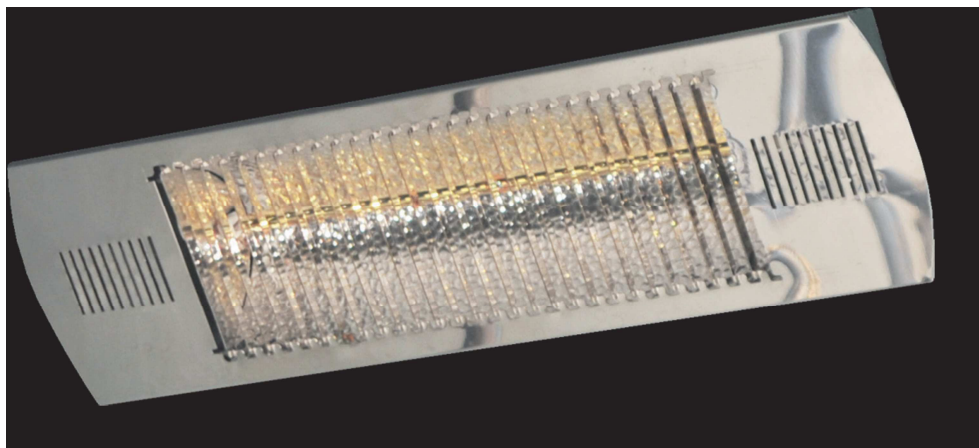


Infra-Red heater

Reflector with embossed surface



Manual for installation and use

(please read carefully and keep this manual safely)

SUMMARY

1- Warnings	3
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DELIVERY

Parcel contains the appliance and 2 mounting devices (A) with screws (Fig. 1).

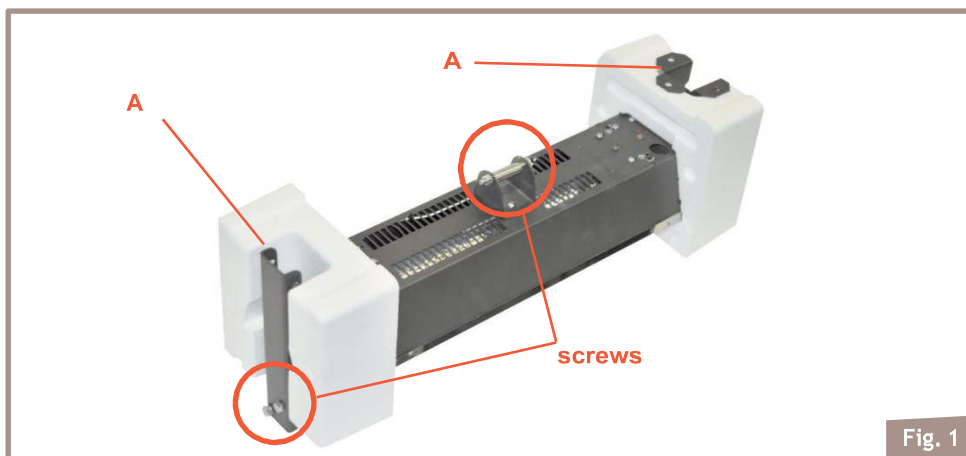


Fig. 1

WARNINGS

Before mounting, please read the manual carefully.

Please check carefully that this appliance complies with the safety regulations relating to the building where this appliance is installed

Installation must be performed by a qualified and licensed electrician and in conformity with the safety standards and building regulations.

Do not connect to the mains before the installation is totally completed.

This type of appliance produces a lot of heat. This important warning should be taken into account when installing this product. Also, take care that, when operating, the heater should not approach the eyes or the skin.

Location of the heaters as well as power of each heater must be determined by an engineering bureau.

Lamp of the heater is extremely fragile.

Do not touch it. In case, somebody has touched the lamp, clean it with a solvent (white spirit) moistened cloth.

Looking during a long time the lamp can damage the eye.

This heater has been developed for an outside and covered use (IP24).

