



INFRARED RADIANT CABINET HEATER

1.8kW/2.8kW 230V

MODEL NOS: IR2, IR4

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



Warning!
Hot surface



Warning!
Electricity



DO NOT
cover



Indoor use
only



BATTERY WARNING

KEEP OUT OF REACH OF CHILDREN

Swallowing can lead to chemical burns,
perforation of soft tissue and death.

Severe burns can occur
within 2 hours of ingestion.

Seek medical attention immediately.



1. SAFETY

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.
 - ✓ 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 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.

1.2. GENERAL SAFETY

- ✓ 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.
- ✗ 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 this heater with a programmer, timer, separate remote-control system or any other device that switches the heater on automatically, since a fire risk exists if the heater is covered or positioned incorrectly.
- ✗ **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, or fix it to the wall, as applicable
- ☐ **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.

- ❑ **WARNING!** The warnings, cautions and instructions referred to in the manual cannot cover all possible conditions and situations that may occur. It must be understood that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.
- ❑ **WARNING!** The appliance shall be disconnected from its power source during service and when replacing parts.
- ✓ Maintain the heater in good order and clean condition for best and safest performance. Replace or repair damaged parts.
- ✗ **DO NOT** cover. 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.
- ✗ **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** 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** 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** touch the lamps, even when cold.
- ✗ **DO NOT** use the heater without the wheels fitted and locked.
- ✗ **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** use if there are visible signs of damage to the heater.
- ✗ **DO NOT** cover heater when in use, and do not obstruct the air inlet and outlet grilles.

1.4. POSSIBLE BATTERY INGESTION

❑ **WARNING! NO OBVIOUS SYMPTOMS**

NOTE: Unfortunately, it is not obvious when a button or coin battery is stuck in a child's oesophagus (food pipe). There are no specific symptoms associated with this. The child might:

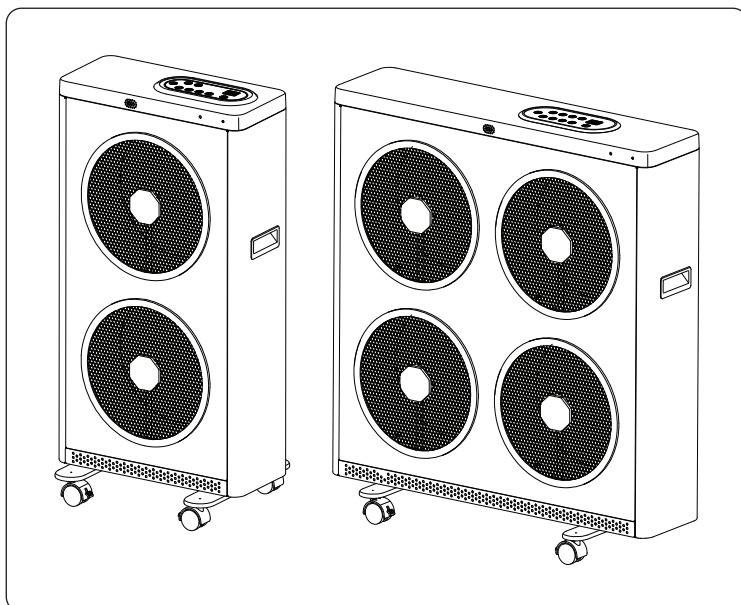
- 1.4.1. Cough, gag or drool a lot;
- 1.4.2. Appear to have a stomach upset or a virus;
- 1.4.3. Be sick;
- 1.4.4. Point to their throat or stomach;
- 1.4.5. Have a pain in their abdomen, chest or throat;
- 1.4.6. Be tired or lethargic;
- 1.4.7. Be quieter or more clingy than usual or otherwise "not themselves";
- 1.4.8. Lose their appetite or have a reduced appetite; and
- 1.4.9. Not want to eat solid food / be unable to eat solid food.
- 1.4.10. These sorts of symptoms vary or fluctuate, with the pain increasing and then subsiding.
- 1.4.11. A specific symptom to button and coin battery ingestion is vomiting fresh (bright red) blood. If the child does this seek immediate medical help.
- 1.4.12. The lack of clear symptoms is why it is important to be vigilant with "flat" or spare button or coin batteries in the home and the products that contain them.

