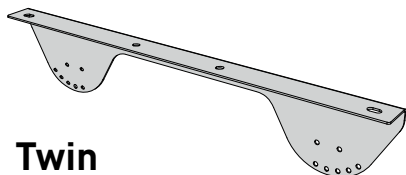


The support to be fixed to the wall presents a series of holes that allow to fix the heater in different positions.



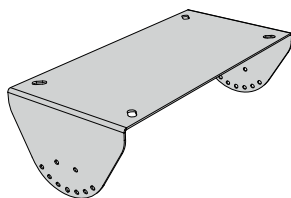
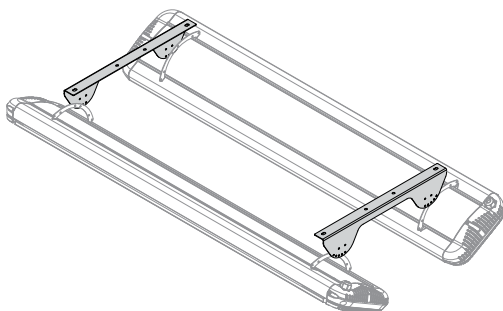
## Optional supports

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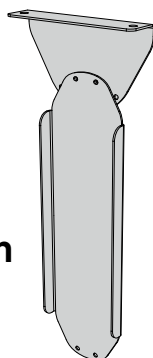
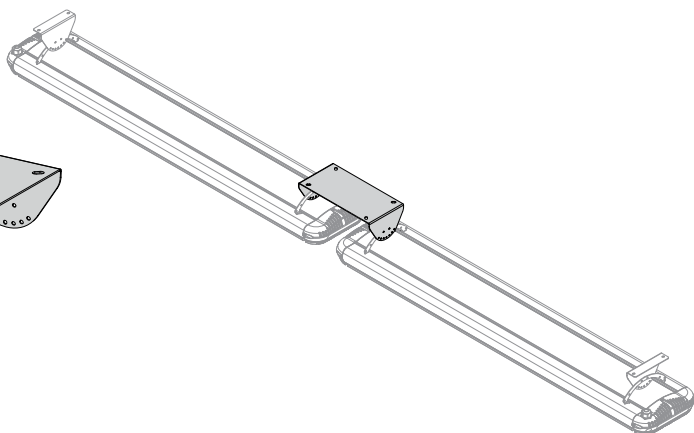
### **Twin**

