



3KW INDUSTRIAL FAN HEATER WITH 2 HEAT SETTINGS 230V

MODEL NO: EH3001.V3

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
Instruction
manual



Indoor Use
Only



Do Not
Cover

This piece of equipment is solely designed for use by a responsible adult/professional user who has received adequate training on its operation & safety risks.

This product is only suitable for well insulated areas 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.
 - ✓ Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.
 - ✗ **DO NOT** use worn or damaged cables, plugs or connectors.
 - ✓ Ensure that any faulty item is repaired or replaced immediately by a Sealey qualified technician.
 - ✓ If the cable or plug is damaged during use, switch off the electricity supply and remove from use.
 - ✓ If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
 - ✓ Sealey recommend that an RCD (Residual Current Device) is used with all electrical products.
- 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.
- ✓ The appliance must be placed in such a way, that the power supply is accessible at all times.
- ✓ Before connecting the appliance to the power supply, check that the power supply voltage and current rating corresponds with the power supply details shown on the appliance rating label.
- ✓ Never use a damaged appliance! Disconnect the appliance from the power source and contact your supplier if it is damaged.
- ▲ **Danger of electric shock! DO NOT** attempt to repair the appliance yourself. In case of malfunction, repairs are to be conducted by qualified personnel only.
- ✓ To avoid damaging the cord, do not squeeze, bend or chafe it on sharp edges. Keep it away from hot surfaces and open flames as well.
- ✗ **DO NOT** open the appliance casing under any circumstances. **DO NOT** insert any foreign objects into the inside of the casing.

1.2. GENERAL SAFETY

- WARNING!** The appliance shall be disconnected from its power source during service and when replacing parts and, if the removal of the plug is foreseen, it shall be clearly indicated that the removal of the plug has to be such that an operator can check from any of the points to which they have access that the plug remains removed.
- 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.
- ✓ Servicing or maintenance must only be carried out by an authorised service agent.
- ✓ Check that the heater is in sound condition and good working order. Take immediate action to repair or replace damaged parts.
- ✓ Use recommended parts only. Unapproved parts may be dangerous and will invalidate the warranty.
- ✗ **DO NOT** attempt to repair a damaged heater, contact an authorised service agent.
- WARNING!** In order to avoid overheating, **DO NOT** cover the heater.

1.3. POSITIONING OF HEATER

- WARNING!** To reduce the risk of fire, keep textiles, curtains, or any flammable material a min. distance of 1m from the air outlet.
- WARNING! DO NOT** use the heater near flammable material, liquids, solids, gases or compressed gas cylinders etc.
- ✓ Use this heater on a horizontal and stable surface, or fix it to a wall as applicable.
- ✗ **DO NOT** use this heater in the immediate surroundings of a bath, a shower or a swimming pool.
- ✗ **DO NOT** place the heater up against any surface such as a wall, door or furniture etc.
- ✗ **DO NOT** place the heater immediately below any electrical outlet.
- ✗ **DO NOT** place the heater on a raised surface or anywhere where it could topple over.
- ✗ **DO NOT** get the heater wet or use in areas of high condensation.
- ✗ **DO NOT** allow the power lead to touch hot surfaces.
- ✗ **DO NOT** connect the heater to a timer device or other equipment than can automatically switch the heater on or off.
- ✗ **DO NOT** operate the heater when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✗ **DO NOT** stand on the heater.
- ✗ **DO NOT** use the heater with wet hands or when there is water on the power cord.
- ✗ **DO NOT** use the heater for anything other than its intended purpose. It is designed to provide heat in enclosed areas such as workshops and other industrial areas. It is not suitable for drying clothes or laundry.

- ✓ Position the heater at least a minimum of 1m at the front, rear and sides from any walls or objects.
- ✓ If an extension cable is required it must be of at least the same cross section as the heater cable. It must be as short as possible and fully unwound.
- ✓ Ensure that the heater is correctly turned off when not in use and store in a safe, dry, childproof location.

