
INSTALLATION AND OPERATING MANUAL

HEATSCOPE®

PURE

3000 W



The radiant heater with a glass-ceramic front

MHS-PE3000AB · Black / MHS-PE3000WT · White

GB

Translated personalised edition · Radiant Heater

Records and diagrams from the HEATSCOPE documentation. Read before installation and keep with the device.

BEFORE YOU START

Your PURE 3000 W

This manual concerns the HEATSCOPE® PURE 3000 W heater with a glass-ceramic front, PE series, in black and white finishes. Check the reference on your device's rating plate before installation.

Black finish	MHS-PE3000AB
White finish	MHS-PE3000WT

Read, install, store

The installation and first entry into service shall be carried out by an approved professional. Follow HEATSCOPE instructions and local construction and fire prevention requirements. Keep this manual and transmit it with the device in case of transfer.

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01 / SAFETY

Protecting people

Installation and first entry into service by an approved professional.

Local safety and fire prevention instructions for buildings should be followed. **WARNING:** This device is not equipped with an ambient temperature regulator. It shall not be used in small rooms inhabited by persons unable to travel without assistance, except in the case of continuous supervision. Be very vigilant during use. Children under 3 years of age should be kept away, except under constant supervision. Children between 3 and 8 years of age may turn on and off the device under supervision, or after receiving the necessary instructions for use and safety, provided that the device is properly installed. **WARNING:** parts of the apparatus become very hot and can cause burns. Closer supervision is needed in the presence of children or persons whose physical, sensory or mental abilities are impaired, or who lack experience or knowledge. Children between 3 and 8 years of age must not connect, adjust, clean or maintain the appliance. Children over the age of 8 years and persons whose physical, sensory or mental abilities are impaired, or who lack experience or knowledge, may use the device under supervision or after receiving instructions for use and safety, and after being informed of possible risks. Children should not play with the device. Cleaning and maintenance should not be carried out by children without supervision. Never leave the device unattended. Watch the children so they don't play with the heater, don't light it involuntarily and do not change its settings.

01 / SAFETY

Check and protect the device

01. Check that the heater and its accessories are complete and undamaged. If the aluminium body or reflector is deformed or damaged, if a heating element is broken, or if the glass-ceramic front has cracks, breakages or deterioration, do not use the apparatus. Disconnect power and contact your dealer or manufacturer. The cord must not be crushed, stuck or damaged. Label any defective device to prevent its return to service. 02. Use only accessories provided or approved by the supplier. Replacement of the cable or other parts must be performed by a professional recommended by the supplier. The connection of the power cable is carried out in an appropriate junction box suitable for damp conditions, class IP65 according to IEC or UL/CSA, not supplied. 03. The PURE is rated IP65. However, respect all the mounting instructions and the safety distances of this manual. 04. After the heater is energized, it reaches its operating power in about 20 to 30 seconds, according to the manufacturer's PURE data sheet. 05. Risk of burn: the glass-ceramic front becomes very hot. Never cover the device, even partially. Do not touch any part of the heater during operation or for 30 minutes after shutdown. 06. Never use the heater to dry textiles or other materials. Covering it can cause a fire. Keep textiles and other flammable materials at least 150

cm from the heating surface.

07. Cables, furniture, curtains and other objects must not touch the heater. Never cover or surround the unit with insulating material. Ensure adequate ventilation at all times. Do not cut notches in beams or structural components to install the heater. The lower edge must be at least 180 cm above the floor; also observe the distances to the wall and ceiling.

01 / SAFETY

Secure electrical installation

08. Before cleaning, carrying out work or replacing a front element, disconnect the heater from its power source. Wait until the heating elements stop glowing and the housing has cooled. 09. The heater has two all-pole ON/OFF switches, each linked to one heating element. It is controlled manually on the unit. The installation must include

residual-current protection and fuse protection.

10. The apparatus shall be connected to the electrical circuit by an approved disconnection device in accordance with safety standards. It is provided with a free end connection cable, without mains plug. 11. Replacement of the cable or direct connection shall be carried out by a professional approved by the supplier. The heating elements and other components shall be replaced only by an approved service. Repairs performed by the user or an unauthorized third party are not covered by the warranty; incorrect repair or non-compliant installation results in loss of the manufacturer warranty. 12. Improper installation or inadequate connection to the network can create significant contact resistance and cause overheating. If a carbon heating element overheats as a result of mounting or connecting errors, the filaments melt and interrupt the current. The elements also cease to function after mechanical rupture of the quartz tube. A connection note accompanies each device. 13. Do not install the heater directly under an electrical outlet or power supply. Keep

at least 20 cm between the heater's sides and a socket. Sockets must remain

accessible and corresponding to the characteristics specified in the manufacturer's notice: 220-240 V AC, 50/60 Hz, 16 A with 16 A protection. No other equipment shall be connected to this power source.

