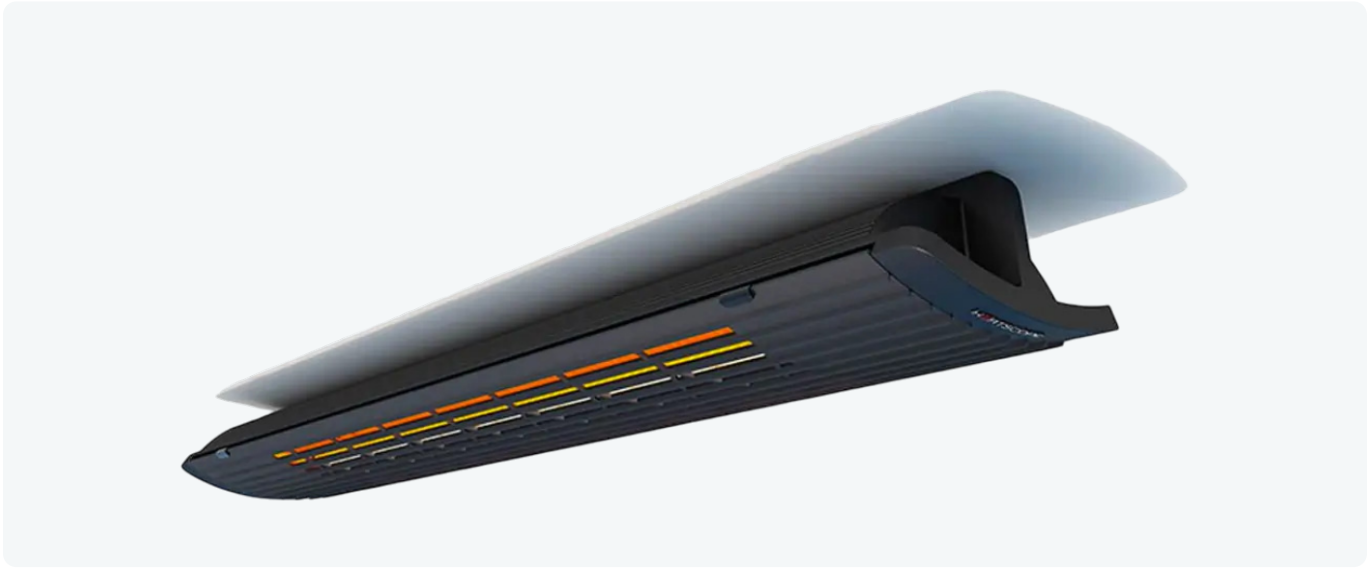
Radiant Heater

INSTALLATION AND OPERATING MANUAL

HEATSCOPE®

NEXT

3000 W



The radiant heater with a front grille

MHS-NM3000AB · Black / MHS-NM3000WT · White

GB Radiant Heater

Read before installation and keep with the appliance.

BEFORE YOU START

Your NEXT 3000 W

This manual concerns the HEATSCOPE® NEXT 3000 W heater with front grille, NM series, in black and white finishes. Check the reference on your device's rating plate before installation.

Black finish	MHS-NM3000AB
White finish	MHS-NM3000WT

Read and keep

Follow HEATSCOPE instructions and local construction and fire prevention requirements. Keep this manual and transmit it with the device in case of transfer.

In this manual

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01 / SAFETY

Using the heater safely

Respect safety distances, installation instructions and local construction and fire prevention requirements. Keep the manual and transmit it with the device in case of transfer.

During use

The grille and housing become hot during operation. Do not touch the heater during use or for 30 minutes after switching it off. Do not cover it, even partially. The heater has no built-in room thermostat. Continuous supervision is required in a small room occupied by people who cannot leave unaided.

Children and persons in need of supervision

Keep children under the age of 3 away, except under constant supervision. Children aged 3 to 8 can only turn on and off a device properly installed, under supervision or after receiving the necessary instructions and understanding the risks. Children between 3 and 8 years of age must not connect, adjust or clean the appliance or perform maintenance. Children 8 years of age and over, as well as persons with reduced physical, sensory or mental abilities or lack of experience, may use the device under supervision or after receiving instructions for use and safety and understanding the risks. Children should not play with the heater. Cleaning and maintenance should not be carried out by unattended children.

Keep the heater under supervision during operation. After use,

switch it off.

01 / SAFETY

Prepare the apparatus

Checks upon receipt

Check that the heater and its accessories are complete. The housing, reflector, grille, heating elements and cable must be in good condition. The power cord must not be crushed, trapped or damaged. If any part is broken, deformed, cracked or the cable is damaged, leave the unit disconnected and contact Radiant Heater. Label it as defective to prevent it from being switched on again.