cod. 7704



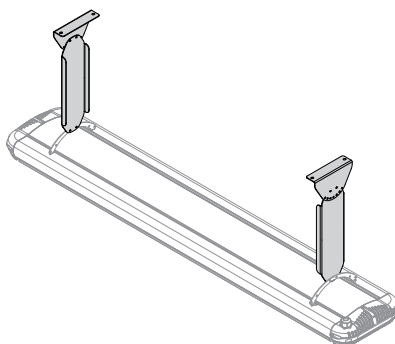
### **End to end**

cod. 7705



### **Extension**

cod. 7706

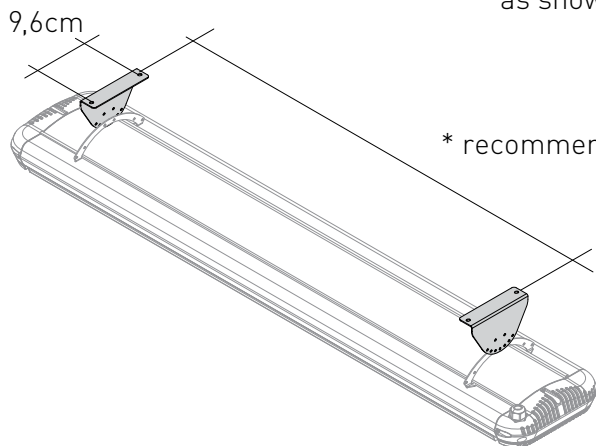


# Mounting



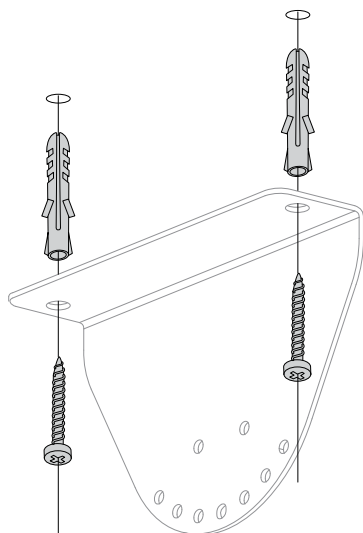
*Before being used, the heater must be fixed to the wall or to the ceiling by means of the provided supports.*

1. Drill four holes in the wall as shown below.

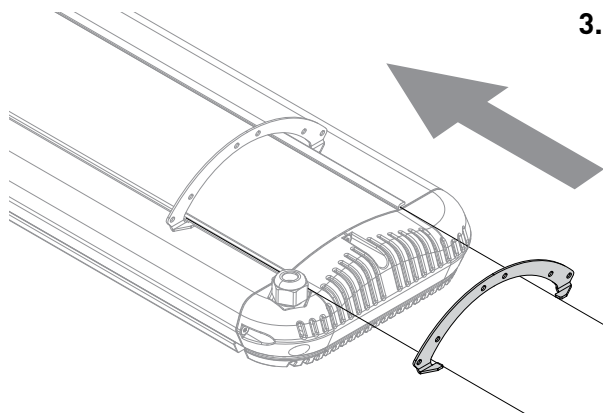


Small 80cm\*  
Medium 95cm\*  
Large 125cm\*  
Extra Large 180cm\*

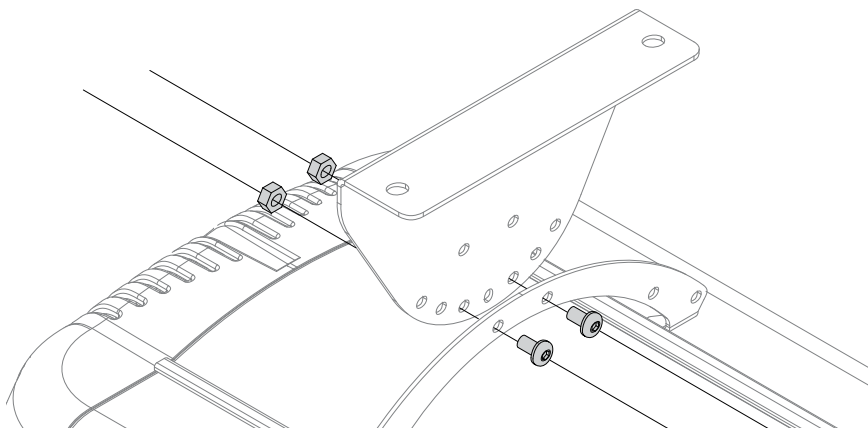
2. Fix the two supports to the wall using dowels of appropriate size.



*Ensure that the wall where you intend to attach the device is solid and that within it do not pass electric cables or water pipes.*



- 3.** Insert the arch-shaped support in the special rail on the upper side of the device.



- 4.** Align the holes of the supports and join them together using the supplied bolts, setting the desired inclination.

Ensure that the heater turns her rays in the area to be heated.  
Firmly tighten the screws when finished.

# Electrical installation

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## Warnings



*Before connecting the appliance make sure that the voltage is the same as indicated on the device and the line supply is corresponding to the effective rules.*

The installation should always be carried out by a qualified electrician or a competent person in accordance with the current electrical standards:

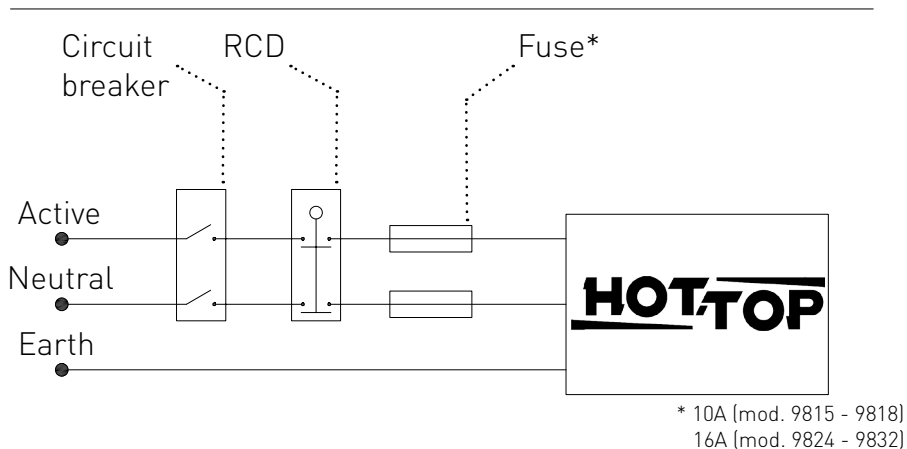
HD 384 CENELEC for Mainland Europe, IEC 60446 and BS 7671 for the United Kingdom, IEC 60445(2010) & ET101:2008 for Ireland and IEC 60364-7-708 1988 Internationally.

The energy supply to the heater must always be properly earthed. The appliance must be connected to energy supply line by means of the provided H05SS-F silicone cable.

An overvoltage category III Combined Circuit breaker and Residual Current Device (RCD) with rated earth leakage operation not exceeding 30mA must be fitted upstream on the supply line. The circuit breaker must have a contact opening distance of at least 3 mm.

The product is in class I and IP55, which is the protection rate for the units to be used even outdoor. For keeping the protection rate of the appliance, the connection of the appliance with the power supply must be done by means of a minimum IP55 system, as per the standards HD 384 CENELEC for Europe, or international IEC 60346-7-708 1988.





## Additional information

- Under no circumstances turn the appliance on if it is on any surface.
- A safety distance of not less than 100 cm should always be left in front of the heaters or too near.
- The appliance must not be located neither directly below, nor in front of a socket-outlet.
- The heater must be installed so as to prevent that the switches can be touched from those who are in the shower.
- Avoid the use of an extension cord with this product, because the extension cord may overheat and cause a risk of fire.
- Ensure that there is no possibility of inflammable material, combustible material or curtains coming into contact with the heater, or lie near the heater.

## Care and cleaning

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*Before cleaning, be sure the appliance is disconnected from the power supply and allowed to cool.  
Never immerse the appliance in water or any other liquid.*

To clean, use a soft damp cloth and then dry thoroughly. Make sure all parts are dry before using again.

Avoid the use of harsh detergents, solvents, and abrasive or aerosol cleaners as they may damage surfaces.

## Technical service

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*Always disconnect the appliance before doing any maintenance operation.  
Cleaning and maintenance must be performed by the user and not by unsupervised children.*

To avoid risk of failures it is necessary to operate the unit for a few hours every 6 months.

If you have any question relevant your appliance, call the local authorized distributor or the nearest Service Centre. Every repairs should be carried on by an authorized Service Centre and also ask always for original spare parts.

# Disposal

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*This product conforms to EU Directive 2002/96/EC.*

*This appliance bears the symbol of the barred waste bin. This indicates that, at the end of its useful life, it must not be disposed of as domestic waste, but must be taken to a collection centre for waste electrical and electronic equipment, or returned to a retailer on purchase of a replacement.*

It is the user's responsibility to dispose of this appliance through the appropriate channels at the end of its useful life. Failure to do so may incur the penalties established by laws governing waste disposal.

Appropriate separate collection for the subsequent dispatch of the appliance for recycling, treatment and environmentally compatible disposal helps prevent negative impact on the environment and human health and promotes recycling of the materials making up the product.

For more detailed information regarding the collection systems available, contact your local waste disposal service or the shop where you purchased the product.

Producers and importers comply with their responsibility for the recycling, treatment, environmentally friendly disposal, either directly or by participating in a collective system.