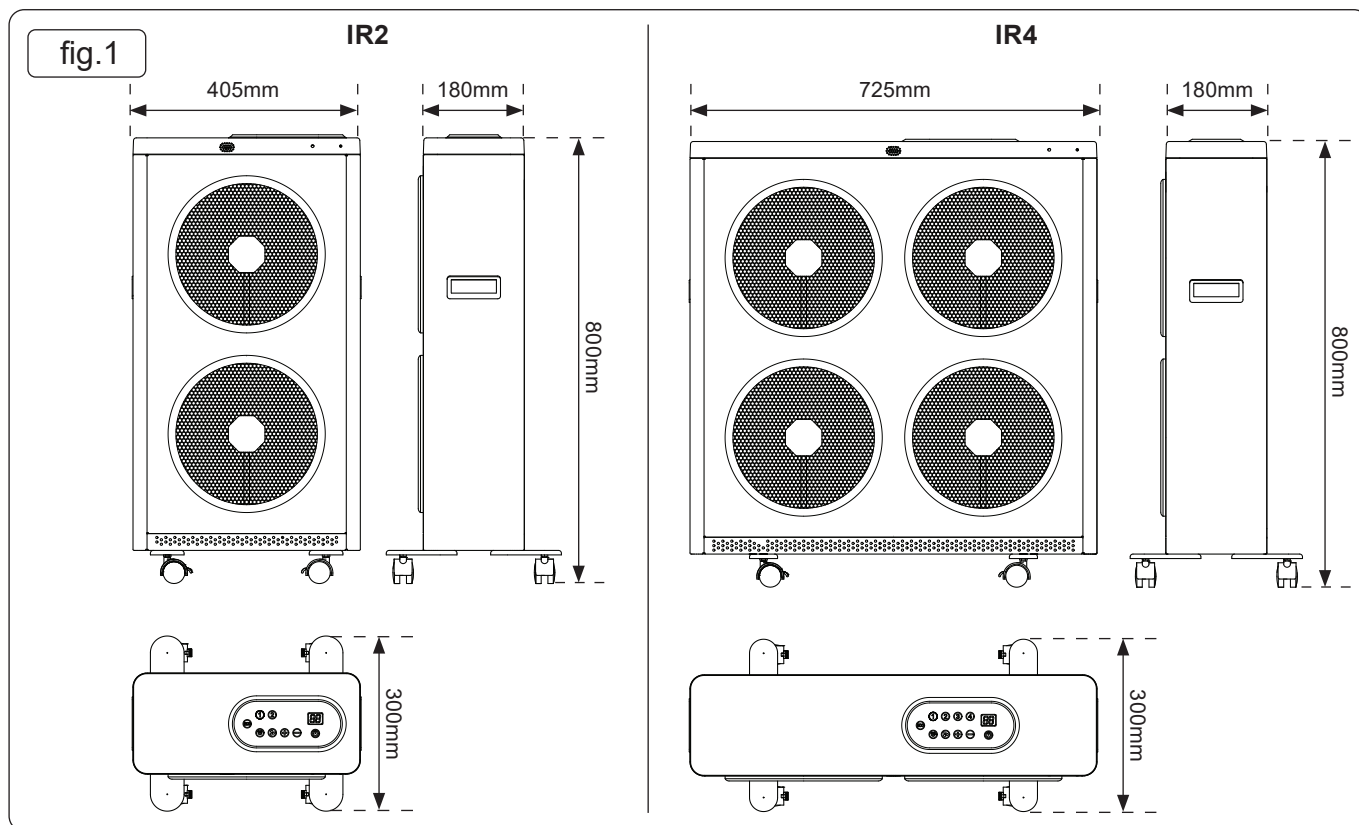
2. INTRODUCTION

Electric infrared heaters which use carbon crystal panels and chemically polished reflectors for ultra efficiency and maximum heat transfer. Features optional internal fan for increased heat displacement. Each panel can be controlled individually and features one touch Eco-mode. Soft touch control panel with clear LED display for easy heater adjustment. Thermostat can be set between 5–35°C to suit conditions with ambient temperature display. Twelve-hour timer with automatic shut off for controlled heating periods. Equipped with a tilt cut out switch and overheat protection for added safety. Supplied with a remote control for convenient heater adjustments from a distance. Fitted with easy rolling wheels with locks for stable positioning.

