



INDUSTRIAL FAN HEATER 2KW

MODEL NO: **EH2001.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
instructions



Indoor use
only



DO NOT
cover

1. SAFETY

IMPORTANT: READ INSTRUCTIONS CAREFULLY: Read and follow all instructions. **DO NOT** allow anyone who has not read these instructions to assemble, adjust or operate the heater. This product is only suitable for well insulated spaces or occasional use.

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.
- ✓ 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 mains power supply.
- ✗ **DO NOT** pull or carry the appliance by the power cable.
- ✗ **DO NOT** pull the plug from the socket by the cable.
- ✗ 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.

IMPORTANT: DO NOT dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local authority for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging health and well-being.

1.2. GENERAL SAFETY

- ☐ **WARNING!** In order to avoid overheating, **DO NOT** cover the heater.
- ✓ Children from age 8 years and above, persons with reduced physical, sensory, or mental capabilities those with 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.
- ✗ Children shall **NOT** play with the appliance.
- ✗ Cleaning and user maintenance on the appliance shall **NOT** be made by children without supervision.
- ✓ Children of less than 3 years should be kept away unless continuously supervised.
- ✓ 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.
- ✗ The heater must **NOT** be located immediately below a socket outlet.

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.

1.3. PORTABLE HEATER SAFETY

- ✗ **DO NOT** use outdoors in damp weather or other wet or damp environments.
- ✗ **DO NOT** use this heater in the immediate surroundings of a bath, a shower or a swimming pool.
- ✗ **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.
- ☐ **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 a minimum distance of 1m from the air outlet.
- ✗ **DO NOT** connect the fan heater using an on/off timer or other equipment which can automatically switch the device on.
- ✗ **DO NOT** place the fan heater in rooms where flammable liquids or gases are used or stored.
- ✓ If an extension cord is used, it must be as short as possible and always be fully extended.
- ✗ **DO NOT** connect other appliances to the same mains socket as the fan heater.
- ✗ **DO NOT** place the appliance on moving vehicles or somewhere it could easily be tipped over.
- ✓ Ensure the heater is always under surveillance and keep children and animals away from it;
- ✓ Unplug the appliance when not in use for extended periods. **DO NOT** leave the heater for a considerable amount of time when in use.
- ✓ The power coupler is waterproof when not in use. In order to prevent possible electric shock or leakage current, **NEVER** use the appliance with wet hands or operate the appliance when there is water on the power cord.

2. INTRODUCTION

Electric fan heater for industrial applications. One heat setting with thermostat control, plus fan only. A totally dry heat with no condensation, no gas, no fumes and no smell. Ideal for workshops and garages. Supplied with power cable and 3-pin plug.

3. SPECIFICATION

Model No:.....EH2001.V3
Fuse Rating:.....13A
Heated Area:.....242m³/h
Nett Weight:2.8kg
Output:6,800Btu/hr

Plug Type:3-Pin BS
Power Supply Cable Length:.....1.3m
Power:.....2000W
Supply:.....230V - 13A

4. OPERATION

NOTE: When using the heater for the first time, you may notice a slight emission of smoke. This is normal and will disappear after a short period of time. The heating element is made of stainless steel and was coated with protective oil. The smoke is caused by the leftover oil when heated.

4.1. PREPARATION

Position the heater upright on a firm, level surface. Keep the heater away from wet environments and flammable objects. Connect the heater to the mains supply. Set the thermostat knob to the MAX setting.

4.2. TURNING THE HEATER ON

The heating selector has three positions: (1) OFF, (2) FAN & (3) HEATER. To heat a room, turn the selector to the HEATER position. **NOTE:** the heater and fan will cut out and back in automatically to maintain a constant room temperature.

4.3. ADJUSTING ROOM TEMPERATURE

Turn the thermostat knob clockwise to increase room temperature, or anticlockwise to decrease room temperature.

4.4. TURNING THE HEATER OFF

Before switching off the heater, turn the thermostat to the MIN position and turn the heating selector to the fan position. Allow the appliance to cool down for two minutes before turning OFF.