Location and clearances

The NEXT is rated IP25. Outdoor installation does not require an additional weather protection shield. Follow the mounting instructions, clearances and ventilation requirements in this manual. Keep textiles and flammable materials at least 150 cm from the heating surface. Do not use the heater to dry textiles or other materials. Keep furniture, curtains, cables and other objects away from the heater. Do not surround it with insulating material, and maintain ventilation around the housing. Do not notch beams or structural components to recess the heater. Follow all dimensions in the diagram for your mounting configuration.

Temperature rise

The NEXT data sheet specifies full power in approximately 15 to 20 seconds. The front grille can reach 450 °C and the housing 120 °C.

01 / SAFETY

Planning the power supply

Mains supply and protective devices

Before connecting, check that the mains voltage matches the rating plate: 220-240 V AC, 50/60 Hz. Provide an all-pole disconnection device, residual-current protection and overcurrent protection. The manual specifies an accessible 16 A supply protected at 16 A, with no other appliance connected to that supply. The circuit and protection must match the model, cable lengths and installation conditions. Do not place the heater directly below a socket. Keep at least 20 cm between the heater’s sides and an electrical socket. Cables must never touch the housing or heating surface. Properly inserted and tightened connections ensure a stable supply and minimise contact resistance. If the heater stops unexpectedly, disconnect the power and contact Radiant Heater before restarting.

Wiring for the selected control system

NEXT NM3000	4 conductors: L I, L II, N and PE
L I and L II	Each supply controls 50% of the power

The supplied cable is 1.1 m long, with 1.5 mm² conductors. Connect it in a suitable IP65 junction box, not supplied. The wiring diagram is on page 07.

Before any intervention

Fully disconnect the power supply before cleaning, adjusting the angle, dismantling or carrying out any work. Wait until the heating elements stop glowing and the heater has cooled, at least 30 minutes after its last use.

01 / SAFETY

Choose a suitable location

Inside and outside

Mount the NEXT on the wall or ceiling using the supplied bracket. Maintain adequate airflow and the clearances specified in this manual. The lower edge must be at least 180 cm above the floor. Also observe the mounting height stated for each configuration in the diagrams. The NEXT data sheet recommends a height

between 1.8 and 2.5 m.

Water, salt and chlorine

Avoid rooms with permanently high humidity, such as bathrooms, spas or swimming pools. The minimum distances stated in the manual are 100 cm from a bath or shower and 200 cm from a pool. Controls must remain out of reach of anyone in contact with water. The manufacturer’s document states that in a bathroom, at least one heating element must glow visibly as soon as the heater is switched on. Installation in this type of room must meet its specific electrical requirements. Do not install or use the heater in an atmosphere containing chlorine or salt, particularly close to a chlorinated swimming pool or the coast.

Under a glass cover

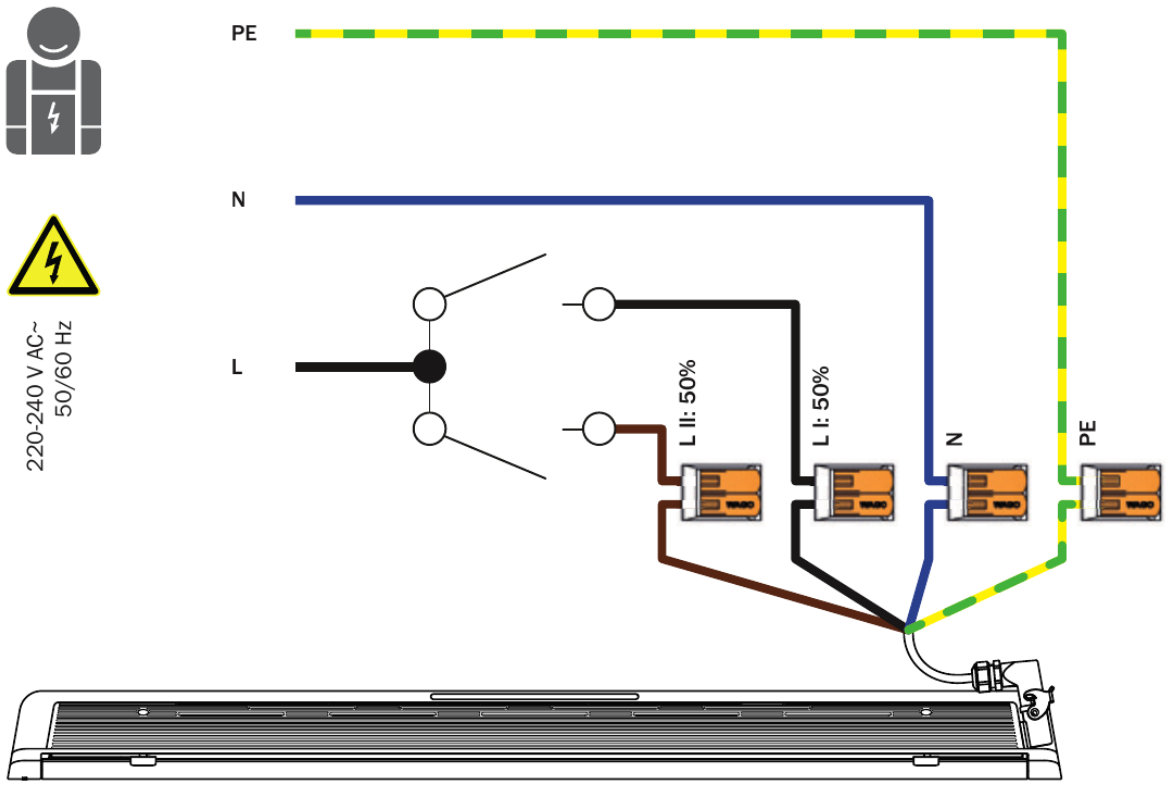
Apply the specific clearances of the diagram on page 15. Local requirements may require additional measures for supports of flammable materials or special configurations.