01 / SAFETY

Water, environment and maintenance

14. Do not install the heater in damp rooms such as a bathroom, spa or swimming pool. The manufacturer's manual states minimum distances of 100 cm from a bath or shower and 200 cm from a pool. Switches and controls must never be accessible to anyone in the water or in direct contact with it. The manual refers to DIN VDE 0100-701 and specifies the requirements for infrared heaters in bathrooms: at least one heating element must glow visibly as soon as the heater is switched on. Installation in this environment must be examined by the professional and manufacturer. 15. Do not install or use the heater in an atmosphere containing chlorine, particularly near a swimming pool, or with a high salt content, particularly by the sea. 16. Before cleaning or maintenance, fully disconnect the heater from its supply. Wait until the elements stop glowing, the housing has cooled and at least 30 minutes have passed since its last use. Clean surfaces using only a damp cloth. Do not use alkaline substances, sodium hydroxide, soap, surfactants or solvents, including alcohol. Use only a very soft cloth or soft brush on the reflector and heating elements.

17. Always switch the heater off after use.

Intervention and repair

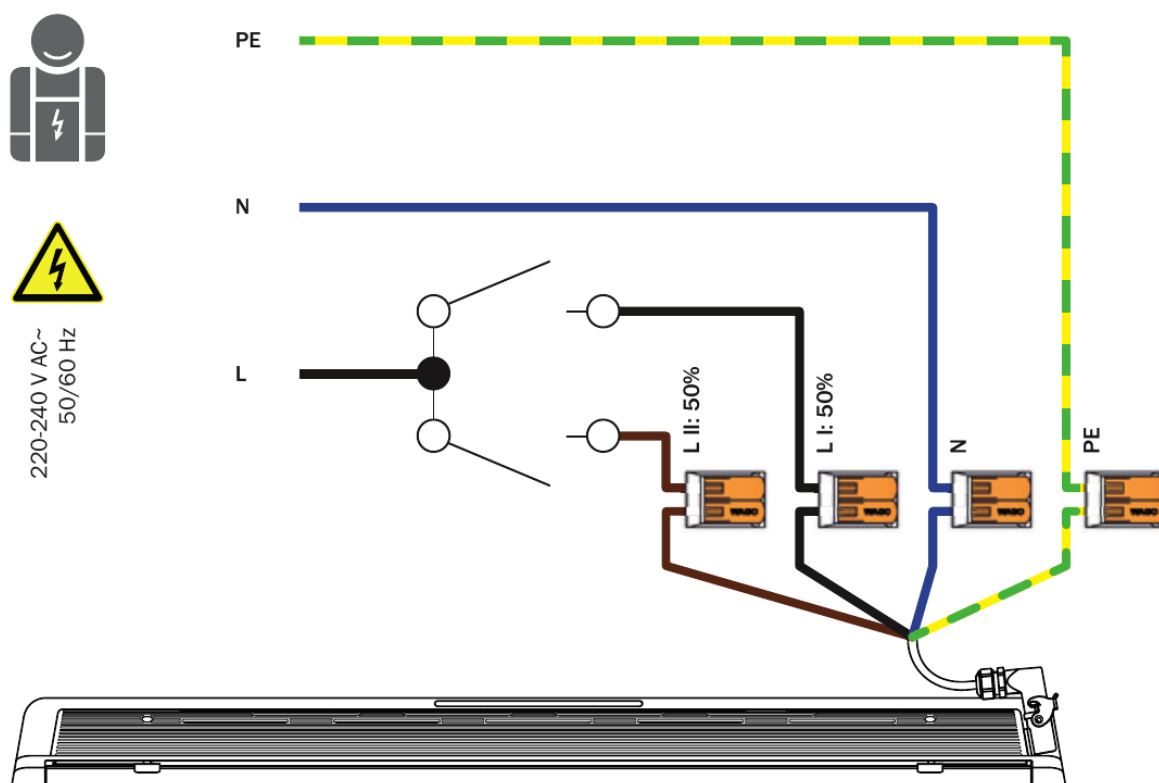
Modifications, repairs and replacement of parts must be carried out by a person approved by the supplier. If the unit is damaged, take it out of service and contact Radiant Heater before using it again.

02 / ELECTRICAL CONNECTION

Electrical connection

Connection reserved for an approved professional.

The diagram below reproduces the manufacturer's wiring diagram. Provide the isolation device and protective devices on the installation side.



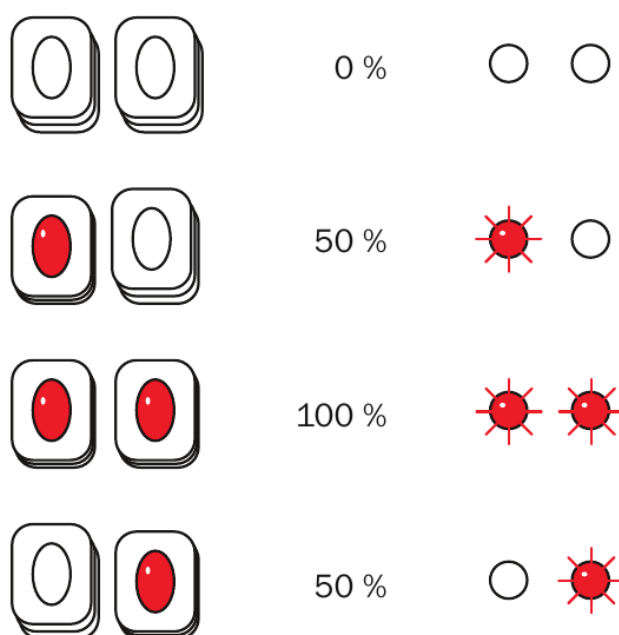
L	Live conductor
N	Neutral
PE	Protective conductor (earth)
I and II	Power supplies for both heating elements

Power supply: 220-240 V AC, 50/60 Hz. The colours and marks of the manufacturer's diagram have been retained.

