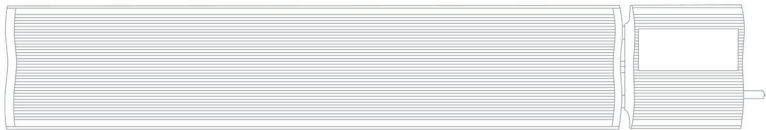




Product Instruction Manual  
**Vicenza**



**VC1200T, VC2400T**

No Glare Infrared Radiant Heater

## Overview

Thank you for purchasing a Vicenza no glare infrared radiant heater. Suitable for a number of applications such as church halls, sports centres, conservatories, hospitality environments, warehouses and similar difficult to heat situations where convection heating would be impractical. This product is suitable for outdoor heating when under a canopy. No glare infrared heaters are ideal for environments where bright light is undesirable and aesthetics are important.

## Key Features

- Stylish slimline black design
- No glare
- Remote control
- 24 hour timer
- Ecodesign compliant
- Open window detection
- IP44

Please fully read these instructions before commencing installation and follow to ensure that installation and operation are simple and safe.

## 1. Important Safety Points



Do not use the heater if the power cord is damaged.



The heater must not be used if the aluminium heating panels are damaged.



Keep combustible materials such as furniture, curtains, paper and clothing a minimum of 1.8 m from all surfaces of the heater.



The heater must not be located immediately below an electrical socket outlet.



This heater must only be connected to a power supply that corresponds to the rating label specifications.



The heater is not equipped with a device to control the room temperature. Do not use this heater in a small room when it is occupied by person(s) not capable of leaving the room on their own, unless constant supervision is provided.



Do not use the heater with an extension cable.



Do not attempt to adjust the heater position whilst it is in operation, first disconnect the power source and allow it to cool down.



Children of less than 3 years should be kept away unless continuously supervised.



Children aged from 3 years and less than 8 years shall not plug in, regulate or clean the heater or perform user maintenance.



Keep the power cable from touching the heater body as the heater will get very hot.



**CAUTION** — Some parts of this heater can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.



The heater must be installed a minimum of 1.8 m from the ground.

## 2. Box Contents

Vicenza heater

Remote control

x4 horseshoe brackets, x2 "H" x2 "W"


x8 wing nut bolts

x4 wing nuts

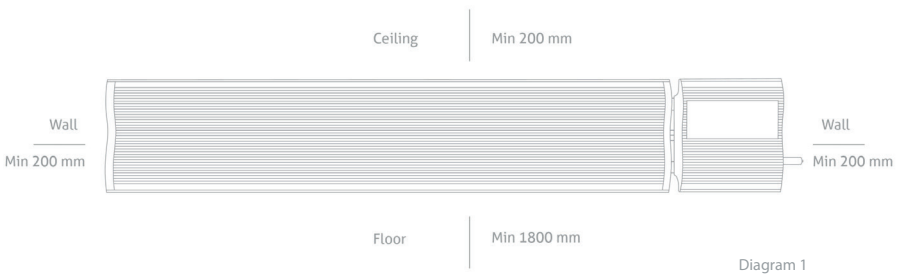
x4 wall plugs/ bolts

### 3. Installation

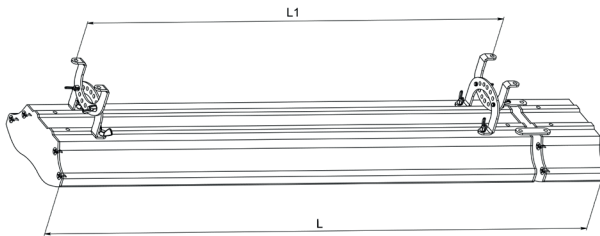
#### Wall Mounting Option

 Keep combustible materials such as furniture, curtains, paper and clothing a minimum of 1.8 m from all surfaces of the heater.

- Select a suitable location for the install and ensure the minimum spaces around the heater are maintained to ensure good airflow and safe operation of the heater (see diagram 1). The heater must be installed a minimum of 1800 mm from the floor.