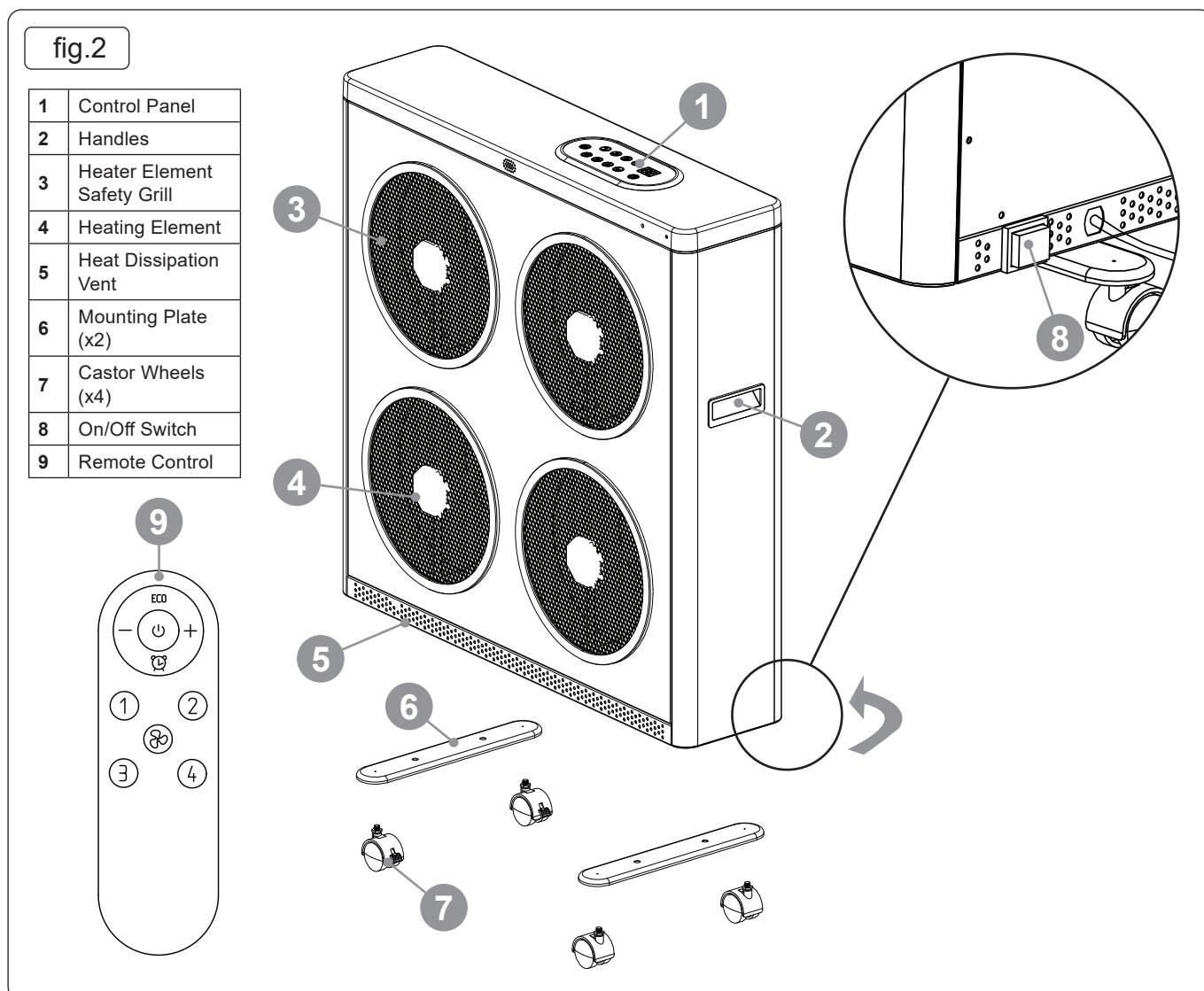
3. SPECIFICATION

Model	IR2	IR4
Power	1800W	2800W
Overall Dimensions (W x D x H)	405 x 300 x 800mm	725 x 300 x 800mm
Power Supply	230V 50Hz	230V 50Hz
Power Supply Cable Length	1.6m	1.6m
Plug Type	3-pin BS	3-pin BS
Nett Weight	8.9kg	13.8kg