Do not use it in a room containing gas or steam or inflammable dusts.

2-RECOMMANDATIONS



TAKE CARE! VERY HOT SURFACE

- When operating, heater should not be closed to any unprotected or combustible material.
- Minimum distance: 50 to the top, 60 cm on the horizontal sides and 1 m to the bottom (see Fig. 4a and 4b page 7 and Fig. 5a and 5b page 8).

These distances also apply to any curtain or floating material whatever is its position.

- Surface of the heater can be very hot and can burn. Take care when children or vulnerable persons are close to the heater.
- This heater is not fitted with a device enabling to regulate the temperature of the room (no thermostat). Therefore, do not use it in small rooms when occupied by persons who cannot leave the room by their own, unless they are supervised continuously.



IMPORTANT: DO NOT COVER

- In case the heater is covered, an overheating may cause fire.

Therefore, it is strictly prohibited to obstruct totally or partially the air inlet and outlet. It could result in damages and accidents

Do not insert anything into the heater.

- The heater is covered by a protection grille in order to prohibit any contact with the lamp that is very hot and with any electrical part. Do not use this heater without the grille.
- Connection with 230V - 50Hz.
- Any intervention should be performed by a qualified and licensed electrician, when heater is disconnected from the mains. See the chapter “electrical connection”.
- Heater must be mounted with the supplied supports. The use of any other material for mounting this heater is strictly prohibited.
- Heater cannot be installed under a wall socket.
- Heater and the duct containing the wires cannot be used as a hanging material.

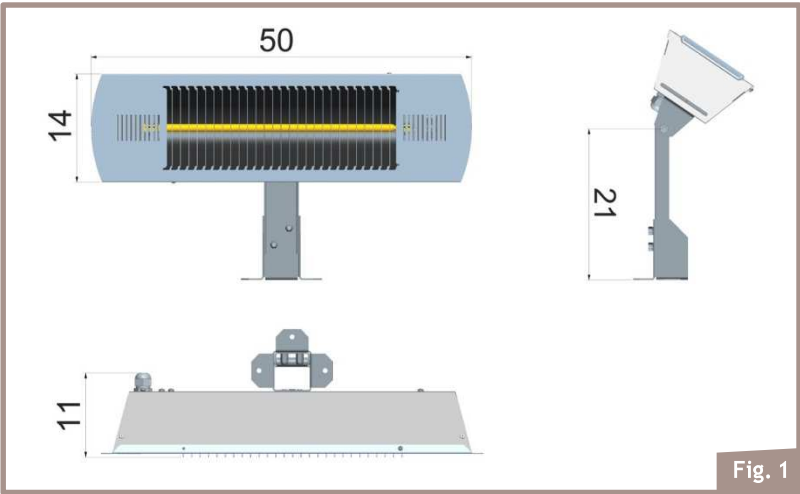
3- FEATURES

This appliance is:

- Protected against water splashes (IP 24).
- Class 1. It must be connected to earth.
- It must be connected with 230V-50Hz.

Dimensions:

Power (W)	Length (cm)	Width (cm)	Depth (cm)	Intensity (A)
1500	50	14	11	6,5



Accessory (to be purchased separately):

Extension stick enables to have the heater from 58 cm to 1.18 m from the wall.



4-INSTALLATION

Precautions:

To guarantee a long life of the appliance:

- **Do not touch the halogen lamp.** The lamp is very fragile. Take it by the 2 ends. In case, somebody has touched the lamp, clean it with a solvent (white spirit) moistened white cloth.
- Halogen lamp must be installed **horizontally** (+or -4°).

Also comply with the minimum distances as indicated here above and take care that the radiant effect cannot damage any material.