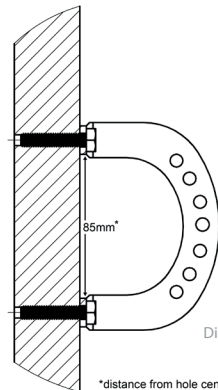


- There are two types of horseshoe bracket: "H" which are to be attached to the heater have threaded screw holes and "W" to be attached to the wall have unthreaded screw holes.
- Once a suitable location has been found, see diagram 2 for what will be the final positioning of the "H" horseshoe brackets secured on the heater. Use this as reference for mounting the "W" brackets to the wall.



|         | L1 (mm) | L (mm) |
|---------|---------|--------|
| VC1200T | 700     | 920    |
| VC2400T | 1300    | 1510   |

Diagram 2



\*distance from hole centres

- Drill two holes into the wall 85 mm apart from each other vertically as per diagram 3. Using the fixings provided attach one of the “W” horseshoe brackets to the wall, ensuring the tabs are facing outwards (see diagram 4). The bracket can be used as a template if required.
- For the 1.2 kW model measure 700 mm horizontally (for the 2.4 kW model measure 1300 mm horizontally) from one tab hole to another and drill another two holes in line with the previous two and attach the second “W” horseshoe bracket, ensuring the tabs are facing outwards.
- Using diagram 2 for reference, take one of the “H” horseshoe brackets and feed the tabs into the channel on the back of the unit with the tabs facing inwards. This must be done from the side without the power cable and slide towards the opposite end.
- Take the second “H” horseshoe bracket and feed the tabs into the channel on the back of the unit again with the tabs facing inwards, (the distance between the screw holes will be approximately 660 mm from the first bracket for the 1.2 kW model and 1260 mm for the 2.4 kW model). Note tabs on wall face outwards and tabs on the heater face inwards so distance between tabs is smaller on the heater.
- Loosely screw the “H” brackets in place on the back of the unit using the wing nut bolts provided and with the help of a second person lift the unit up to the horseshoe brackets mounted on the wall to ensure they match.
- Once the brackets have been checked and the positions are correct, lower the unit and tighten the wing nuts holding the “H” brackets on the back of the unit in place.
- With the help of the second person lift the unit up to the horseshoe brackets on the wall, choose any two corresponding screw holes to give the desired angle. Ensure the brackets on the wall and the unit overlap so that the wing nut bolt will fit through and secure both together, with the wing nut bolt going in from the outside of the bracket, fasten tightly to secure with the wing nuts on the inside of the bracket (see diagram 4).

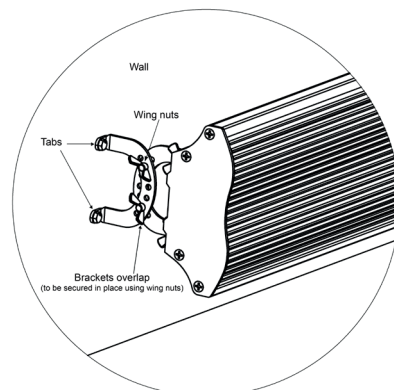



Diagram 4

## Ceiling Mounting Option

 Keep combustible materials such as furniture, curtains, paper and clothing a minimum of 1.8 m from all surfaces of the heater.

- Select a suitable location for the install and ensure the minimum spaces around the heater are maintained to ensure good airflow and safe operation of the heater. The heater must be installed a minimum of 200 mm from the wall (see diagram 6). When mounted on the ceiling the lowest part of the heater must be a minimum of 1.8 m from the floor.

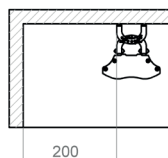
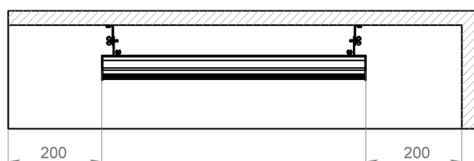


Diagram 6

- There are two types of horseshoe bracket: "H" which are to be attached to the heater have threaded screw holes and "W" to be attached to the ceiling have unthreaded screw holes.
- Once a suitable location has been found, see diagram 3 for what will be the final positioning of the "H" horseshoe brackets secured on the heater. Use this as reference for mounting the "W" brackets to the ceiling.
- Drill two holes into the ceiling 85 mm apart from each other. Using the fixings provided attach one of the "W" horseshoe brackets to the ceiling, ensuring the tabs are facing outwards. The bracket can be used as a template if required.
- For the 1.2 kW model measure 700 mm horizontally (for the 2.4 kW model measure 1300 mm horizontally) from one tab hole to another and drill another two holes in line with the previous two and attach the second "W" horseshoe bracket, ensuring the tabs are facing outwards.
- Using diagram 2 for reference, take one of the "H" horseshoe brackets and feed the tabs into the channel on the back of the unit with the tabs facing inwards. This must be done from the side without the power cable and slide towards the opposite end.
- Take the second "H" horseshoe bracket and feed the tabs into the channel on the back of the unit again with the tabs facing inwards, (the distance between the screw holes will be approximately 660 mm from the first bracket for the 1.2 kW model and 1260 mm for the 2.4 kW model). Note tabs on ceiling face outwards and tabs on the heater face inwards so distance between tabs is smaller on the heater.

