



QUALITY SPACE HEATERS



Installation & Control Guide for  
Wireless Controlled PLSTi Low Surface Temperature Fan Heaters  
With Intelligent Fan Control

Models

PLSTi100RX, PLSTi150RX/PLSTi150SSRX

Please note:

'SS' suffix added to model number denotes Stainless Steel derivative.

All electrical appliances produced by the Company are guaranteed for one year against faulty materials or workmanship. This applies only if the appliance has been used for purposes in accordance with the instructions provided and has not been connected to an unsuitable electricity supply, or subject to misuse, neglect, damage or modified or repaired by any person not authorized by us. This guarantee is offered to you as an extra benefit and does not affect your legal rights.

The correct electricity supply voltage is shown on the rating label attached to the appliance.

Reasonable care has been taken to ensure that this guide is accurate at the time of printing. In the interest of progress the Company reserve the right to vary specifications from time to time without notice.

## Overview

Please read this guide carefully and retain for future use and maintenance.

This appliance has been designed and manufactured to the highest international standards, however, care must be taken for optimal results and safety. This appliance also meets the requirements of EU Directive 2004/106/EC for EMC and 2009/125/EC Directive.

## Safety & Care

Our Low Surface Temperature heaters have been designed and built to the NHS requirement for safe surface temperatures which is that no surface which can be touched by the user will be more than 43 degrees C (at a room temperature of 21 degrees C.) This means that our Low Surface Temperature heaters out-perform the European Standard by a significant margin.

The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

## Warning

- Do NOT site the appliance in a corner.
- Do NOT handle the appliance with wet hands.
- Do NOT use the appliance in workshops or rooms where excessive dust is generated or present.
- Ensure that nothing is pushed into the air outlet of this appliance.
- Do NOT touch outlet grille when the appliance is in use.
- Do NOT cover or restrict the appliance when in use.
- Do NOT use the appliance if damaged.
- Do NOT leave the appliance unattended where young children are present.

## Connection to the Main Supply

Electrical installation should be carried out by a competent installer, preferably registered with NICEIC (National Inspection Council for Electrical Installation Contracting) in accordance with the 17th edition of the IEE Wiring Regulations, (BS.7671), and any relevant Local Authority Bye-Laws. This heater is fitted with a 3-core mains supply cable and must be permanently connected to the electricity supply via a double pole switch having 3mm gap on each pole. **There are no exceptions.**

A switched Fused Connection unit to BS.1363. Part 4 is a recommended mains supply connection accessory to ensure compliance with safety requirements applicable to fixed-wiring installation.

**Note:** When switched on for the first time the appliance may emit a slight smell. This is purely the evaporation of a fluid used in the manufacturing process.

**WARNING:** This appliance must be earthed.

## Thermally Operated Cut-Out

The appliance is fitted with a thermally operated cut-out (TOC). This is a safety device, which switches the heater off if, for any reason, the appliance overheats. The TOC can only be re-set after the appliance has cooled down. In order to re-set the TOC, proceed as follows:

- Switch off appliance and leave for approximately 10 minutes.
- Switch appliance back on and the TOC will re-set.
- Ensure that the appliance is functioning correctly. If the TOC control operates again, the appliance should be checked by a competent electrician.
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The heater carries a 'Do Not Cover' label to warn the user that if the appliance is covered, there is a risk of overheating.

## Cleaning

Always disconnect the heater from the mains before cleaning. The heater should not require any maintenance, but it is strongly advised that it is kept clean. An occasional wipe over with a soft cloth is all that should be necessary.

- Do NOT use metal or furniture polish on any part of the heater.
- Do NOT touch the heater with wet hands or in any way bring water into contact with it.