02 / ELECTRICAL CONNECTION

Electrical connection

Turn off the power before the connection.

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



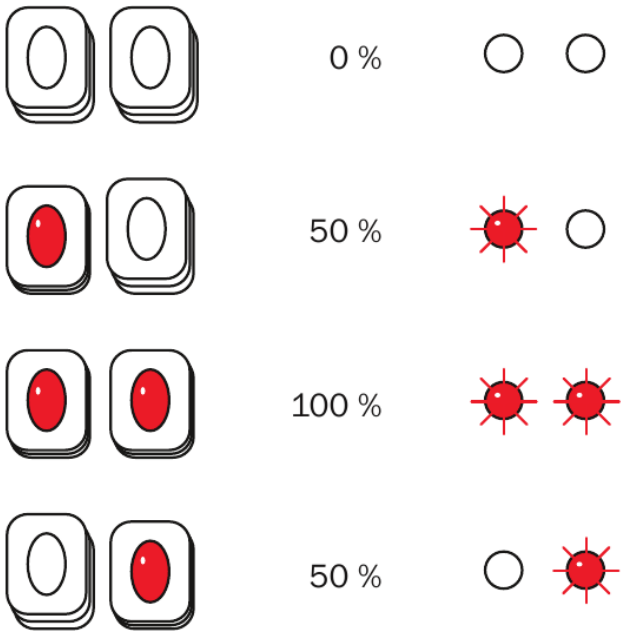
L	Live conductor
N	Neutral
PE	Protective conductor (earth)
I and II	Power supplies for both heating elements

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



Both elements off	0 % - 0 W
One element on	50 % - 1500 W
Both elements on	100 % - 3000 W

External Control and SmartBox

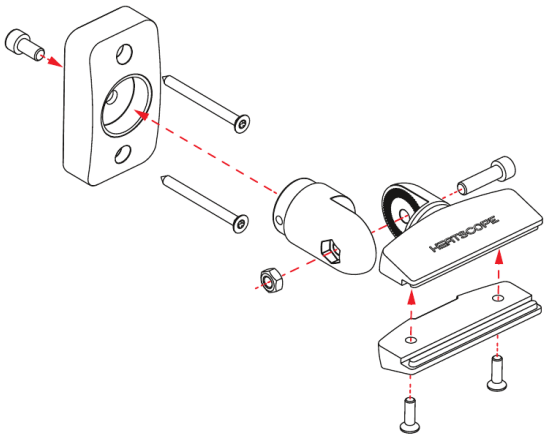
The NEXT can be connected to a suitable external control system. Remote operation requires a compatible SmartBox, providing ON/OFF, 100% and 50% functions. Refer to the SmartBox manual for your equipment. Switch the heater off after use.

04 / MOUNTING

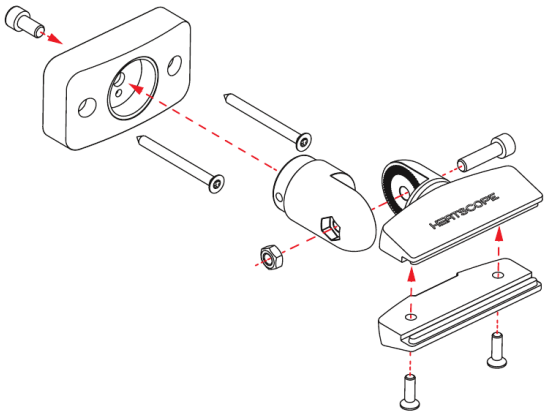
The two bracket versions

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.