- Loosely screw the “H” brackets in place on the back of the unit using the wing nut bolts provided and with the help of a second person lift the unit up to the horseshoe brackets mounted on the ceiling to ensure they match.
- Once the brackets have been checked and the positions are correct, lower the unit and tighten the wing nuts holding the “H” brackets on the back of the unit in place.
- With the help of the second person lift the unit up to the horseshoe brackets on the ceiling, choose any two corresponding screw holes to give the most appropriate angle. Ensure the brackets on the ceiling and the unit overlap so that the wing nut bolts will fit through and secure both together using the wing nuts, with the wing nut bolt going in from the outside of the bracket, fasten tightly to secure with the wing nuts on the inside of the bracket (see diagram 4).

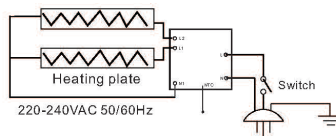
## 4. Electrical Connection



Do not plug in until heater is securely fixed to the wall. The heater must not be located immediately below an electrical socket.

The heater is supplied with 1.5 m power cable and plug. Cable entry is to the right of the unit.

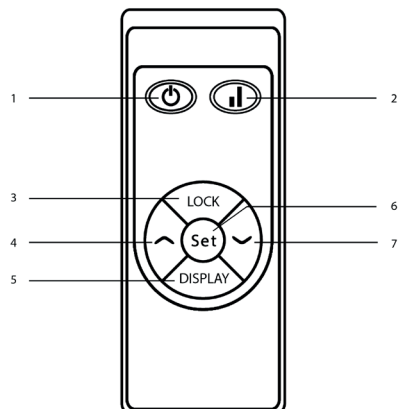
CIRCUIT DIAGRAM



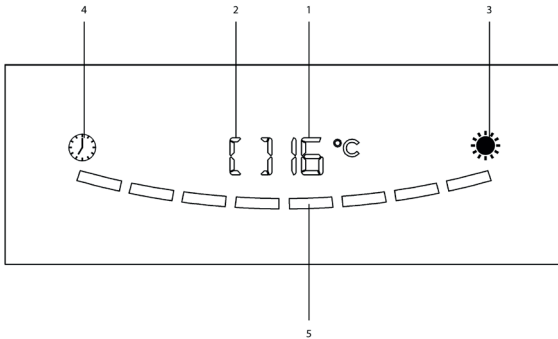
## 5. Operation

### Remote Control Overview

- Standby on/ off button
- Full/ Half power button
- Lock button
- Up button
- Display on/ off button
- Set button
- Down button



## Display Panel Overview



1. Actual room temperature & temperature/ timer setting indicator
2. Lock indicator
3. Power on full/ half power indicator
4. Timer on indicator
5. Element on indicator

## Turning the Heater On

- Switch the heater on using the red manual switch located on the side of the heater. The actual room temperature is shown on the display panel. Switch the unit on with the standby button on the remote. The power on indicator will light up on the display panel. If the unit is heating the element on indicator will flash (8 segments full power, 4 segments half power).

## Setting the Temperature

- This is a radiant heater designed to heat a targeted area. It has a black bulb sensor thermostat that allows the maximum room temperature at which the heater will operate at to be set.
- Press the set button on the remote. 'xx°C' will flash on the temperature/ timer setting indicator. Use up and down buttons to select the desired maximum room temperature setting. This will automatically save after 5 seconds and return to operational mode.
- Once the temperature has been set the heater will remember the setting even if turned on and off again. Press the set button and the selected temperature will be displayed.

## Setting the Timer

- Press the set button twice. '00' will flash on the temperature/ timer setting indicator. Use the up and down buttons to select the time for the heater to stay on before it switches itself off (minimum 1 hour maximum 24 hours). This will automatically save after 5 seconds and return to operational mode. The timer on indicator will illuminate to indicate the timer is set.



- Once the timer setting has been saved and the heater has returned to operational mode press the set button twice to bring up how long is left on the timer counting down every hour.
- Each time the heater is switched off and on the timer will reset to zero and requires resetting. It is recommended the timer is always used to avoid energy wastage.

## **Locking the Unit**

- In order to lock the heater, press the lock button followed by the standby button and the LOCK indicator will show on the unit's LED screen for 5 seconds.
- When the lock function is active it is not possible to change any settings or switch the heater on/ off.
- The lock indicator will show whenever a button is pressed to indicate the heater is in locked mode.
- In order to unlock press the lock button followed by the standby button again and the LOCK indicator will disappear from the LED screen.