03 / OPERATION

Controlling the heat

The PURE has two ON/OFF switches, each controlling one heating element. The combinations below select off, half power or full power.



Both elements off	0 %
One element on	50 %
Both elements on	100 %

External Control and SmartBox

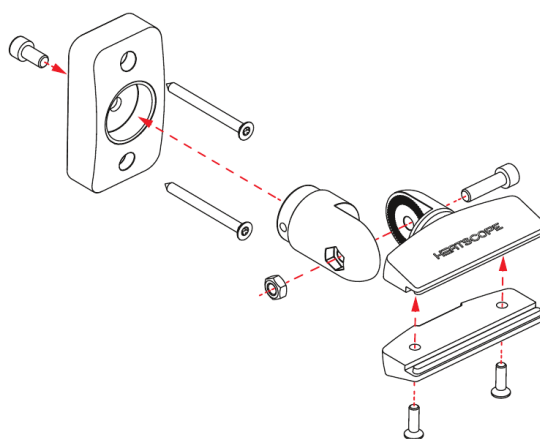
The PURE can be connected to a suitable external control system. Remote operation requires a compatible SmartBox, providing ON/OFF, 100% and 50% functions. Refer to the SmartBox manual for your equipment. Switch the heater off after use.

04 / MOUNTING

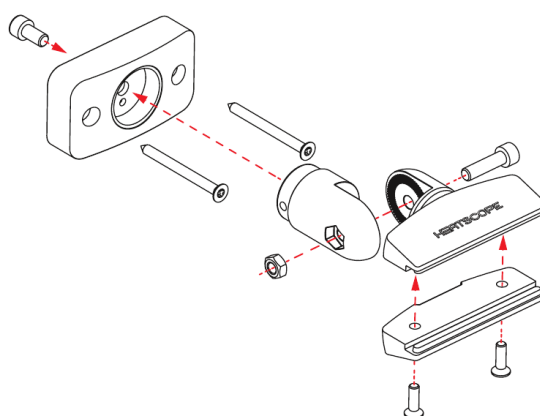
The two bracket versions

The diagrams show the support versions in the manufacturer's manual. Use the version corresponding to the accessories delivered with your device. The fastening is based on a mounting bracket and its complete assembly.

VERSION .01



VERSION .02

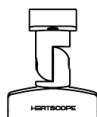


Manufacturer diagrams: version .01 at the top, version .02 at the bottom. Use only the accessories provided or approved.

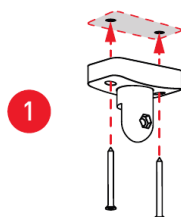
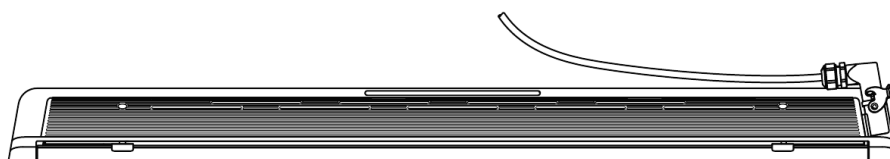
04 / MOUNTING

Assembly - steps 1 and 2

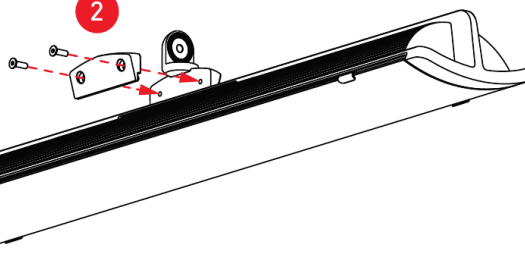
1X



1X



2

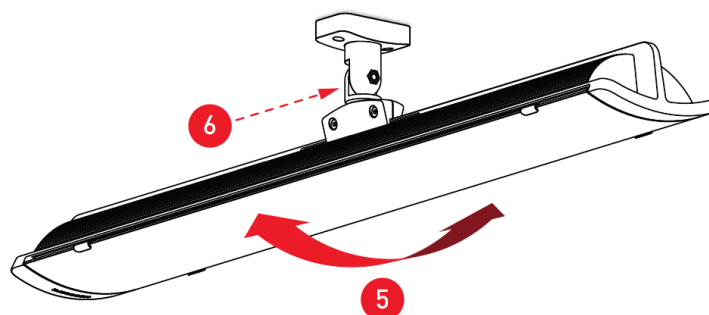
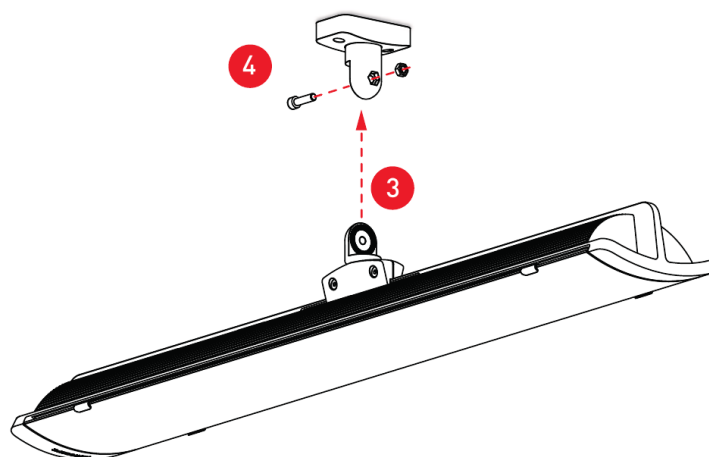


Present the support and engage the attachment assembly in the heater housing, according to the steps represented.