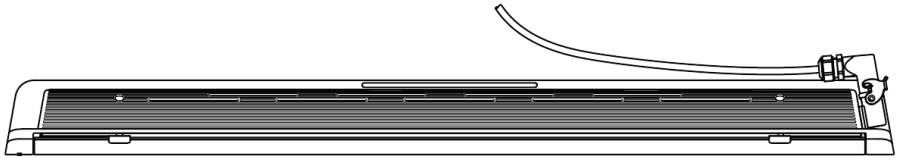
04 / MOUNTING

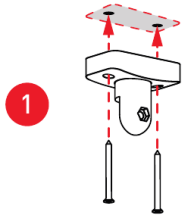
Assembly - steps 1 and 2

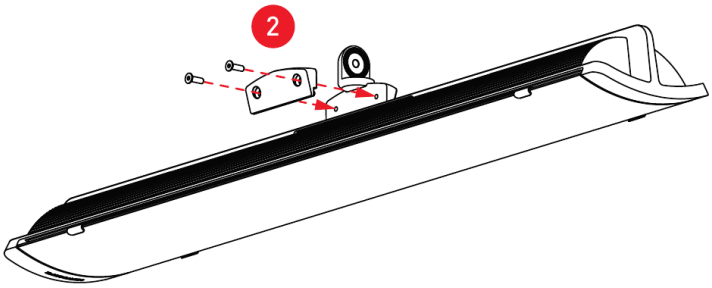
1X



1X





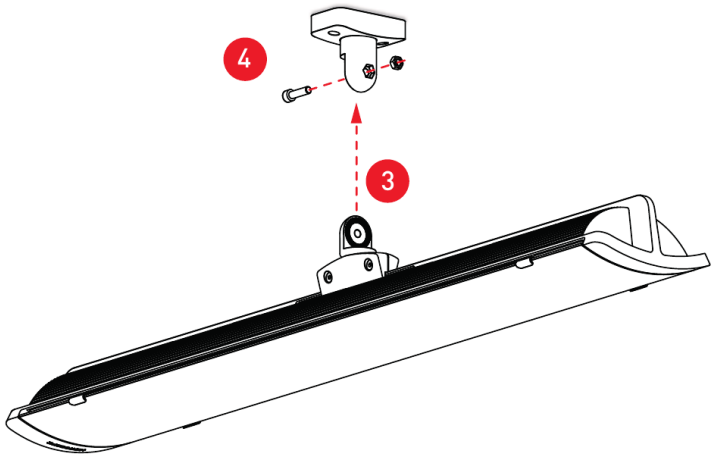


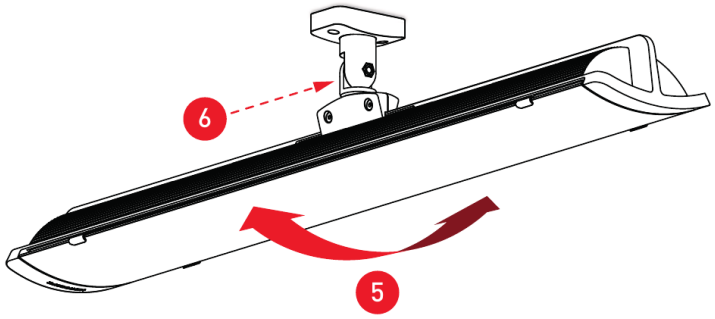
Present the support and engage the attachment assembly in the heater housing, according to the steps represented.

Respect the safety distances before commissioning.