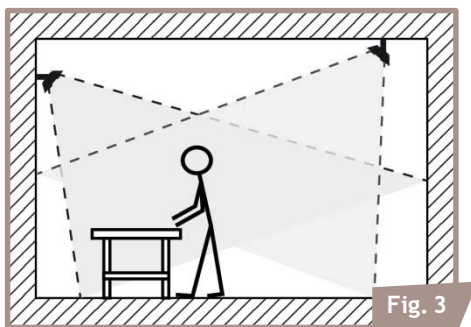
This appliance cannot not installed in a recessed location

Minimum height from the floor is 2.5 meters.

Minimum distance from the ceiling is 20 cm.

* Check the regulations that apply to the building. Places open to the public attracts specific safety regulations.

For a good heating effect, it is recommended to use 2 appliances with crossed radiations rather than a unique more powered heater (Fig. 3).

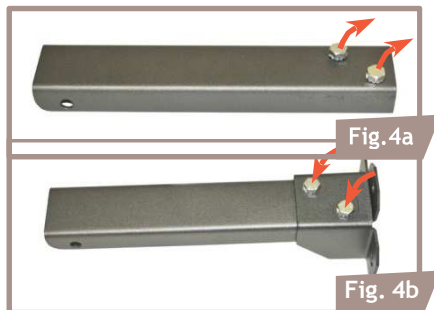


5-CEILING OR WALL MOUNTING

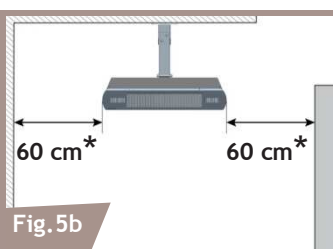
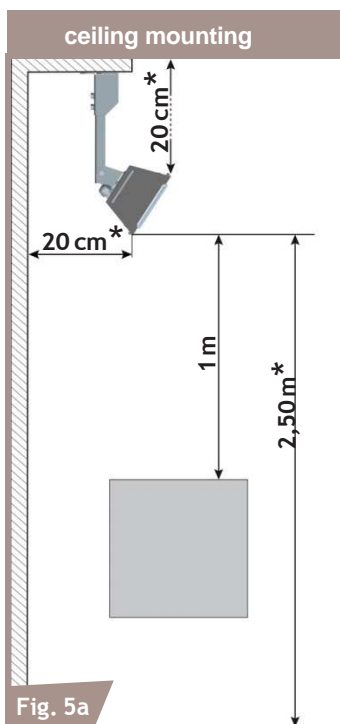
To the ceiling or to the wall:

WARNING: in case of any other mounting, manufacturer cannot be held responsible.

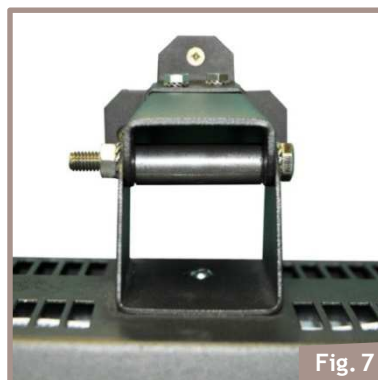
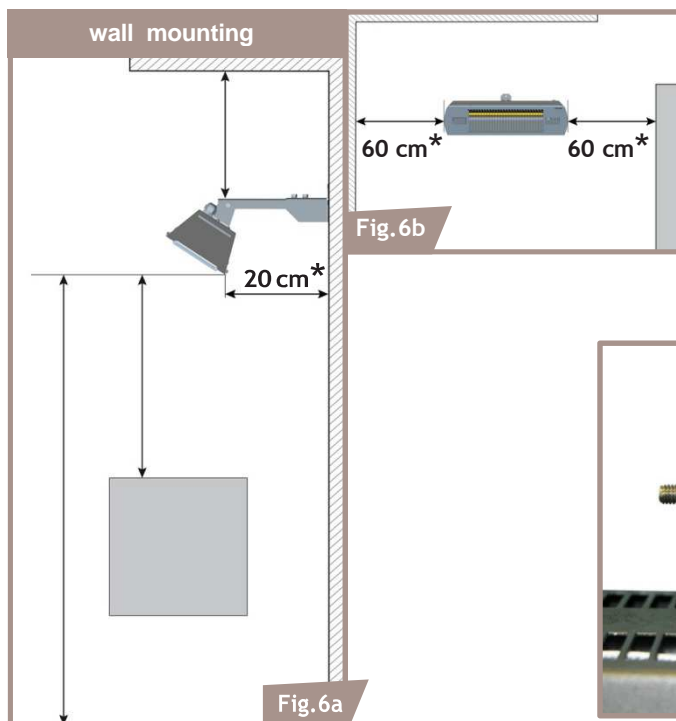
1. Remove the screws (Fig. 4a).
2. Assemble the 2 parts (Fig. 4b).



