



# 9000W INDUSTRIAL PTC FAN HEATER - 400V 3PH

MODEL NO: PEH9001

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



Indoor use  
only

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

### 1. SAFETY

#### 1.1. ELECTRICAL SAFETY

- ☐ **WARNING!** It is the user's responsibility to check the following:
- ✓ Check all electrical equipment and appliances to ensure that they are safe before using. Inspect power supply leads, plugs and all electrical connections for wear and damage. Sealey recommend that an RCD (Residual Current Device) is used with all electrical products.
- Electrical safety information.** It is important that the following information is read and understood:
- ✓ Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.
- ✓ Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that they are secure.
- Important:** Ensure that the voltage rating on the appliance suits the power supply to be used and that the plug is fitted with the correct fuse.
- ✗ **DO NOT** pull or carry the appliance by the power cable.
- ✗ **DO NOT** pull the plug from the socket by the cable.
- ✗ **DO NOT** use worn or damaged cables, plugs or connectors. Ensure that any faulty item is repaired or is replaced immediately by a qualified electrician.
- If the cable or plug is damaged during use, switch off the electricity supply and remove from use.
- Ensure that repairs are carried out by a qualified electrician.**
- If an extension reel is used it should be as short as possible and fully unwound before connection. A reel with an RCD fitted is preferred since any appliance plugged into it will be protected. The cable core section is important and should be at least 1.5mm<sup>2</sup>, but to be absolutely sure that the capacity of the reel is suitable for this product and for others which may be used in the other output sockets, we recommend the use of 2.5mm<sup>2</sup> section cable.

#### 1.2. GENERAL SAFETY

- ☐ **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 grill 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 2m 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 this heater in the immediate surroundings of a bath, a shower or a swimming pool.
- ✗ **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 grill 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 grills.
- ✗ **DO NOT** place heater too close to yourself or any object, allow the air to circulate freely.
- ✗ **DO NOT** touch the outlet grill of the heater during and immediately after use as it will be hot.
- ☐ **WARNING! DO NOT** use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.
- ☐ **WARNING!** To reduce the risk of fire, keep textiles, curtains, or any other flammable material to a minimum distance of 1m from the air outlet.
- ✗ **DO NOT** use this heater if it has been dropped.
- ✗ **DO NOT** use if there are visible signs of damage to the heater.
- ✓ Use this heater on a horizontal and stable surface, or fix it to a wall as applicable.

**NOTE:** Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.

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

## 2. INTRODUCTION

Features PTC heat conducting ceramic elements to achieve an instant, odour-free heat. Ambient room thermostat maintains temperature at a preset level. Ideal for industrial applications with two heat settings or fan only. Supplied with 3-phase power cable and plug.

## 3. SPECIFICATIONS

**Model No:**.....PEH9001  
**Heated area** ..... 180m<sup>3</sup>  
**Output:** .....31,000Btu/hr  
**Power Settings:**.....6000/9000W  
**Power Supply Cable Length:**..... 1.3m  
**Supply:**.....400V/3ph - 16A

## 4. OPERATION

- 4.1. Place the heater on a level floor in the area you require to heat. Allow a minimum of 2m 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, see fig.1. The settings are fan only, half heat, full heat. The thermostat is operated by the second knob.
- 4.3. 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.



### 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.



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PURCHASE HERE



### 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.

**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): PEH9001.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	$P_{nom}$	9.0	kW	Manual heat charge control, with integrated thermostat	Yes No <input checked="" type="checkbox"/>
Minimum heat output (indicative)* * Enter figure or NA	$P_{min}$	6.0	kW	Manual heat charge control with room and/or outdoor temperature feedback	Yes No <input checked="" type="checkbox"/>
Maximum continuous heat output	$P_{max,c}$	9.0	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	