## **Display Screen On/ Off**

- The display button gives the option to switch the element on and temperature indicator off.

## **Full/ Half Power Option**

- The full/ half power button gives the option to switch between the full/ half power setting. The power on indicator on the display panel will change from a full sun which indicates the heater is in full power mode to a half sun which indicates the heater is in half power mode.

## **Open Window Function**

- When the heater is switched on and the temperature drops 3°C or more within two minutes the open window detection will begin to work and the heater will stop heating.
- The LED will flash and a beeping sound will be made for 5 minutes. Once sound has stopped the LED will continue to flash until manually reset.

## 6. Maintenance

The heater should be inspected and cleaned periodically.

- Ensure the heater is isolated from the power supply and has fully cooled down before commencing any cleaning of the heater.
- Use a non-abrasive, dry cloth to dust the heater as required.
- If the remote battery needs replacing it requires on CR2032 button battery.

## 7. Specification

|                   | VC1200T           | VC2400T            |
|-------------------|-------------------|--------------------|
| Supply            | 230v~ 50Hz        | 230v~ 50Hz         |
| Power             | 1.2 kW            | 2.4 kW             |
| IP Rating         | IP44              | IP44               |
| Approvals         | CE                | CE                 |
| Weight            | 4.0 kg            | 8.0 kg             |
| Size ( h x d x w) | 150 x 63 x 920 mm | 150 x 63 x 1510 mm |

## 8. Information Requirements for Electrical Local Space Heaters

| Item                                     | Symbol            | Model Identifier |         | Unit |
|--|-------------------|------------------|---------|------|
|  |                   | VC1200T          | VC2400T |      |
| <b>Heat output</b>                       |                   |                  |         |      |
| Nominal heat output                      | P <sub>nom</sub>  | 1.2              | 2.4     | kW   |
| Minimum heat output (indicative)         | P <sub>min</sub>  | 0.6              | 1.2     | kW   |
| Maximum continuous heat output           | P <sub>max</sub>  | 1.2              | 2.4     | kW   |
| <b>Auxiliary electricity consumption</b> |                   |                  |         |      |
| At nominal heat output                   | e <sub>lmax</sub> | 1.130            | 2.283   | kW   |
| At minimum heat output                   | e <sub>lmin</sub> | 0.581            | 1.125   | kW   |
| In standby mode                          | e <sub>lSB</sub>  | 0.17             | 0.17    | W    |

| Item   | VC1200T | VC2400T |
|--|---------|---------|
| <b>Type of heat input, for electrical storage local space heaters (select one)</b> |         |         |
| Manual heat charge control with integrated thermostat                              | No      | No      |
| Manual heat charge control with room and/ or outdoor temperature feedback          | No      | No      |
| Electronic heat charge control with room and/ or outdoor temperature feedback      | No      | No      |
| Fan assisted heat output   | No      | No      |
| <b>Type of heat output/ room temperature control (select one)</b>                  |         |         |
| Single stage heat output and no room temperature control                           | No      | No      |
| Two or more manual stages, no room temperature control                             | No      | No      |
| With mechanic thermostat room temperature control                                  | No      | No      |
| With electronic room temperature control   | No      | No      |
| Electronic room temperature control plus day timer                                 | Yes     | Yes     |
| Electronic room temperature control plus week timer                                | No      | No      |
| <b>Other control options (multiple selections possible)</b>                        |         |         |
| Room temperature control, with presence detection                                  | No      | No      |
| Room temperature control, with open window detection                               | Yes     | Yes     |
| With distance control option   | No      | No      |
| With adaptive start control  | No      | No      |
| With working time limitation   | No      | No      |
| With black bulb sensor   | Yes     | Yes     |



INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH THE EUROPEAN DIRECTIVE 2002/96/E.

At the end of its working life this equipment must not be disposed of as household waste. It must be taken to a local authority waste collection centre or to a dealer providing this service. Disposing of electrical and electronic equipment separately enables its components to be recovered and recycled to obtain significant savings in energy and resources. In order to underline the duty to dispose of this equipment separately, the product is marked with a crossed out dustbin.

## 9. Guarantee

This product is covered by a standard parts or replacement warranty for a period of 12 months from the date of purchase. If there is a manufacturing defect within the warranty period we will send spare parts, repair and return the unit or, at our discretion, supply a replacement product. Incorrect installation and failure to follow correct operating instructions are excluded. Consequential costs such as labour charges or damage to surroundings are expressly excluded.

## 10. Contact Us

If you experience a problem with this product you should first contact our service department on 01924 225 200 before taking any further action. Experience has shown that issues can often be resolved without the need to return or uninstall the product.

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