Respect the safety distances before commissioning.

04 / MOUNTING

Mounting - steps 3 to 6

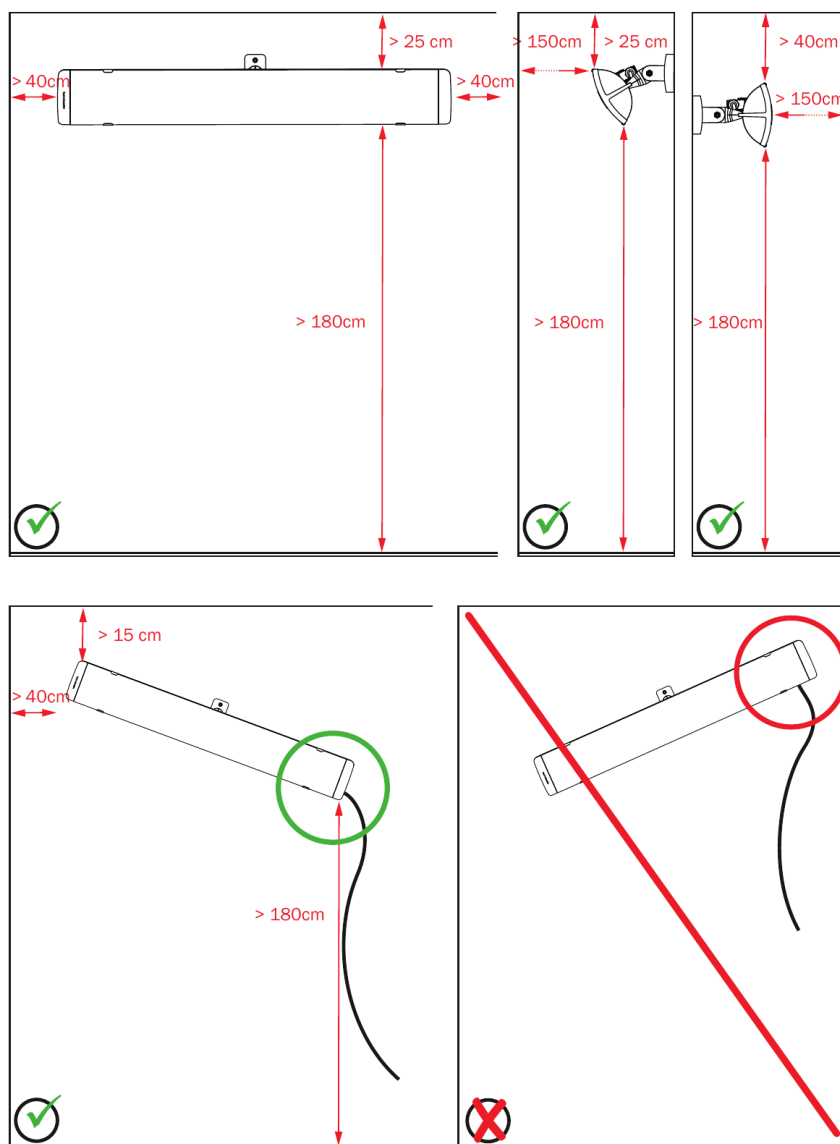


Position, assemble and adjust the heater's orientation following the manufacturer's sequence. Check that the assembly is secure and all fasteners are tight.

Respect the safety distances before commissioning.