1.4. OPERATIONAL PRECAUTIONS

- ✓ The heater must only be used by people who have read these instructions and have been trained in its use.
- ✗ **DO NOT** obstruct the air inlet and outlet sections of the heater.
- **WARNING!** In order to avoid overheating, **DO NOT** cover the heater.
- ✗ **DO NOT** use the heater without the grille fitted.
- ✗ **DO NOT** use if the heater has been dropped.
- ✗ **DO NOT** use if there are visible signs of damage to the heater.
- ✗ **DO NOT** touch the heater casing or grille when first switched off, as these will be very hot and will take time to cool.
- **WARNING!** Children shall **NOT** play with the appliance.
NOTE: Children of less than 3 years should be kept away unless supervised continuously.
 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.
- **WARNING!** Children from the age of 8 years and above, persons with reduced physical, sensory, or mental capabilities those with a lack of experience and knowledge can use the appliance, if they have been given supervision or instruction concerning use of the appliance in a safe way to understand the hazards involved.
CAUTION: Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.
NOTE: The heater must not be located immediately below a socket output.
- **WARNING!** Cleaning and user maintenance on the appliance shall not be made by children without supervision.
- ✓ During transport, handling, and storage, ensure the product is protected from impacts, moisture, dust, and extreme temperatures. Always carry the heater in an upright position and avoid dropping or subjecting it to mechanical shock. Store the unit in a dry, well-ventilated area, away from direct sunlight and corrosive environments, and keep it in its original packaging whenever possible to prevent damage.

2. INTRODUCTION

Electric fan heater for industrial applications. Two heat settings with thermostat control, plus fan only option. A totally dry heat with no condensation, no gas, no fumes and no smell. Easily portable with a carry frame makes it ideal for workshops and garages. 10,000Btu/hr (3KW) that can heat an area of 30m³. Supply 230V - 16A. Supplied with power cable only.

3. SPECIFICATION

Model No:	EH3001.V3
Heated Area:	30m ³
Nett Weight:	3.2kg
Output:	10,000Btu/hr

Plug Type:	3-Pin BS
Power Supply Cable Length:	1.46m
Power:	35/1500/3000W
Supply:	230V - 16A

IMPORTANT! This unit is designed to raise the ambient temperature of an entire room, the temperature of the air coming out of the front of the heater will be warmer than the general temperature of the room, but there may not be a significant increase due to the large volume of air passing over the element. For the same reason, the element is hot during operation, but does not glow visibly. The room temperature depends on room size, insulation and the ambient temperature, which will increase as the room gets warmer.

4. FEATURES

1	ON/OFF - Fan, Half Heat, Full heat settings switch.
2	Thermostat dial: Min/Max in Increments of 25°C.
3	Carry Handle.
4	Heater Angle Adjustment.
5	Front Grill.
6	Air Intake.
7	Supplied with cord and plug.

5. OPERATION

When using the 3kW Industrial Fan Heater for the first time, you may notice a slight emission of smoke and a mild odor; this is normal and will stop after a short period of operation. The stainless steel heating element is coated with a protective oil during manufacturing, and when the heater is first switched on, any remaining oil burns off, which may cause temporary smoke. This is expected and does not indicate a fault with the appliance.

- 5.1. Position heater in an upright position on a firm surface and at a safe distance from any obstructions, flammable substances etc. Keep to a minimum of 1m clearance at the rear and sides, and 2m clearance at the front.
- 5.2. Connect the heater to a suitable mains supply.
- 5.3. Set the thermostat dial to the maximum setting (fully clockwise).
- 5.4. The heater will switch on when the power setting selector is set to one of the two power settings.



NOTE: It will take up to three minutes for the heater to reach optimum temperature.

- 5.5. Once the room reaches the required temperature, heating element will stop working and the fan will stop. Once the temperature decreases, the heating element and fan will restart working automatically and thus keep the room temperature constant.
- 5.6. For fan-only operation, turn the power/fan selector to the fan-only setting and set the thermostat to its minimum setting. Allow the heater to cool down before handling and ensure it is kept dry at all times. When not in use, disconnect the heater from the mains supply and store it in a safe, dry, childproof location.

