



# 5000W INDUSTRIAL PTC FAN HEATER

- 415V 3PH

MODEL NO: PEH5001

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to  
Instructions



Electrical  
Shock  
Hazard



Hot Surfaces




Do not Cover

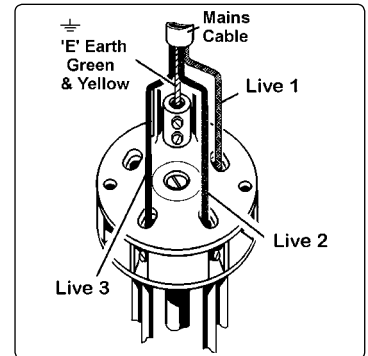
**THIS PRODUCT IS ONLY SUITABLE FOR WELL INSULATED SPACES OR OCCASIONAL USE**

## 1. SAFETY

### 1.1. ELECTRICAL SAFETY

- ❑ **WARNING! ELECTRICAL INSTALLATION OF THE FAN HEATER TO A 3-PHASE 415VOLT SUPPLY MUST ONLY BE CARRIED OUT BY A QUALIFIED ELECTRICIAN.**

- 1.1.1. Make sure the power supply cable is correctly connected to the earth. It is the user's responsibility to read, understand and comply with the following:
- 1.1.2. You must check all electrical equipment and appliances to ensure they are safe before using. You must inspect power supply leads, plugs and all electrical connections for wear and damage. You must ensure the risk of electric shock is minimised by the installation of appropriate safety devices. An RCCB (Residual Current Circuit Breaker) should be incorporated in the main distribution board.
- 1.1.3. **You must** also read and understand the following instructions concerning electrical safety. The **Electricity At Work Act 1989** requires all portable electrical appliances, if used on business premises, to be tested by a qualified electrician, using a Portable Appliance Tester (PAT), at least once a year. The **Health & Safety at Work Act 1974** makes owners of electrical appliances responsible for the safe condition of the appliance and the safety of the appliance operator. **If in any doubt about electrical safety, contact a qualified electrician.**
- 1.1.4. Ensure insulation on all cables and the product itself is safe before connecting to mains power supply.
- 1.1.5. Ensure that cables are always protected against short circuit and overload.
- 1.1.6. Regularly inspect power supply, leads, plugs and all electrical connections for wear and damage, especially power connections, to ensure that none are loose.
- 1.1.7. **Important:** Ensure the voltage marked on the product is the same as the electrical power supply to be used. A three phase plug must be fitted to this machine.
  - \* **DO NOT** pull the powered appliance by the power cable.
  - \* **DO NOT** pull power plugs from sockets by the power cable.
  - \* **DO NOT** use worn or damage leads, plugs or connections. Immediately replace or have repaired by a qualified electrician.
- 1.1.8. **This product must be fitted with a 3-phase plug according to the diagram, and will require a minimum supply of, 16Amps per phase.**
- 1.1.9. **You must contact a qualified electrician to ensure an appropriately fused supply is available. Connect GREEN/YELLOW wire to earth (E) terminal.**   
**Connect the live wires to live 1, 2 and 3.**
- 1.1.10. When completed, check that there are no bare wires, that all wires have been connected correctly, that the cable external insulation extends beyond the cable restraint and that the restraint is tight.



### 1.2. GENERAL

- ❑ **WARNING!** Disconnect the heater from the mains power supply before carrying out any servicing or maintenance.
- ✓ Maintain the heater in good order and clean condition for best and safest performance. Replace or repair damage parts.
- ✓ Locate heater in a suitable work area and keep area clean, tidy and free from unrelated materials. Ensure there is adequate lighting and keep the immediate area in front of the outlet grille clear.
- ✓ Allow the unit to cool before storage. When not in use, disconnect from the mains power supply and store in a safe, cool, dry, childproof area.
- ✓ Only use the heater standing in the upright position on a level surface.
- \* **DO NOT** use the heater where there are flammable liquids, solids or gases such as petrol, solvents, aerosols etc, or where heat sensitive materials may be stored.
- \* **DO NOT** place the heater near items that may be damaged by heat, allow at least 2mtr clearance in front of the heater. **DO NOT** allow the heater to get wet as this may cause an electric shock, causing damage to the heater and possible personal injury.
- \* **DO NOT** let power lead hang over an edge (i.e. table), or touch a hot surface, lie in the beam of heat, or run under a carpet.
- \* **DO NOT** use in bathroom, shower room, or in any wet or damp environments or where there is high condensation.
- \* **DO NOT** operate the heater when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- \* **DO NOT** insert or allow objects to enter any openings of heater as this may cause an electric shock, fire or damage to heater.
- \* **DO NOT** use heater if the power cord, plug or the heater is damaged, or if the heater has become wet.