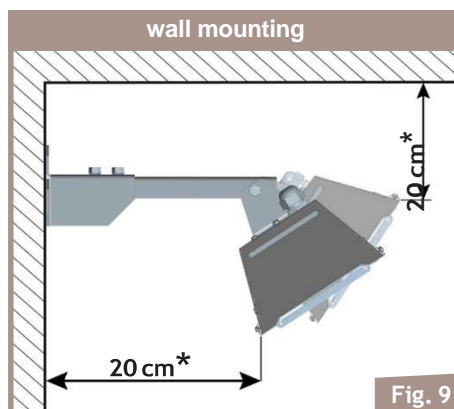
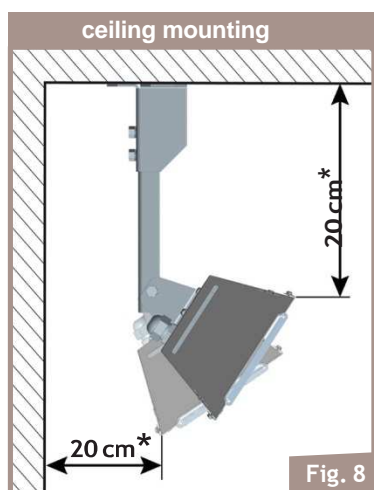
3. Attach to the ceiling or to the wall, complying with the minimum safety distances (Fig. 5a-5b and 6a-6b). Use dowels and screws that match the nature of the ceiling or wall and the weight of the heater.



* Vérifier la réglementation en vigueur dans le lieu d'installation de l'appareil (notamment pour les ERP - Établissement recevant du public).



4. Put the heater on the support using the screws supplied with the heater (Fig. 7).
5. Orientate the heater, complying with the safety distances, Fig. 8 and 9.



* Vt

recevant du public).

6-ELECTRICAL CONNETION

Recommendations:

Connection must be performed by a qualified and licensed electrician, in conformity with the safety standards and building regulations (off tension work).

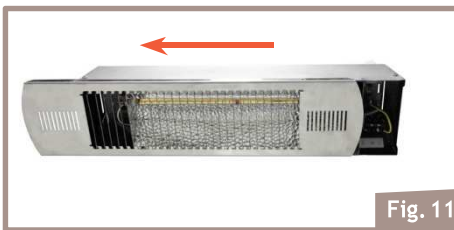
- Diameter of the wires and wiring network must comply with the local standards and regulations.
- Wires must withstand a temperature of 90°C.
- Owing to the high starting current, protection of the installation must be performed with curve D type circuit breakers and AM type fuses.
- Power supply line must be protected by an omni-polar cutting device have a 3 mm minimum opening distance.
- Being class 1, the heater must be **connected to Earth**.

Connection:

1. Remove the 2 screws that maintain the grid (Fig. 10).



2. Slide the grid (Fig. 11)



3. Insert the cord into the gland (Fig. 12).



4. Connect the wires to the terminals (Fig. 13).

NB: wires should not touch any
inside metallic partition.