05 / SAFETY CLEARANCES

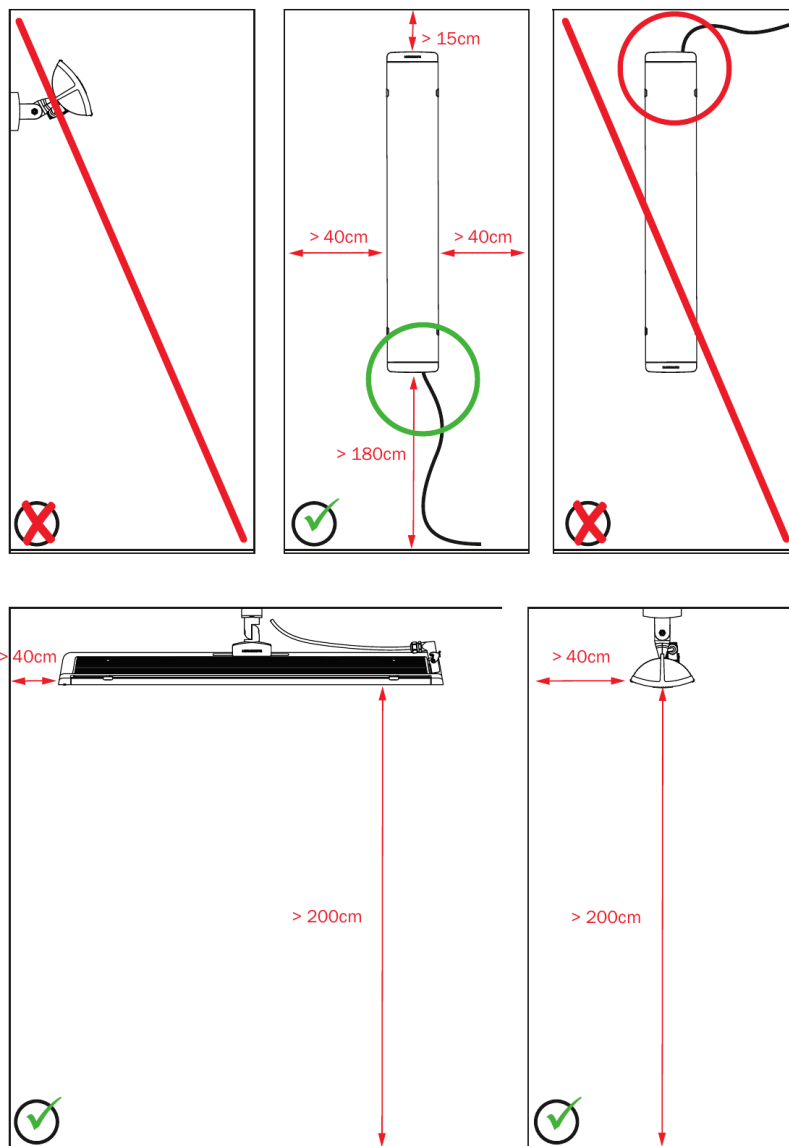
Wall mounting - clearances



Respect the authorized distances and orientations in each configuration. Flammable textiles and materials shall remain at least 150 cm from the heating surface.

05 / SAFETY CLEARANCES

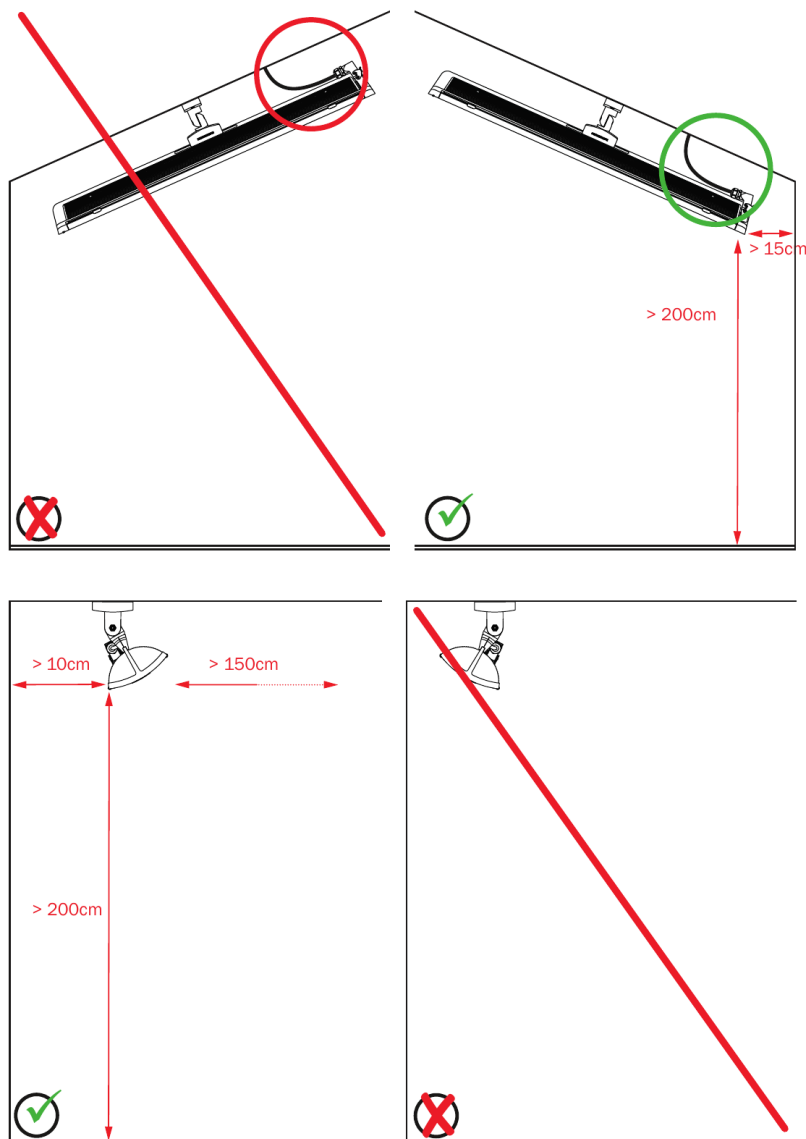
Orientation and ceiling mounting



Red crosses indicate the prohibited orientations or placements; green ticks indicate the configurations illustrated by the manufacturer.