If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly

# Installation

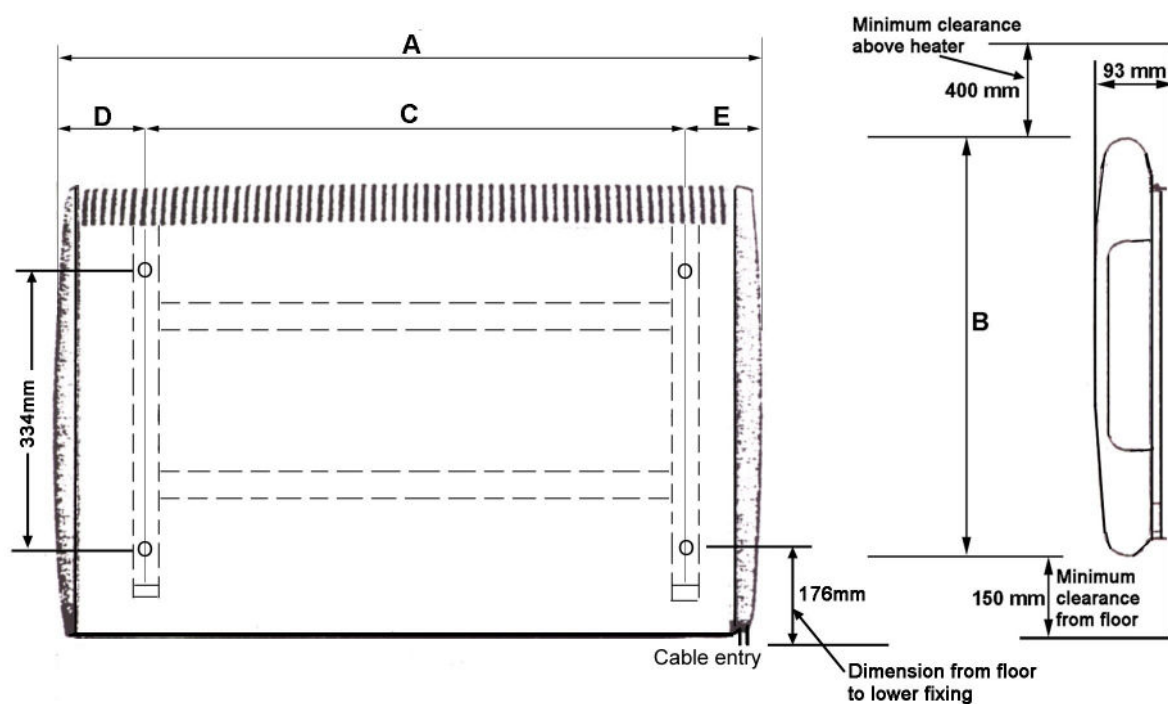


Fig 1 - Rear & Side View

	MILLIMETRES				
	WATTS	A	B	C	D/E
PLSTi100RX	1000	640	430	364	138
PLSTi150RX/SSRX	1500	892	430	616	138

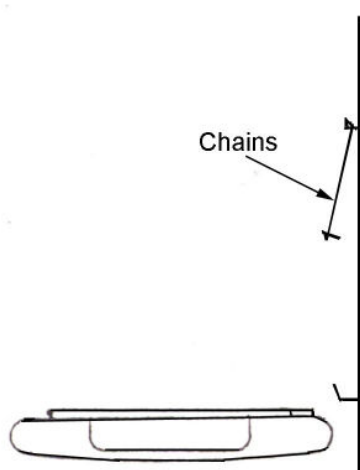


Fig 1

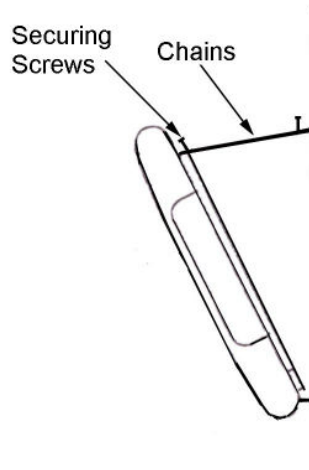


Fig 2



Fig 3

## Controls

When the appliance is connected to the mains supply and the wall socket is switched 'ON' the mains neon indicator will light, showing that the power is available to the unit.

## Operation

**This heater can only be used in conjunction with a CRXSL wireless programmable controller.** Each CRXSL can control any number of heaters in the same room.



CRXSL wireless controller

Please refer to the CRXSL installation and control guide for full operational details.

## If Your Heater Does Not Work

- Check that power is available to the heater. The LED light should be illuminated.
- Check that the thermal cut-out has not operated. Follow the reset instructions given under the section headed 'Thermally Operated Cut-out'.
- Check that the fuse in the spur unit has not blown. This can be done by replacing the fuse with another suitable fuse.

Should none of the above remedies work, then telephone the helpline number shown in these instructions (UK ONLY). Do not attempt to repair the heater.

## Intelligent Fan Control

The intelligent fan control incorporates one of the latest low energy consumption EC motors. This allows the heater to operate quietly, whilst still providing the best possible levels of comfort.

The intelligent fan control is only activated when the heat is switched on. If the heater is running in fan/boost mode only (heat switched off), then the fan will operate at a fixed speed.

When activated, the intelligent fan control detects the temperature of the room. Depending on which heat mode is activated, it will calculate the best possible airflow temperature and will adjust the fan speed accordingly.

**NOTE: When turning the heater on, or changing heat mode or fan speed mode, the fan will respond accordingly after a small time delay.**

## Mounting

**This unit is for wall mounting only.** It is designed to be very quiet in operation if mounted correctly. It must be fitted using the wall bracket supplied which has been specially designed to minimise noise levels. **Care must be taken when handling the bracket not to bend or distort it.**

When fitting more than one heater into a room we would recommend that they are sited on the same wall to optimise airflow and ensure quiet operation.

### MOUNTING ON A PLASTERBOARD WALL

- Ensure at least one of the wall brackets is secured to the timber frame of the stud wall by using standard wood screws.
- Where the bracket is fitted onto plasterboard only, ensure plasterboard fixings are used. Standard wall plugs will not be suitable.
- Where possible mount the heater(s) on an outside wall to inhibit transfer of sound within the building.

**NB: Failure to follow the instructions and recommendations provided could result in increased noise levels.**

**WARNING:** This appliance must be earthed.

### CUSTOMER HELPLINE

Should you need any advice on the use of your new Consort product please contact our Helpline:

### Consort Equipment Products Limited

Thornton Industrial Estate, Milford Haven, Pembrokeshire, SA73 2RT

Tel: 01646 692172 Fax: 01646 695195 Email: [technical@consortepl.com](mailto:technical@consortepl.com) Web: [www.consortepl.com](http://www.consortepl.com)

Operation hours: Mon to Thu 8.30am to 4.30pm | Fri 8.30am to 3.30pm

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