04 / MOUNTING

Mounting - steps 3 to 6



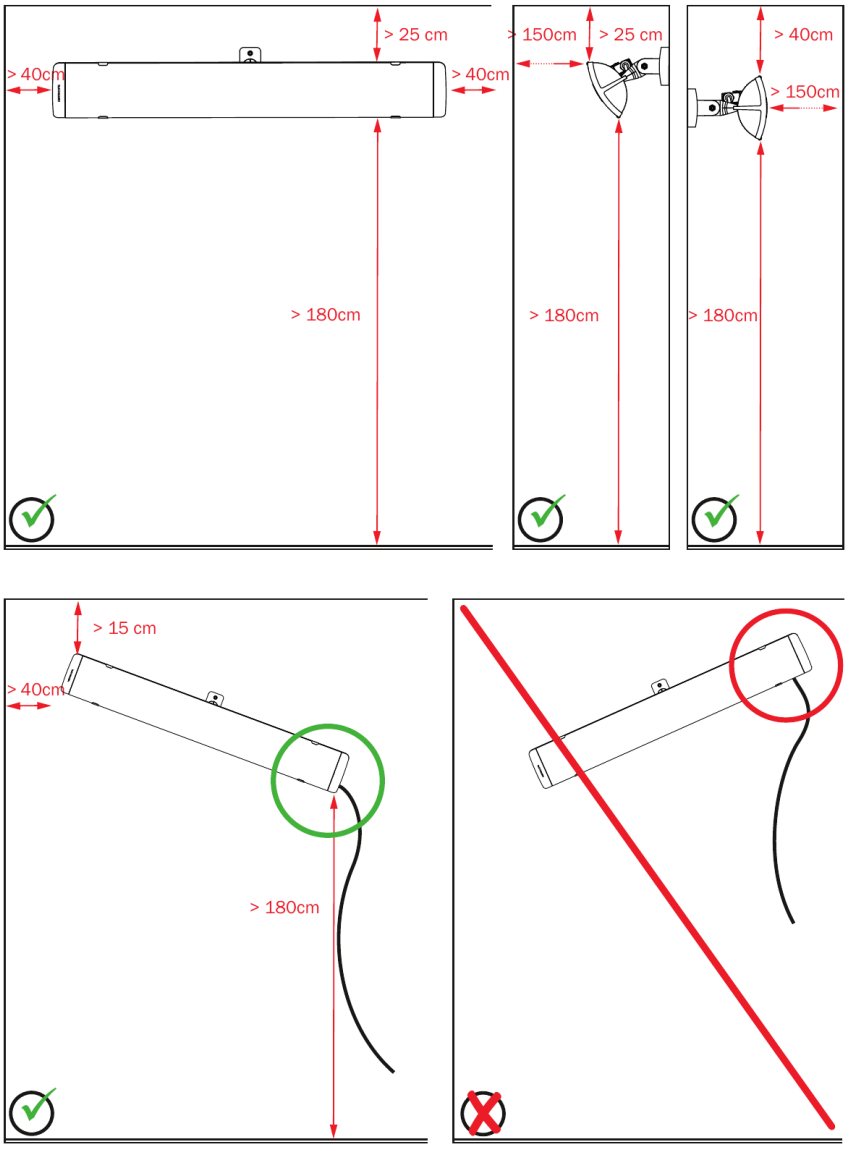


Position, assemble and adjust the heater’s orientation following the manufacturer’s sequence. Check that the assembly is secure and all fasteners are tight.

Respect the safety distances before commissioning.