05 / SAFETY CLEARANCES

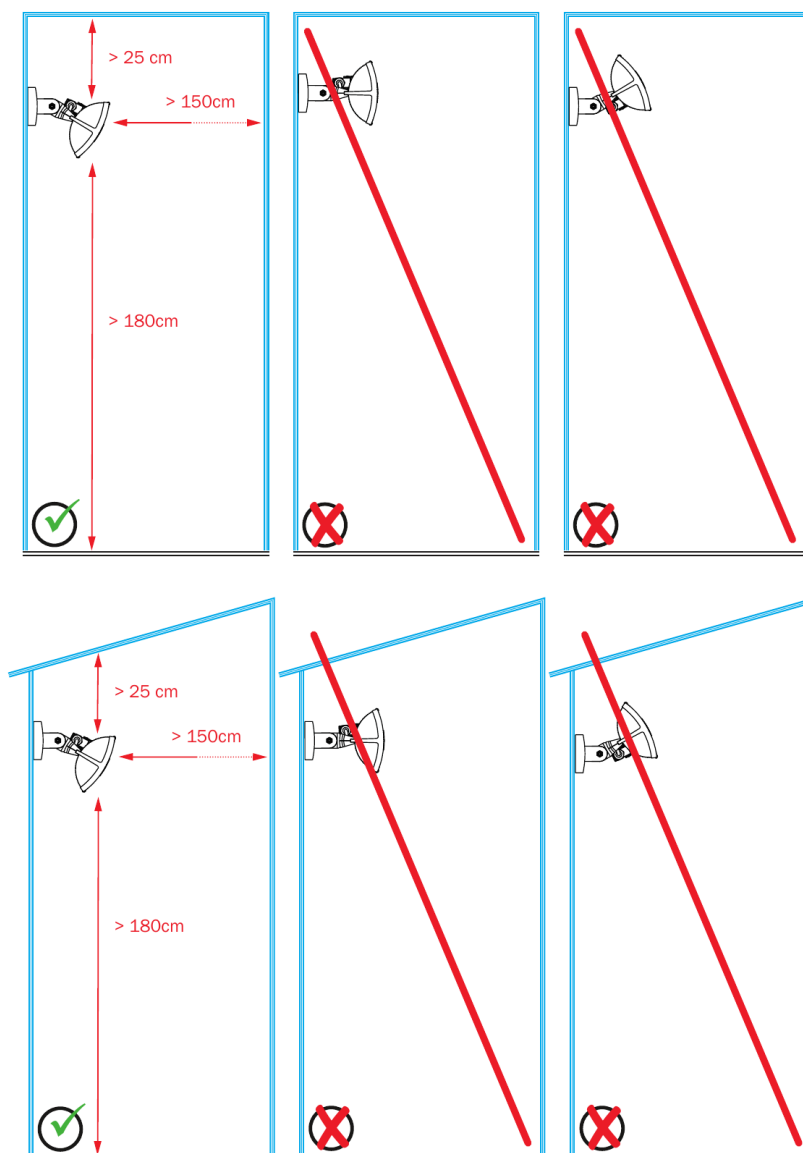
Ceiling mounting



Distances vary according to the orientation of the apparatus and the mounting situation. Apply all the dimensions of the drawing corresponding to your installation.

05 / SAFETY CLEARANCES

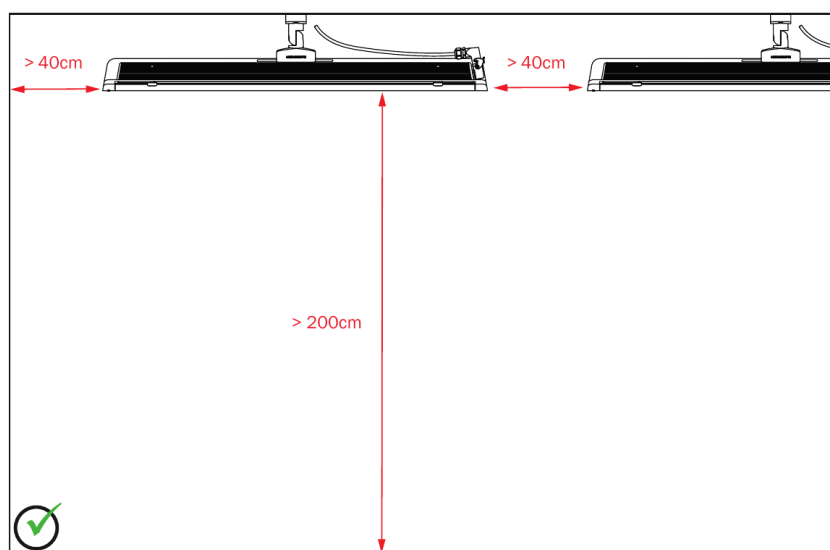
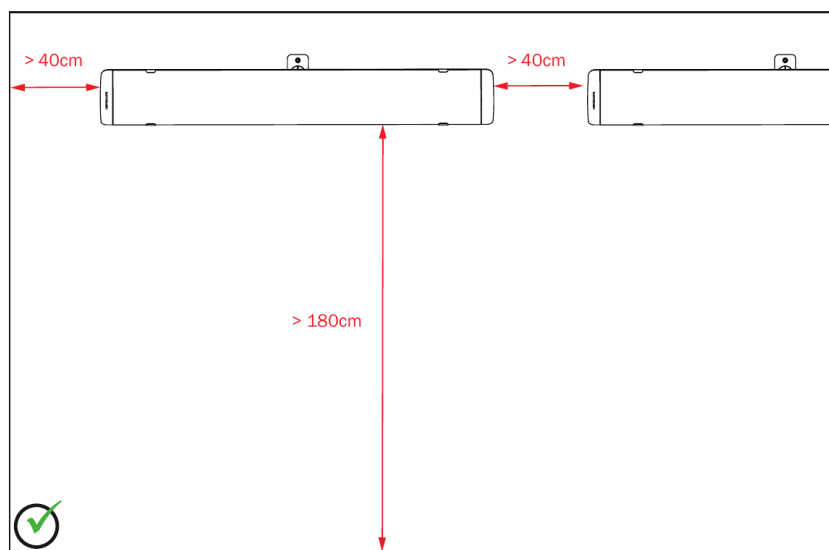
Glass surfaces