4. FEATURES



5. ASSEMBLY

- 5.1. Turn the heater upside down and place onto a soft surface, in order to avoid scratching the unit.
- 5.2. Attach the wheel mounting plates to the base of the heater using the bolts provided.
- 5.3. Install the four castor wheels, two in each mounting plate.
- 5.4. After assembly, stand the heater upright, on its wheels, on a level, stable surface.

fig.3

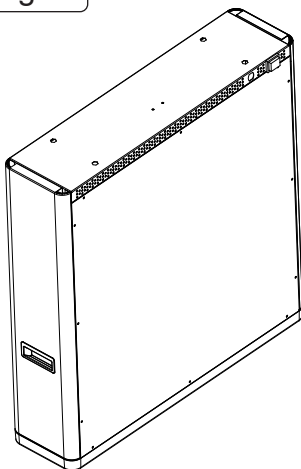


fig.4

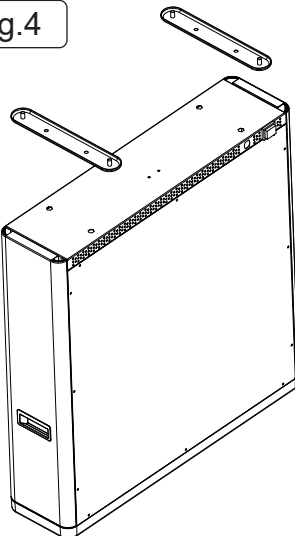
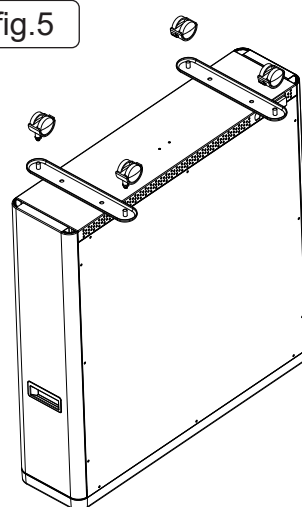