05 / SAFETY CLEARANCES

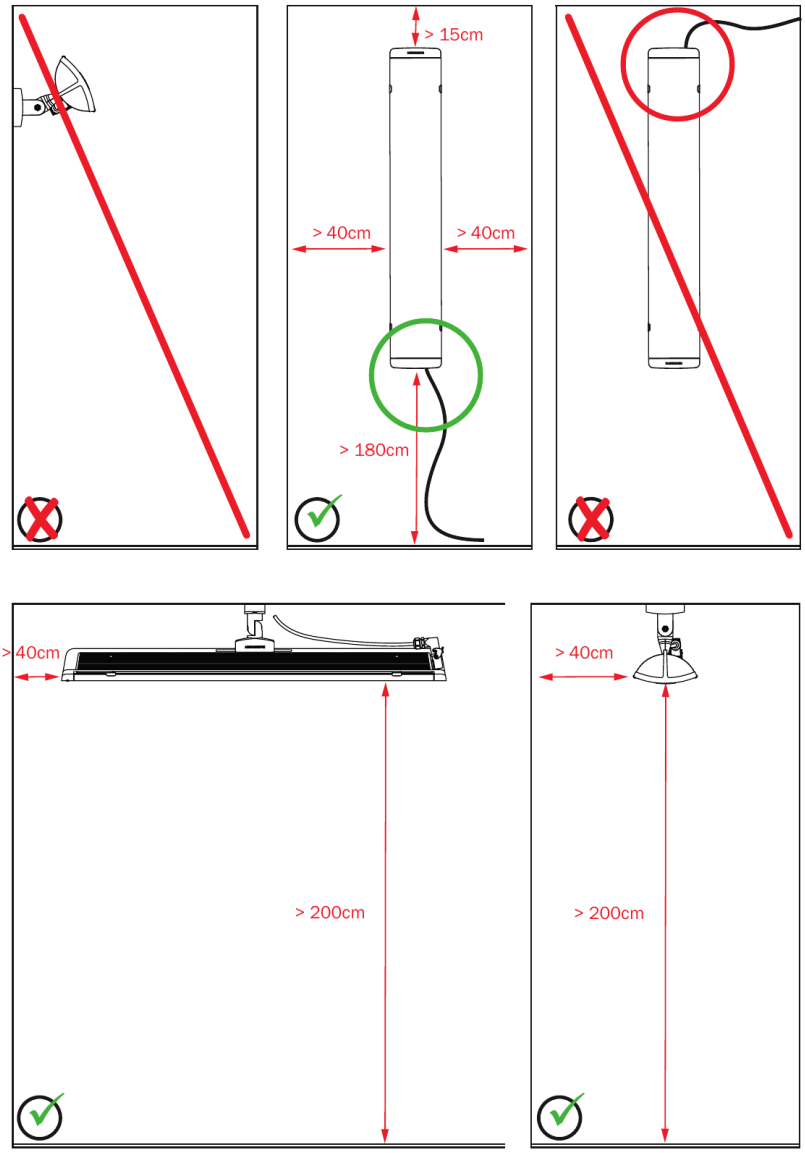
Wall mounting - clearances



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

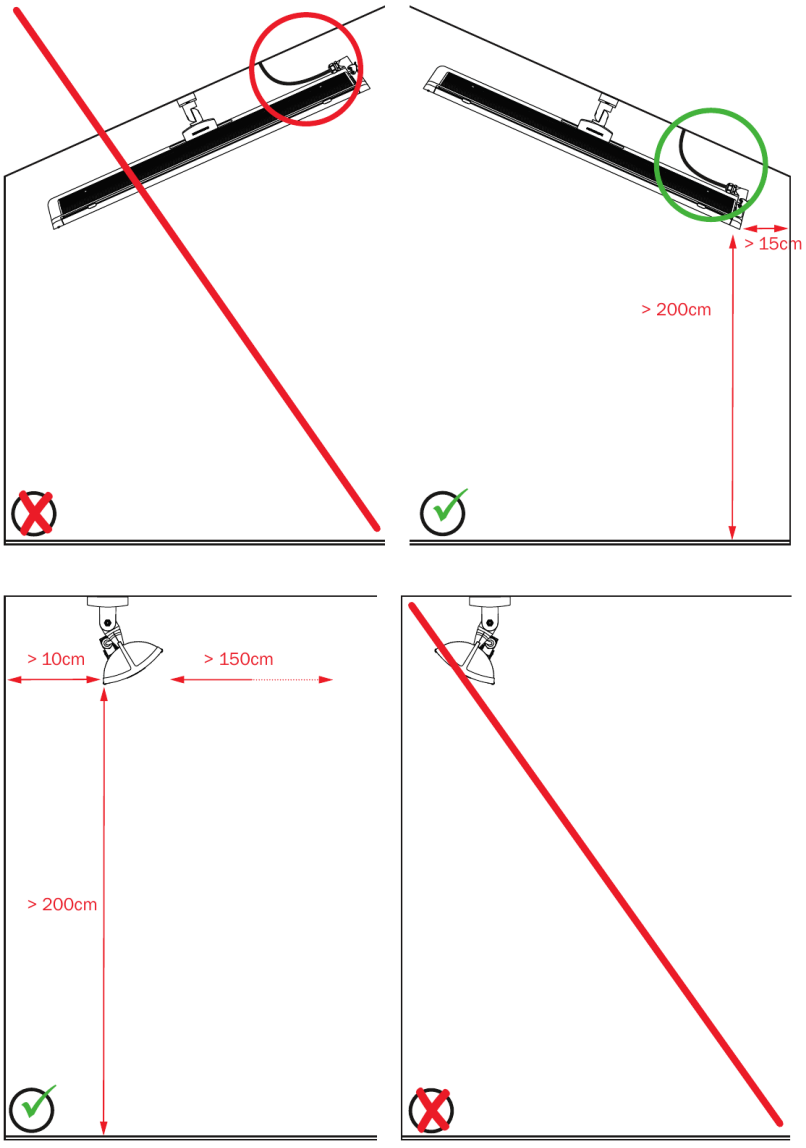
Orientation and ceiling mounting



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

05 / SAFETY CLEARANCES

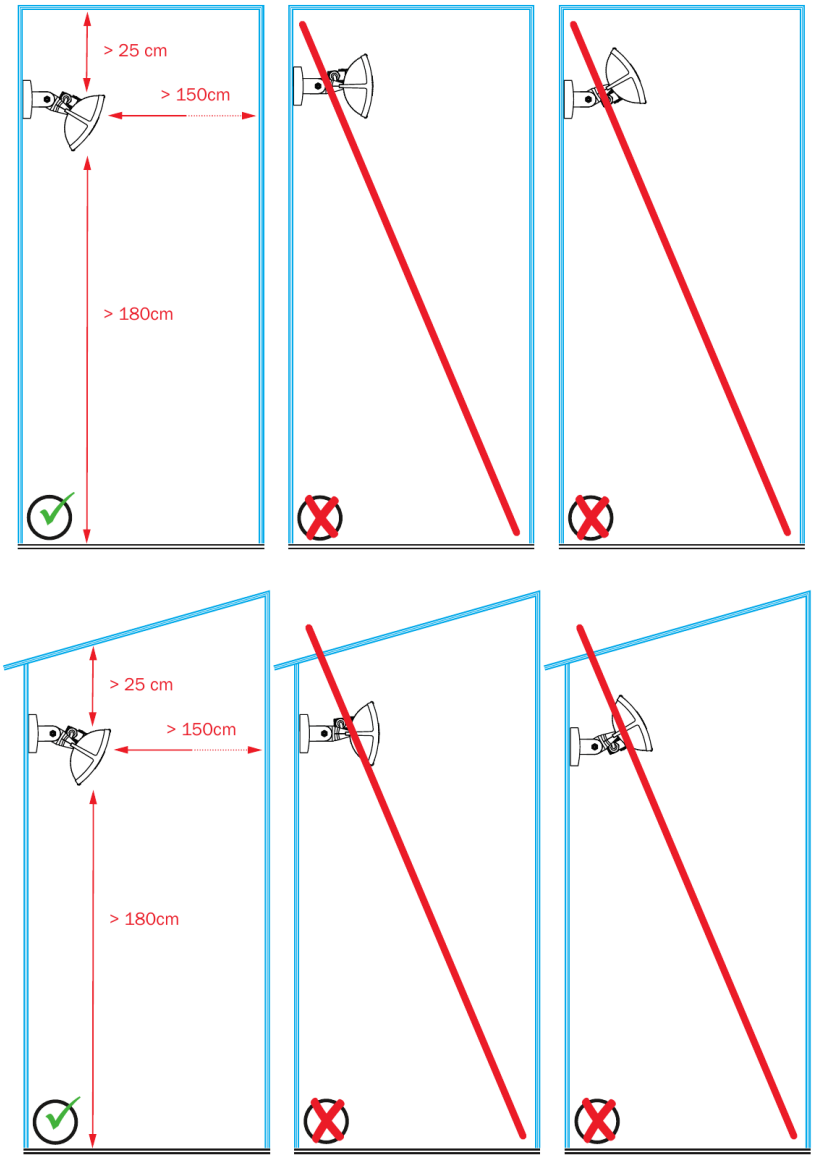
Ceiling mounting



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

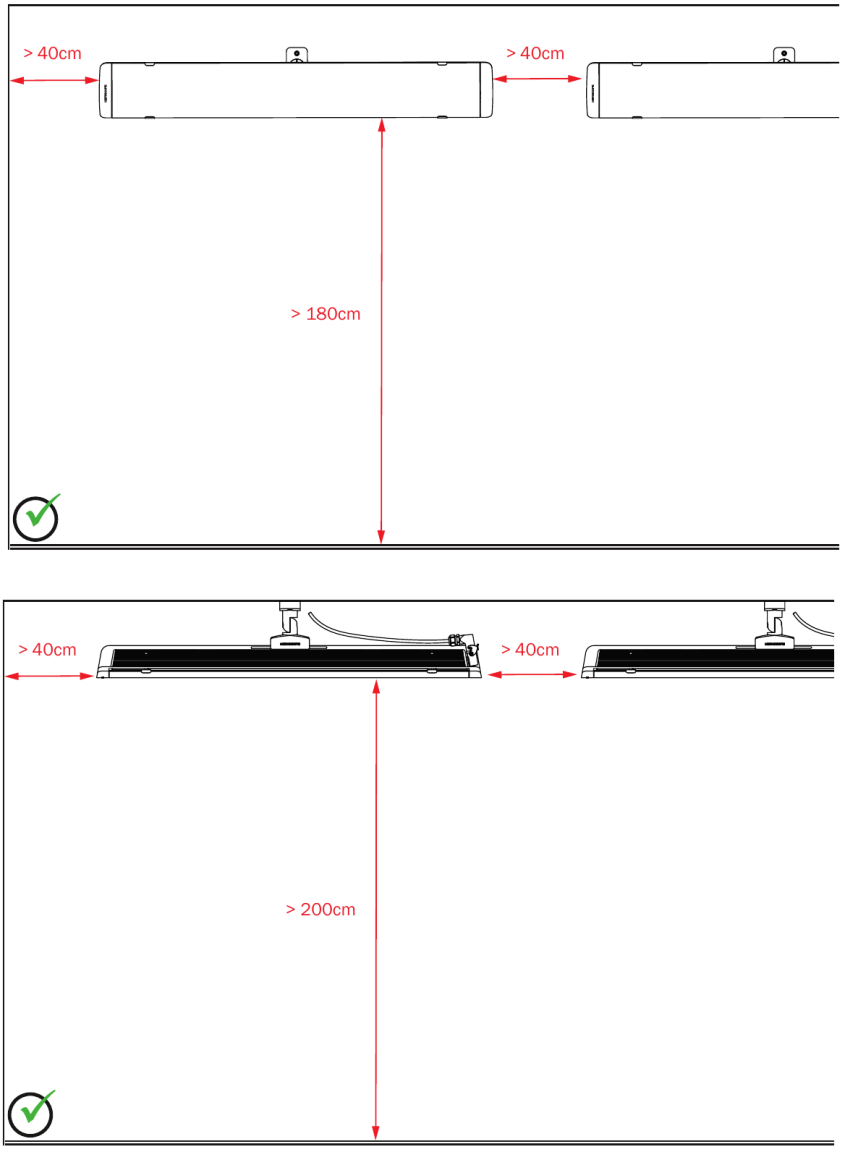
Glass surfaces



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

05 / SAFETY CLEARANCES

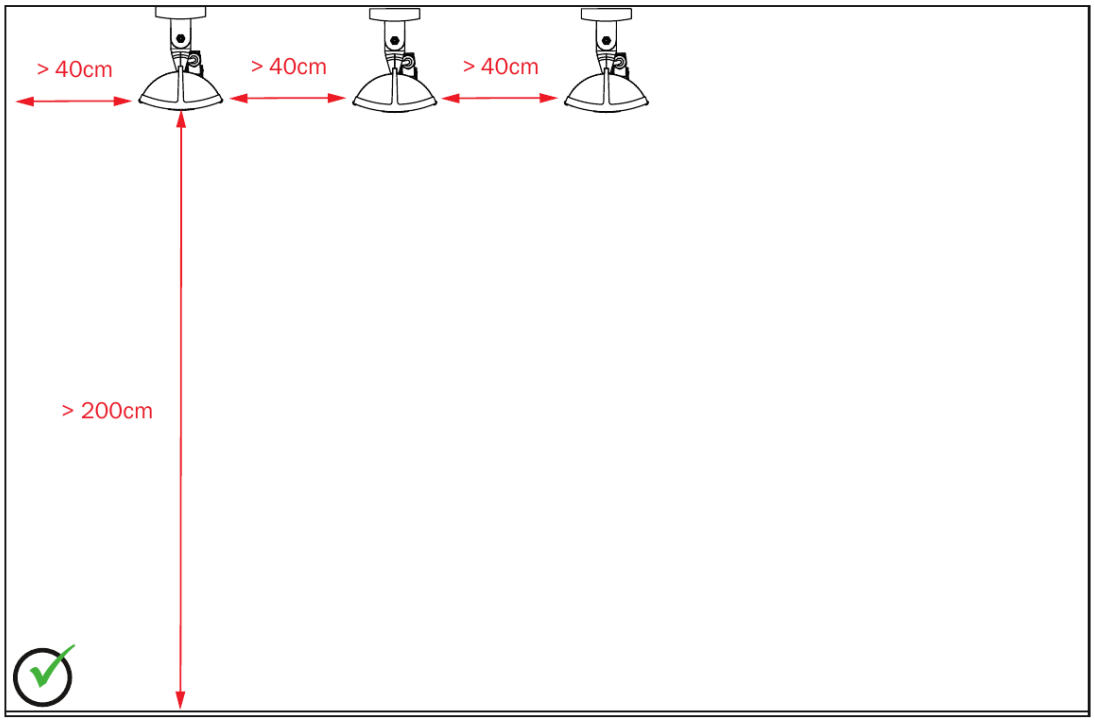
Additional clearances



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. Also follow local building and fire prevention requirements, particularly for combustible mounting surfaces. For a special configuration, contact Radiant Heater to check the mounting arrangement for your project.

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. Before the first ignition, check the mounting, connection, protections and clearances around the heater.

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 NEXT is delivered without integrated thermostat.

07 / MAINTENANCE

Clean and preserve your NEXT

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.

Grille 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. For questions about a part or its replacement, contact Radiant Heater.