The particular dimensions of the glass walls add to the general distances. Keep the direction and clearances indicated by the manufacturer.

05 / SAFETY CLEARANCES

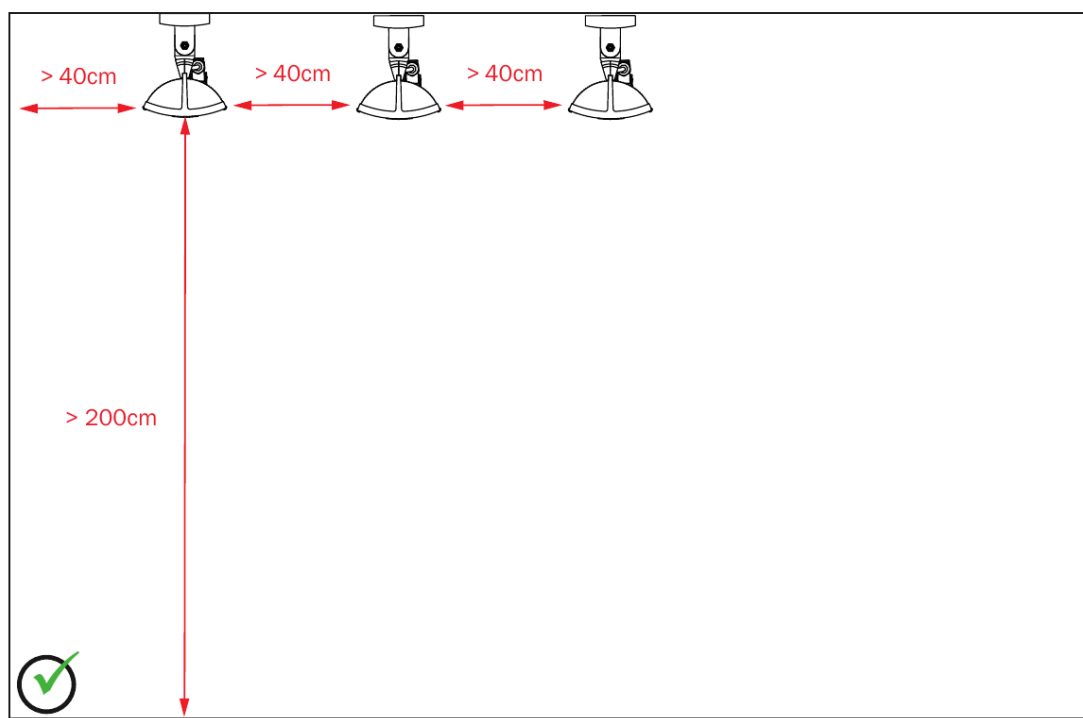
Additional clearances



Respect the frontal and lateral distances, as well as the clearances specific to each installation situation.

05 / SAFETY CLEARANCES

Inter-device spacing



This manufacturer's configuration specifies the lateral clearances, the spacing between the devices and the mounting height.

Minimum distances, local requirements

The distances shown are minimum values. Local building and fire prevention rules may require additional protection, particularly on combustible mounting surfaces. Any configuration that differs from the instructions requires the manufacturer's technical approval. An unapproved installation may be hazardous and invalidate the manufacturer's warranty.

06 / INSTALLATION

Preparing for commissioning

Unpack and check

Unpack the heater and its accessories with care. Do not use cutting object that could damage the device. Packaging may be recycled in the appropriate channels, in accordance with local provisions. Before installation, check that the network voltage matches the voltage indicated on the rating plate. The instructions are for standard models; dimensions and requirements may differ for special manufacture.

Preparing the mounting surface

The heater is designed for wall or ceiling mounting. Check the strength of the mounting surface. The fixings must withstand tensile and shear forces corresponding to at

least three times the heater's weight, including accessories. Use screws suited to the

mounting surface and supplied accessories. One mounting bracket is sufficient for the assembly specified by the manufacturer. Follow all mounting diagrams and minimum distances on pages 09 to 17.

Check before turning on

Cables must never come into contact with the heater surface. The heater must not be placed directly under a socket; keep at least 20 cm between its sides and the adjacent sockets. Ensure adequate ventilation. The first entry into service shall be carried out after the professional has checked the installation, connection, protective devices and the environment.