6. MAINTENANCE

- ❑ **WARNING!** Before attempting any maintenance, ensure that the unit is unplugged from the mains power supply and that it has cooled down.
- 6.1. Clean the heater with a soft dry cloth only. **DO NOT** use abrasives or solvents.
- ❑ **WARNING!** If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- ❑ **WARNING!** In the event of an accident or breakdown, immediately switch off the heater and disconnect it from the mains supply. Attempt to continue using the unit, and keep it away from flammable materials. If there is smoke, unusual smells, or signs of electrical fault, evacuate the area if necessary and allow the heater to cool completely. Contact a qualified technician for inspection, repair, or emergency service before attempting to use the heater again.
- 6.2. The product requires minimal maintenance under normal operating conditions. Regularly inspect the heater and its fittings for signs of damage, loose connections, or dust accumulation, and clean the exterior and air vents as needed to ensure proper airflow. Any servicing, internal maintenance, or emergency repairs must be carried out by a qualified technician using approved replacement parts. Disconnect the heater from the mains supply before performing any inspection or maintenance work.
- 6.3. Preventative maintenance measures include regularly inspecting the heater for visible damage, ensuring that air inlets and outlets remain clean and unobstructed, and removing dust build-up to maintain efficient airflow and safe operation. Periodically check the power cord and plug for signs of wear or damage, and ensure all fittings remain secure. Always disconnect the heater from the mains supply before cleaning or inspection, and have the unit checked by a qualified technician if any irregular operation is observed.
- 6.4. Spare parts that affect health and safety, such as heating elements, thermostats, switches, and power cords, must be replaced only with manufacturer-approved components that meet the original specifications. Using incorrect or substandard parts can lead to electric shock, fire, overheating, or malfunction. All replacements should be carried out by a qualified technician, and the heater must be disconnected from the mains supply before any work is performed.

7. TROUBLE SHOOTING

Problem	Possible Cause	Remedy
The heater does not operate, even when it is plugged in and the switch and thermostat are turned on.	The plug is loose, bad connection.	Remove the plug from the socket and check for any loose or faulty connections. Reconnect it and try again. If the issue persists, contact the Sealey Service Centre.
The heating element is glowing.	1. The input voltage is too high or too low. 2. The air inlet grill is blocked.	1. Use power supply according to the rating on the label. 2. Keep the heater away from items such as curtains, plastic bags, paper, or anything that can cover the air inlet.
The heater does not heat up.	The thermostat is set too low, the heating element is faulty, or there is a blown fuse or tripped circuit breaker.	Check and adjust the thermostat, inspect the heating element and replace if necessary, and ensure the fuse or circuit breaker is intact and reset if needed.
Abnormal noise	Loose components, debris in the fan, worn bearings, or an improperly mounted fan blade.	Switch off the heater and disconnect it from the mains supply. Inspect and tighten any loose components, remove debris from the fan, and check that the fan blade is properly mounted. If the noise persists, have the heater serviced by a qualified technician.

8. END OF LIFE

- 8.1. When the product reaches the end of its service life, it must be disconnected from the mains supply and rendered inoperative before disposal. Dismantling should only be carried out by a qualified person, with components separated according to material type for appropriate recycling or disposal. Electrical and electronic parts must not be disposed of with household waste and should be delivered to an authorised recycling facility in accordance with local regulations.



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.



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. Please note that other versions of this product are available. If you require documentation for alternative versions, please email or call our technical team on technical@sealey.co.uk or 01284 757505.

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): EH3001 v3					
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat output/room temperature control (select one)	
Nominal heat output	P_{nom}	3.0	kW	Single stage heat output and no room temperature control	Yes No <input checked="" type="checkbox"/>
Minimum heat output (indicative)* <i>* Enter figure or NA</i>	P_{min}	1.5	kW	Two or more manual stages, no room temperature control	Yes No <input checked="" type="checkbox"/>
Maximum continuous heat output	$P_{max,c}$	3.0	kW	With mechanic thermostat room temperature control	Yes <input checked="" type="checkbox"/> No
				With electronic room temperature control	Yes No <input checked="" type="checkbox"/>
Power consumption				Electronic room temperature control plus day timer	Yes No <input checked="" type="checkbox"/>
In off mode	P_o	0.0	W	Electronic room temperature control plus week timer	Yes No <input checked="" type="checkbox"/>
In standby mode	P_{sm}	0.0	W	Other control options (multiple selections possible)	
In idle mode	P_{idle}	0.0	W	Room temperature control, with presence detection	Yes No <input checked="" type="checkbox"/>
In network standby	P_{nsm}	0.0	W	Room temperature control, with open window detection	Yes No <input checked="" type="checkbox"/>
Standby mode with display information or status		No		With distance control option	Yes No <input checked="" type="checkbox"/>
Seasonal space heating energy efficiency in active mode	$\eta_{s,on}$	85	%	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"/>
				With self-learning functionality	Yes No <input checked="" type="checkbox"/>
				With control accuracy	Yes No <input checked="" type="checkbox"/>