

# Installation Instructions CQIRX EXTERIOR Quartz Heater

Reference  
J389

## SAFETY

The correct procedures for working at height must be adopted when installing this heater.

The heater must be installed by a suitably qualified person in accordance with current regulations.

Do not handle the heater when it is in operation as it becomes very hot. Allow to cool before adjusting direction or replacing lamp.

Do not cover the heater

Do not operate if power lead is damaged

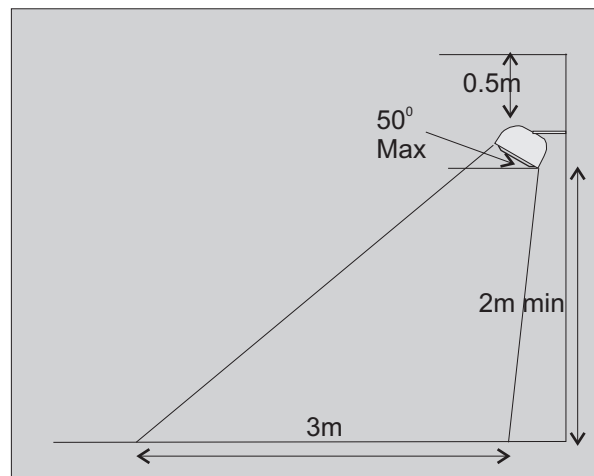
## LOCATION.

This heater is designed for high level use. It must not be installed less than 2.0 metres from floor level. It should not be positioned immediately below a fixed socket outlet or any equipment that may be affected by heat.

Minimum distances to adjacent surfaces must be adhered to - see diagram.

Ensure there is a minimum distance of 1.5m to the nearest wall or surface at the front and sides of the heater.

Care should be taken to ensure that flammable materials are not under the direct influence of the heater and that they cannot be placed near the unit at any time ie relocation of movable storage units etc. This could present a fire risk.



## FIXING.

The unit must be fixed horizontally or premature failure of the lamp can occur.

The heater must be mounted using the bracket supplied ensuring minimum mounting clearances to the wall and/or ceiling are maintained. Do not mount to a flammable surface.

Remove mounting bracket and fix to the mounting surface with appropriate fixings (not supplied).

Refit the heater to the bracket. Direct as required ensuring a maximum angle of 50° to the horizontal is maintained. Secure in place.



---


## ELECTRICAL CONNECTIONS.

All Electrical connections should be made by a suitably qualified person in accordance with the latest edition of the IEE Requirements for Electrical Installation (BS 7671:2001)

The heater is supplied with a 5m cable and pre-fitted 13A plug. If the socket is located outdoors ensure that it is of suitable IP rating. The fitting of a RCD circuit breaker is recommended.

The heater can be permanently connected to a suitable 230Vac 50Hz. fused (13A) power supply incorporating a means of isolation having a contact separation of at least 3mm in all poles.

Connect as follows:-

Green-yellow wire to terminal marked E , with earth symbol   
Blue wire to terminal marked N  
Brown wire to terminal marked L

**The heater must be earthed**

## CONTROLS.

Near instantaneous heat allows easy control of Quartz infra red heaters. Power regulators and proximity detectors can be used for an efficient installation.  
Infra red lamps produce a surge of several times rated current for a few hundredths of a second on switch on and consideration must be given for this when sizing all controls.  
Circuit breakers able to take the high initial surge should be used.  
If an air sensing thermostat is used this must be positioned out of the direct line of heat.  
Any controls installed outdoors must have appropriate IP ratings for location.

## LAMP REPLACEMENT.

- 1) Remove 4 no screws from rear of front frame and hinge frame down. Take care with glass cover.
- 2) Carefully remove lamp by pushing against spring to one side and disengaging the other end.
- 3) Replace with new lamp in reverse order.
- 4) Replace front cover and 4 no screws ensuring gasket is correctly fitted.

**Do NOT directly handle the new lamp - use the wrapping material or tissue. Touching the lamp with bare fingers can damage the quartz tubing and cause premature failure. Any fingerprints must be removed with methylated spirit prior to switch on.**

## CLEANING and MAINTENANCE

The heater should be cleaned occasionally to reduce the build up of dust etc. which may cause the unit to overheat  
Ensure the heater is disconnected from the power supply and has cooled completely.  
Wipe the heater and glass with a damp cloth do not use chemical or abrasive cleaners. Build up of dirt on the glass can cause over heating and loss of efficiency.  
If the internal reflector requires cleaning use only a soft dry lint free cloth taking care not to touch the quartz tube

## WARRANTY

This product, excluding the heat lamp(s), is guaranteed, in accordance with our Conditions of Sale, for a period of 12 months from date of purchase. We will repair or replace, at our discretion, any part found to be defective. We cannot accept responsibility for any consequential liability.  
The warranty will be invalid if the heater has not been installed in accordance with these instructions.  
This does not affect your statutory rights.

Please keep these instructions for future reference