Indoor use

The manufacturer's documentation includes a thermostatic control suitable for indoor installation. The functions and control data taken from the manual are presented on page 22. The PURE is delivered without integrated thermostat.

07 / MAINTENANCE

Clean and preserve your PURE

Cut power and wait at least 30 minutes.

Before any cleaning or maintenance operation, disconnect the appliance from its power source. For a fixed connection, cut power on all poles. Make sure the heater is completely cooled.

Front and surfaces

Clean the surfaces only with a slightly damp and very soft cloth. Before first use, also wipe the appliance with a damp fabric. Never use products containing alkaline substances, sodium hydroxide, soap, surfactants, solvents or alcohol.

Reflector and heating elements

Use only a very soft cloth or a soft brush. Do not make any changes and do not replace any parts without intervention from the service approved by the supplier.

In case of a fault

Stop the heater and disconnect its power supply. Do not use a device with cracked facade, deformation, deteriorated cable or broken heating element. Identify it as defective and contact your dealer.

Deactivation and end of life

When the heater reaches the end of its service life, a specialist must disconnect it in accordance with the applicable requirements and prevent it from being switched on again. Label it as out of service. Dispose of it through the appropriate electrical equipment collection scheme, following environmental rules.

08 / WARRANTY

Guarantee and assistance

The HEATSCOPE manual describes a 24-month manufacturer's warranty from the date the purchase of new equipment. It excludes wear and tear parts and defects which only slightly affect use. Keep the original invoice showing the date of purchase and the model.

Before returning the heater

Contact your dealer with proof of purchase and a precise description of the defect.

Do not ship the heater before obtaining the return procedure. The manufacturer accepts only equipment protected by suitable transport packaging. Depending on the conditions described by the manufacturer, the take-over may consist of repair, replacement of the unit or part, at its discretion. The shape or colour of a replaced unit may differ slightly. The original purchase date remains the starting point of the warranty; a repair or replacement does not extend this period.

Exclusions indicated by the manufacturer

The notice excludes damage caused by improper handling or use, non-original parts, unrecommended accessories, as well as external events such as fire, lightning or transport. It also refers to an exclusion of liability for indirect damage to persons or property. The manufacturer shall indicate that the warranty no longer applies if the serial number has been modified, removed or erased, or if the appliance has been opened, deteriorated, modified, rebuilt or repaired by an unapproved person. The EC, WEEE and RoHS Declaration of Conformity is available on request from the supplier.

These indications are the manufacturer's guarantee of the source manual; they do not replace Radiant Heater's conditions of sale.

Your contact

Radiant Heater

+33 (0)4 23 15 02 48

radiant-heater.com/contact

09 / TECHNICAL DATA

PURE 3000 W - PE series

Models	MHS-PE3000AB / MHS-PE3000WT
Power supply	220-240 V AC, 50/60 Hz
Power indicated on the PURE data sheet	3000 W
Power at 240 V in manual	3200 W (PE3000)
Current specified in the PURE data sheet	13,04 A
Current at 240 V in the manual	13,33 A (PE3000)
Power cable	1.1 m / 4 × 1.5 mm ²
Glass-ceramic front - max. temperature	350 °C (PURE data sheet)
Housing - maximum temperature	120 °C
Filament temperature	1100-1300 °C
Time to full power	About 20-30 seconds
Visible light	Less than 300-400 lumens
Recommended mounting height	Minimum 1.8 m / maximum 2.7 m
IP rating	IP65
Control	ON/OFF, 100% and 50%
Remote control	With a compatible SmartBox
Heater dimensions	1044 × 166 × 87 mm
Weight	7,5 kg

Values are distinguished by source: the specific PURE data sheet for the 3000 W model's specifications, and the manufacturer's manual for values explicitly measured at 240 V. The rating plate on your heater is the reference.

10 / INDOOR CONTROL

Thermostatic control

The PURE heater is delivered without integrated thermostat. The manufacturer's manual presents the association with the optional DEVlreg™ Smart thermostat, with ambient temperature measurement, weekly programming and window opening detection.

Manual specifications for the PE3000 at 240 V

Pnom rated thermal power	3,2 kW
Minimum thermal power Pmin	1,6 kW
Maximum continuous power Pmax,c	3,2 kW
Auxiliary consumption elmax, elmin, elSB	Not applicable in the manual

Functions reported with DEVlreg™ Smart

Electronic control with programming	Yes
Presence detection	No
Window opening detection	Yes
Remote control	Yes
Adaptive start-up regulation	No
Operating time limitation	Yes
Black globe sensor	No

Source documentation reference

The manufacturer's notice combines this information with Directive 2009/125/EC and Regulation EU 2015/1188. These references are those of the source document; this adaptation does not constitute a new certification of conformity. For indoor installation, confirm the control and the requirements applicable by the professional and the manufacturer.

CONTACT / SUPPORT

Your contact

Radiant Heater

For a question of installation, control, compatibility or after-sales service, indicate the exact reference and serial number of the heater. For a warranty request, attach the invoice and a description of the defect.

+33 (0)4 23 15 02 48

radiant-heater.com/contact

Find the products on our website

Heatscope Pure 3000 W All Black

Heatscope Pure 3000 W White