fig.5

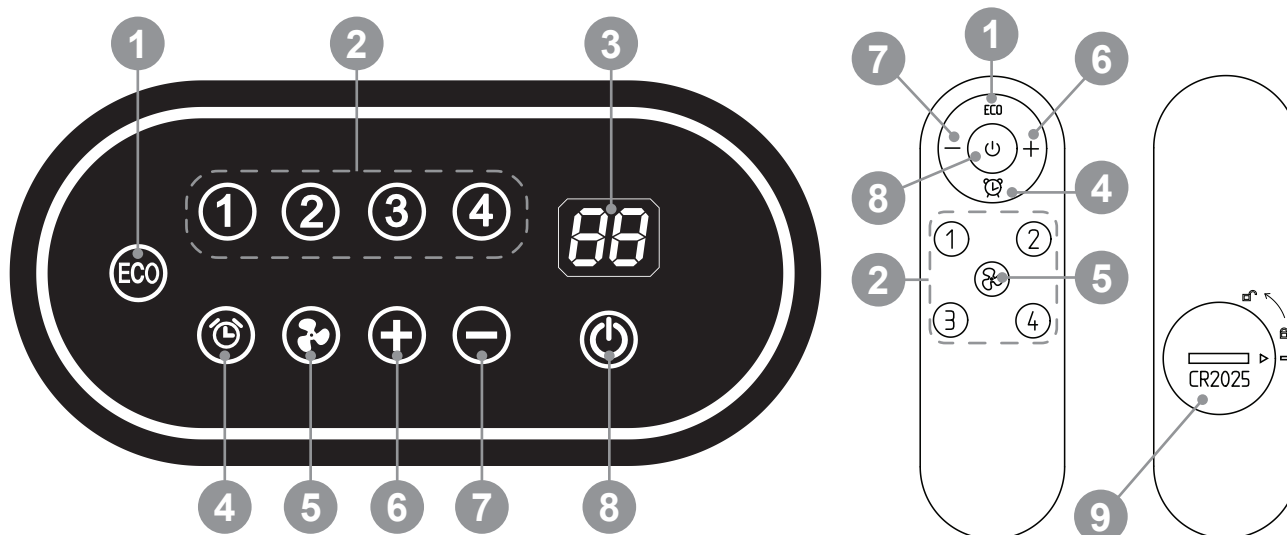


6. OPERATION

- ❑ **WARNING! DO NOT** touch the front 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. Failure to do so will cause premature wear to the lamps and reduce their working life.
- ❑ **WARNING!** This heater is not equipped with a device to control the room temperature. **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!** 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.
- ✓ The heater has a built-in tilt switch safety mechanism that switches off the unit if it is tilted beyond 35° either forwards or backwards. This prevents fire in the event of the unit being knocked over. The heater requires manual input to restart e.g. it does not restart automatically.

fig.6

1	ECO function	4	Timer	7	Decrease/- Value
2	Heat Element Select (IR2 = 2 elements)	5	Fan On/Off	8	On/Off
3	Temperature/Timer Display	6	Increase/+ Value	9	Remote Control Battery Compartment



6.1. POWER ON/OFF

- 6.1.1. Plug the heater into the mains supply and turn on the unit using the rear mounted switch (fig.2.8).
- 6.1.2. The heater will sound an audible alert and enters standby mode.
- 6.1.3. The display (fig.6.3) will show the indoor temperature.
- 6.1.4. The heater can be controlled by either the control panel (fig.2.1) or the remote control (fig.2.9).
NOTE: The maximum working distance when using the remote control is approximately 5 metres.
- 6.1.5. Switch the unit off by pressing the on/off switch and unplug from the mains. Allow the unit to cool completely before handling or storage.
NOTE: The fan may activate after the heater is switched off in order to dissipate any remaining heat and will switch off after a short period of time.

6.2. HEAT LEVEL

- 6.2.1. The required level of heat can be controlled and adjusted in two different ways:
 - 1. Use the increase/+ and decrease/- buttons (fig.6.6/6.7) to set the required temperature which will be displayed (fig.6.3). The internal thermostat will adjust and control the heater elements to maintain the chosen temperature.
 - 2. Adjust the required heat level/output by individually selecting each heating element. Use buttons 1, 2, 3 and 4 to turn each heat element on or off (fig.6.2).
- NOTE:** The IR2 has two individually selectable heat elements and the IR4 has four individually selectable heat elements.

6.3. TIMER

- 6.3.1. To set the timer, press the timer button (fig.6.4).
- 6.3.2. Adjust the length of time using the increase/+ and decrease/- buttons (fig.6.6/6.7).
- 6.3.3. The timer can be set to automatically turn off the heater from 1 hour up to 12 hours (adjustable in 1 hour increments).

6.4. ECO MODE

- 6.4.1. Press the ECO button to put the heater into an energy saving mode that decreases the power usage by 50%.
NOTE: This mode will also reduce heat output by 50%.

6.5. FAN MODE

- 6.5.1. Press the fan button (fig.6.5) to turn the fan on or off. When activated the fan aids in spreading the heat output across a larger area.

7. BATTERY REPLACEMENT

- 7.1. To replace the battery, rotate the circular cover anti-clockwise until the arrow lines up with the unlock symbol (fig.6.9).
- 7.1.1. Remove the battery cover.
- 7.1.2. Remove the battery.
 - ❑ **WARNING!** Until it can be disposed of, store the used battery in a safe place, out of reach of children and pets. Dispose of the battery by following all local environmental regulations to ensure safe and sustainable disposal.
- 7.1.3. Insert a new CR2025 battery with the positive (+) side facing upwards. Only use a CR2025 type battery.
- 7.1.4. Refit the battery cover and rotate clockwise until the arrow lines up with the lock symbol.
 - ❑ **WARNING!** If the battery compartment does not close securely, stop using the remote control and keep it away from children.