- × **DO NOT** use the heater for any purpose other than for which it is designed.
- × **DO NOT** use a timer or other remote device to operate the heater.
- × **DO NOT** allow children to touch or to operate the heater.
- × **DO NOT** site the heater below an electrical socket outlet.
- × **DO NOT** use the heater without the grille fitted.
- × **DO NOT** use the heater out of doors. These heaters are designed for indoor use only.
- × **DO NOT** cover heater when in use, and do not obstruct the air inlet and outlet grilles.
- × **DO NOT** place heater too close to yourself or any object, allow the air to circulate freely.
- × **DO NOT** touch the outlet grille of the heater during and immediately after use as it will be hot.

## 2. INTRODUCTION

Industrial fan heater with PTC heat conducting ceramic elements to achieve an instant, totally dry heat with no condensation, no gas, no fumes and no smell. Ambient room thermostat maintains temperature at a pre-set level, Ideal for industrial applications with two heat settings or fan only. Supplied with power cable.

## 3. SPECIFICATIONS

Model No:.....**PE5001**  
 Power Settings:.....3300/5000W  
 Supply:.....415V  
 Dimensions (WxDxH):.....300x235x343mm  
 Weight:.....4.2kg

## 4. HEATER OPERATION

- 4.1. Place the heater on a level floor in the area you require to heat. Allow a minimum of 2mtr between the heater and adjacent objects.
- 4.2. Plug the heater into the mains supply and select the required output by using the rotary switch on the top of the heater. The setting are
- 4.3. fan only, half heat, full heat. The thermostat is operated by the second nob.
- 4.4. To switch the unit off, select "0". Allow the unit to cool before handling or storage.
  - WARNING! DO NOT** touch the top of the heater when in use as it becomes hot.
  - WARNING!** Always allow elements to cool before moving the units. Use only on a smooth even surface.

## 5. MAINTENANCE

- WARNING!** Before attempting any maintenance ensure the unit is unplugged from the mains power supply, it is cool and on level ground.
- × **DO NOT** use the heater with out the grills fitted.
- 5.1. Sealey recommend that repairs are carried out by a qualified electrician.



### WEEE REGULATIONS

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.



### ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

**Note:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

**Important:** No Liability is accepted for incorrect use of this product.

**Warranty:** Guarantee is 12 months from purchase date, proof of which is required for any claim.

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## Information requirements for electric local space heaters

Model identifier(s): PEH5001.V1					
Item	Symbol	Value	Unit	Item	Unit
<b>Heat output</b>				<b>Type of heat input, for electric storage local space heaters only (select one)</b>	
Nominal heat output	$P_{nom}$	5.0	kW	Manual heat charge control, with integrated thermostat	Yes No <input checked="" type="checkbox"/>
Minimum heat output (indicative)* * Enter figure or NA	$P_{min}$	3.3	kW	Manual heat charge control with room and/or outdoor temperature feedback	Yes No <input checked="" type="checkbox"/>
Maximum continuous heat output	$P_{max,c}$	5.0	kW	Electronic heat charge control with room and/or outdoor temperature feedback	Yes No <input checked="" type="checkbox"/>
				Fan assisted heat output	Yes No <input checked="" type="checkbox"/>
<b>Auxiliary electricity consumption</b>				<b>Type of heat output/room temperature control (select one)</b>	
At nominal heat output	$eI_{max}$	N/A	kW	Single stage heat output and no room temperature control	Yes No <input checked="" type="checkbox"/>
At minimum heat output	$eI_{min}$	N/A	kW	Two or more manual stages, no room temperature control	Yes No <input checked="" type="checkbox"/>
In standby mode	$eI_{SB}$	N/A	kW	With mechanic thermostat room temperature control	Yes <input checked="" type="checkbox"/> No
				With electronic room temperature control	Yes No <input checked="" type="checkbox"/>
				Electronic room temperature control plus day timer	Yes No <input checked="" type="checkbox"/>
				Electronic room temperature control plus week timer	Yes No <input checked="" type="checkbox"/>
				<b>Other control options (multiple selections possible)</b>	
				Room temperature control, with presence detection	Yes No <input checked="" type="checkbox"/>
				Room temperature control, with open window detection	Yes No <input checked="" type="checkbox"/>
				With distance control option	Yes No <input checked="" type="checkbox"/>
				With adaptive start control	Yes No <input checked="" type="checkbox"/>
				With working time limitation	Yes No <input checked="" type="checkbox"/>
				With black bulb sensor	Yes No <input checked="" type="checkbox"/>
Contact details: Sealey Group, Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk, IP32 7AR. <a href="http://www.sealey.co.uk">www.sealey.co.uk</a>					
v1					ERP Table 2