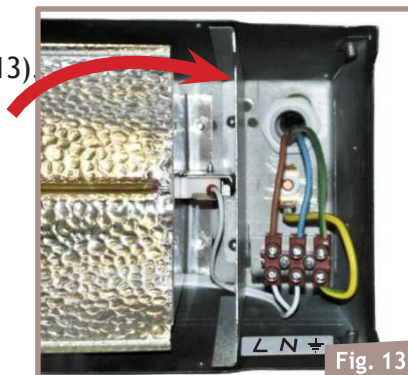
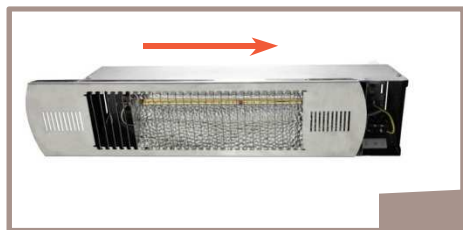


Fig. 13

5. Put back the grille and the screws (Fig. 14 and 15).



7-MAINTENANCE

- Clean regularly the halogen lamp and the reflector for a perfect heating efficiency (see precautions page6).
- Replace the lamp when faulty or broken (see chap. 8).

Any intervention should be performed by a qualified electrician. off tension work.

8-REPLACEMENT OF THE LAMP

WARNING: Off tension work

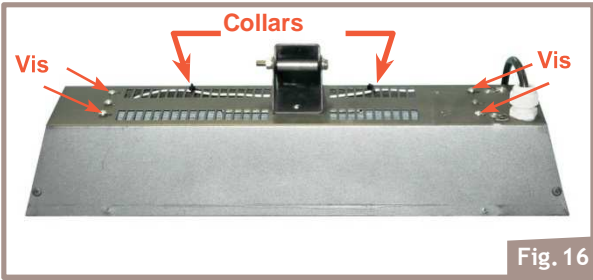
Recommendations:

Lamp is extremely fragile.

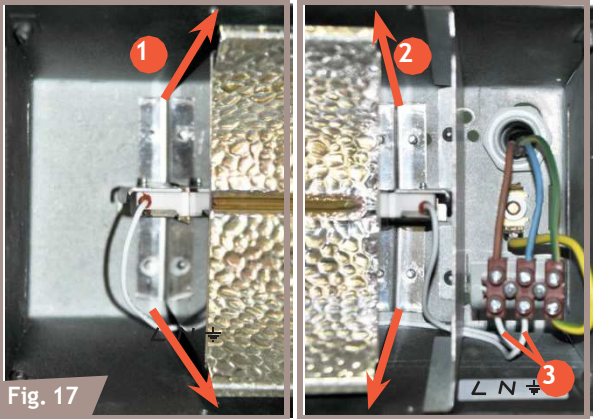
Do not touch it. In case, somebody has touched the lamp, clean it with a solvent (white spirit) moistened cloth.

Remove the heater from the support.

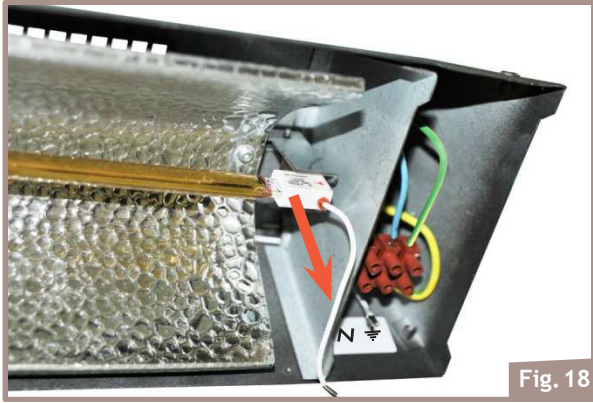
- 1. Remove the grille as shown on Fig. 9 and 10.
- 2. Remove the screws that maintain the side reflectors. They are located on the back of the heater. Cut the collars. (Fig. 16).



- 3. Slide the side reflectors (Fig. 16 ❶ and ❷) and disconnect the wires from the terminals (Fig. 17 ❸).



- 4. Press the clips and remove the ceramics on each side (Fig. 18).



- 5. Reverse operations for re-assembly with the new lamp.