8. MAINTENANCE

- ❑ **WARNING!** Before attempting any maintenance ensure the unit is unplugged from the mains power supply, it is completely cool and on level ground.
- 8.1. If necessary, clean the outer housing with a soft, slightly damp cloth and a mild water/detergent solution. Ensure the heater is completely dry before using it again.
- ✱ **DO NOT** attempt to clean any of the heating elements. The protective grills are not removable and no attempt should be made to try to tamper with or remove them.

9. TROUBLESHOOTING

Problem	Solution
The heater has no power	1. Check power supply. 2. Check plug is firmly inserted into socket and switched on. 3. Check if the power cord is damaged. 4. Check that the on/off switch on the back of the machine is turned on.
Control panel buttons do not function	Contact Sealey service centre.
Indoor temperature not warm enough	1. Ensure all doors and windows are closed. 2. Turn off the ECO function and turn on all heating elements. 3. Excessive indoor area.
Remote control not working	1. Replace battery (see Section 7). 2. Out of operating range (approximately 5 metres). 3. Obstruction between remote control and heater infrared receiver (located at the top of the front panel).
Excessive noise	Check the unit is securely positioned on a stable, level surface and that all castor wheels have been locked.
Error code E0	1. The heater is not level and is tilting. Reposition the heater on a stable, level surface. 2. If error code still appears contact Sealey service centre.
Error code E1	Temperature sensor needs replacing: contact Sealey service centre.
Error code E2	Temperature sensor malfunction/short circuit: contact Sealey service centre.

10. END OF LIFE

At the end of its service life, this product must be disposed of in an environmentally responsible manner. Components such as metal parts should be recycled wherever possible. **DO NOT** discard the appliance with general household or construction waste. Please follow all local environmental regulations to ensure safe and sustainable disposal.



BATTERY REMOVAL

Battery removal: see Section 7. Dispose of according to local government guidelines.

Under the Waste Batteries and Accumulators Regulations 2009, Jack Sealey Ltd are required to inform potential purchasers of products containing batteries (as defined within these regulations), that they are registered with Valpak's registered compliance scheme. Jack Sealey Ltd's Batteries Producer Registration Number (BPRN) is BPRN00705.



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.



REGISTER YOUR
PURCHASE HERE

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: 24 month guarantee. Proof of which is required for any claim.

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Jack Sealey Ltd t/a Sealey Group Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk, IP32 7AR UK
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Information requirements for electric local space heaters

Model identifier(s): IR2 v1					
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat output/room temperature control (select one)	
Nominal heat output	P_{nom}	1.8	kW	Single stage heat output and no room temperature control	Yes No ✓
Minimum heat output (indicative)* * Enter figure or NA	P_{min}	1.0	kW	Two or more manual stages, no room temperature control	Yes No ✓
Maximum continuous heat output	$P_{max,c}$	1.8	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	W	Electronic room temperature control plus week timer	Yes No ✓
In standby mode	P_{sm}	0.25	W	Other control options (multiple selections possible)	
In idle mode	P_{idle}	NA	W	Room temperature control, with presence detection	Yes No ✓
In network standby	P_{nsm}	NA	W	Room temperature control, with open window detection	Yes No ✓
Stanby mode with display information or status				With distance control option	Yes No ✓
Seasonal space heating energy efficiency in active mode	$\eta_{s,on}$	87	%	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	

Information requirements for electric local space heaters

Model identifier(s): IR4 v1					
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat output/room temperature control (select one)	
Nominal heat output	P_{nom}	2.8	kW	Single stage heat output and no room temperature control	Yes No ✓
Minimum heat output (indicative)* * Enter figure or NA	P_{min}	0.8	kW	Two or more manual stages, no room temperature control	Yes No ✓
Maximum continuous heat output	$P_{max,c}$	2.8	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	W	Electronic room temperature control plus week timer	Yes No ✓
In standby mode	P_{sm}	0.27	W	Other control options (multiple selections possible)	
In idle mode	P_{idle}	NA	W	Room temperature control, with presence detection	Yes No ✓
In network standby	P_{nsm}	NA	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	$\eta_{s,on}$	87	%	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	