5. MAINTENANCE

☐ **WARNING!** Before starting any maintenance, shut down, unplug from mains supply and let the heater cool down for at least 15 minutes.

5.1. MAINTENANCE

Maintenance is to be performed when necessary to maintain correct and safe performance. Before conducting any maintenance work, turn off, unplug and let the heater cool down. All maintenance should be performed by an authorised service centre. Electrical repairs should **ONLY** be made by a qualified electrician. If the heater needs service or repair, contact a qualified technician. **DO NOT** use a faulty unit unless a qualified technician has inspected and repaired it. Maintenance work may include replacement of parts, such as the heating element, switches, control box, thermostat, motor etc. All replacement parts must be genuine authorised parts.

5.2. CLEANING

Before cleaning the appliance, disconnect it from the socket and let it cool down. Regularly clean with a damp cloth, lukewarm water and mild detergent. **DO NOT** use abrasive materials or aggressive chemicals to clean the heater. **DO NOT** spray water on the heater, or allow water enter the internal parts. **DO NOT** open the enclosure to clean internal parts. Clean the cord and plug, dry and pack it in a plastic bag.

5.3. STORAGE

Before storing the heater, make sure it is perfectly cool and dry. Empty the fuel out of the tank into an approved container. Cover the unit with a plastic bag, put it in its packing box and store it in a dry, ventilated, childproof location.

6. END OF LIFE

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.

7. TROUBLESHOOTING

Before contacting an authorised service centre, please review the troubleshooting table below.

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
The heater does not operate, even when plugged in and switched on.	The plug is loose or has a bad connection.	Pull out the plug, check the connection of the plug and socket. Then connect again.
	No power in socket outlet.	Insert the plug into a suitable outlet.
	Thermostat set too low.	Turn the thermostat knob clockwise to increase the temperature.
The heating element is glowing.	The input voltage is too high/low.	Use a suitable power supply according to the rating on the label.
	The air inlet grill is blocked.	Keep the heater far way from articles such as curtains, plastic bags, paper and other things which can cover the inlet.
The appliance failed to heat up, or only the fan operated.	The selector is not on the HEATER setting.	Turn the selector to the HEATER position.
	The thermostat has been set too low.	Turn the thermostat knob clockwise to increase the temperature.
	The self-resetting cut-out operated.	Turn the heater off and inspect the blockage of the inlet or outlet. Disconnect the plug and wait at least 10 minutes for the protection system to reset before attempting to restart the heater.
Abnormal noise.	Uneven position.	Place the heater on a suitable level surface as per these instructions.



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.



REGISTER YOUR 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. 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): EH2001 v3					
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat output/room temperature control (select one)	
Nominal heat output	P_{nom}	2.000	kW	Single stage heat output and no room temperature control	Yes No ✓
Minimum heat output (indicative)* * Enter figure or NA	P_{min}	2.000	kW	Two or more manual stages, no room temperature control	Yes No ✓
Maximum continuous heat output	$P_{max,c}$	2.000	kW	With mechanic thermostat room temperature control	Yes ✓ No
Power consumption				With electronic room temperature control	Yes No ✓
				Electronic room temperature control plus day timer	Yes No ✓
In off mode	P_o	0.00	W	Electronic room temperature control plus week timer	Yes No ✓
In standby mode	P_{sm}	0.00	W	Other control options (multiple selections possible)	
In idle mode	P_{idle}	0.00	W	Room temperature control, with presence detection	Yes No ✓
In network standby	P_{nsm}	0.00	W	Room temperature control, with open window detection	Yes No ✓
Stanby mode with display information or status		NO		With distance control option	Yes No ✓
Seasonal space heating energy efficiency in active mode	$\eta_{s,on}$	85	%	With adaptive start control	Yes No ✓
				With working time limitation	Yes No ✓
				With black bulb sensor	Yes No ✓
				With self-learning functionality	Yes No ✓
				With control accuracy	Yes No ✓
Contact details: Sealey Group, Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk, IP32 7AR. www.sealey.co.uk					
v1				ERP Table 2	