



# INDUSTRIAL FAN HEATER 2400W

MODEL NO: FH2400

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



Warning:  
hot surface

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. 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 servicing or performing any maintenance. 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.
- ✓ Position the heater at least a minimum of 0.5m at the rear and sides, and 2m at the front, from any walls or objects.
- WARNING! DO NOT** use the heater near flammable material, liquids, solids, gases or compressed gas cylinders etc.
- ✗ **DO NOT** obstruct the air inlet and outlet sections of the heater.
- ✗ **DO NOT** cover the heater.
- ✗ **DO NOT** operate the heater when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✗ **DO NOT** touch the heater casing or grill when first switched off, as these will be very hot and will take time to cool.
- ✗ **DO NOT** use the heater for anything other than its intended purpose. It is designed to provide heat in enclosed areas larger than 4m<sup>3</sup>, such as workshops and other industrial areas. It is not suitable for drying clothes or laundry.
- ✗ **DO NOT** use this heater in the immediate surroundings of a bath, a shower or a swimming pool.
- ✗ **DO NOT** get the heater wet or use in areas of high condensation.
- ✗ **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** allow the power lead to touch the radiator surface.
- ✗ **DO NOT** attempt to repair a damaged heater, contact an authorised service agent.
- ✗ **DO NOT** stand on the heater.
- 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.
- ✗ **DO NOT** connect the heater to a timer device or other equipment than can automatically switch the heater on or off.
- ✓ Only use the heater in an upright position.
- ✓ Ensure that the heater is correctly turned off when not in use and store in a safe, dry, childproof location.
- ✓ **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:** 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.

## 2. INTRODUCTION

Portable industrial heater with two heat settings and one setting for air movement only. Tough composite case with integral carry handle. Full range ambient room thermostat maintains temperature. Fan doubles as cool air blower for use in the summer.

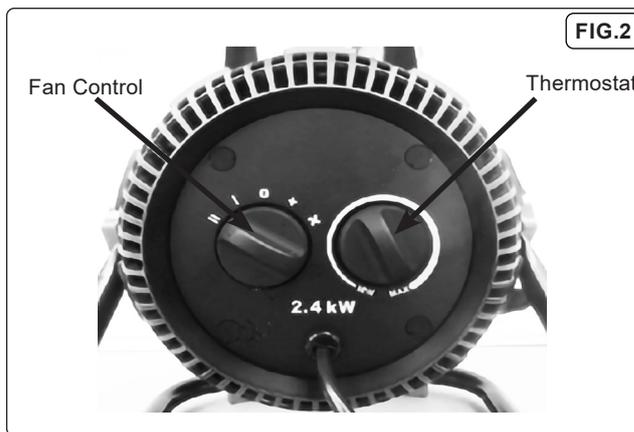
## 3. SPECIFICATION

Model No:.....FH2400  
 Electrical Class: ..... Type 2  
 Fuse Rating:..... 13A  
 Power Supply Cable Length: .....1.3m

Power:..... 0-2400W  
 Size (W x D x H): ..... 300 x 267 x 332mm  
 Supply:.....230V ~ 50Hz

## 4. OPERATION

- 4.1. 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 0.5m clearance at the rear and sides, and 2m clearance at the front.
- 4.2. Connect the heater to a suitable mains supply.
- 4.3. Set thermostat to the required temperature (max. = ~ 85°C).
- 4.4. Set the required temperature using the Fan Control dial set to either the 'I' (lower value) or 'II' (higher value) (Fig.2).
- 4.5. Once the room reaches the required temperature, turn the thermostat dial slowly counter-clockwise until the thermostat clicks, leave the dial in this position to maintain the room temperature at this setting. The heater will continue to operate until the Fan Control is turned to the OFF '0' position.
- 4.6. For fan only operation, turn the Fan Control clockwise to the fan only settings  (low) or  (high), and set the thermostat to its minimum setting (Fig.2).
- 4.7. When not in use, disconnect the heater from the mains supply. Store it in a safe, dry, childproof location.
- 4.8. To adjust fan direction, loosen the thumb wheels on the side of the support frame (fig.1) and fully tighten when the required angle is set.



## 5. MAINTENANCE

- WARNING!** Before attempting any maintenance, ensure that the unit is unplugged from the mains power supply and that it has cooled down.
- 5.1. Clean the heater with a soft dry cloth only. **DO NOT** use abrasives or solvents.
  - 5.2. Periodically check the heater grille to ensure that it is not blocked.  
 No other maintenance is necessary. If a problem with the heater is experienced, or if the power lead or plug is damaged, contact your local authorised service agent for repair. **DO NOT** dismantle or tamper with the heater, as this may be dangerous and will invalidate the warranty.



### 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.

**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): FH2400 v1- Industrial Fan Heater 2400W   |             |       |      |   |  |
|---|-------------|-------|------|---|--|
| 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   | $P_{nom}$   | 2.400 | kW   | Manual heat charge control, with integrated thermostat                                | Yes No <input checked="" type="checkbox"/> |
| Minimum heat output (indicative)*<br>* Enter figure or NA   | $P_{min}$   | 1.200 | kW   | Manual heat charge control with room and/or outdoor temperature feedback              | Yes No <input checked="" type="checkbox"/> |
| Maximum continuous heat output  | $P_{max,c}$ | 2.400 | 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  | $eI_{max}$  | NA    | kW   | Single stage heat output and no room temperature control                              | Yes No <input checked="" type="checkbox"/> |
| At minimum heat output  | $eI_{min}$  | 0     | kW   | Two or more manual stages, no room temperature control                                | Yes No <input checked="" type="checkbox"/> |
| In standby mode   | $eI_{SB}$   | 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"/> |
|   |             |       |      | 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   |  |