In case of a fault

Stop the heater and disconnect its power supply. Do not use a device with a deteriorated grid, 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, 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

Manufacturer’s warranty

The HEATSCOPE manual describes a 24-month manufacturer's warranty from purchase.

Keep the invoice with the purchase date, model and serial number.

Your request for support

Contact Radiant Heater with proof of purchase and a description of the defect. We will inform you of the procedure and the conditions for return. Use packaging suitable for transport. The manufacturer's warranty shall apply under the conditions of the manufacturer, in particular for compliant use and an unmodified device. Wear parts and damage due to non-recommended accessories or incorrect use are excluded. A repair or replacement retains the original purchase date.

Useful information

To help track your device, keep its exact reference, serial number and invoice. The declaration of conformity is available upon request.

Your contact

Radiant Heater

+33 (0)4 23 15 02 48

radiant-heater.com/contact

09 / TECHNICAL DATA

NEXT 3000 W - NM series

Models	MHS-NM3000AB / MHS-NM3000WT
Power supply	220-240 V AC, 50/60 Hz
Power indicated on the NEXT data sheet	3000 W
Power at 240 V in manual	3200 W (NM3000)
Current specified in the NEXT data sheet	13,04 A
Current at 240 V in the manual	13,33 A (NM3000)
Power cable	1.1 m / 4 × 1.5 mm²
Front grille - maximum temperature	450 °C (NEXT data sheet)
Housing - maximum temperature	120 °C
Filament temperature	1100-1300 °C
Time to full power	About 15-20 seconds
Visible light	Less than 600 lumens
Recommended mounting height	Minimum 1.8 m/maximum 2.5 m
IP rating	IP25
Control	ON/OFF, 100% and 50%
Remote control	With a compatible SmartBox
Heater dimensions	1044 × 166 × 87 mm
Weight	6,5 kg

Values are distinguished by source: the specific NEXT 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 NEXT heater is delivered without integrated thermostat. The manufacturer's manual presents the association with the optional DEVIreg™ Smart thermostat, with ambient temperature measurement, weekly programming and window opening detection.

Manual specifications for the NM3000 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 DEVIreg™ 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

Choosing a compatible control system

The choice and settings must correspond to the NEXT NM3000, indoor use and applicable requirements. To verify the compatibility of your equipment, contact Radiant Heater.

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 Next White 3000 W

Heatscope Next All Black 3000 W