



1.4/2.8KW CERAMIC HEATER WITH TELESCOPIC TRIPOD STAND 230V

MODEL NO: CH30S

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



DO NOT
cover



Indoor use only



Warning!
Electricity

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.
- ✓ 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

CAUTION - Some parts of this product can become very hot and cause burns. Particular attention has to be given to where children and vulnerable children are present.

- ☐ **WARNING!** To reduce the risk of fire, keep textiles, curtains or any other flammable material a minimum distance of 2m from the air outlet.
- ☐ **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 damaged 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 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.
- ✓ Use this heater on a horizontal and stable 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** 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.
- ✗ **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** operate heater without safety guard or elements installed.
- ☐ **WARNING!** If a fuse blows, ensure it is replaced with an identical fuse type and rating.
- ☐ **WARNING!** If supply trips at consumer unit, ensure correct rating of supply and appliance. If further tripping occurs consult a qualified electrician.
- ✗ **DO NOT** use the heater with a programmer, timer or any other device that switches the heater on automatically.
- ✗ **DO NOT** touch the lamps, even when cold.
- ✗ **DO NOT** use the heater without the wheels fitted and locked.
- ✗ **DO NOT** allow children to touch or to operate the heater.
- ✗ **DO NOT** locate the heater below an electrical socket outlet.
- ✗ **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 this heater if it has been dropped.
- ✗ **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.
- ✗ **DO NOT** place heater too close to yourself or any object, allow the air to circulate freely.

- ✗ **DO NOT** touch the outlet grille of the heater during and immediately after use as it will be hot.
- ✓ 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 the use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years to less than 8 shall not plug in, regulate and clean the appliance or perform user maintenance.
- ✓ This appliance can be used by children aged from 8 years and above and persons with physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

2. INTRODUCTION

Powder coated metal construction with two ceramic heating elements providing instant heat when required. Adjustable thermostat control (15°C-45°C). Soft-touch control panel with LED display. Programmable 7-day timer function. Ideal for workshops and garages. Features chemically polished reflectors which provide maximum heat emission. Model No. CH30 fitted with sturdy frame and carry handle, Model No. CH30S supplied with adjustable height tripod. Both supplied with cable and 3-pin plug.

3. SPECIFICATION

Model noCH30S
 Max. height 1760mm
 Min. height 1500mm
 Power..... 1400/2800W
 Supply..... 230V - 13A
 Dimensions (WxDxH)..... Heater: 395 x 190 x 422mm
 Plug Type:.....3-Pin
 Power Supply Cable Length:..... 1.5m

22, 23, 24 See P/List 13 See P/List

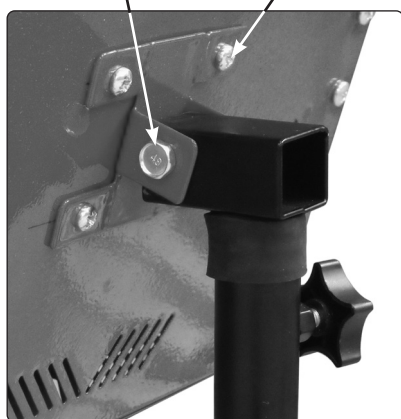


fig.2

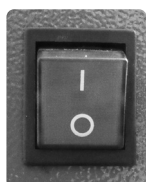
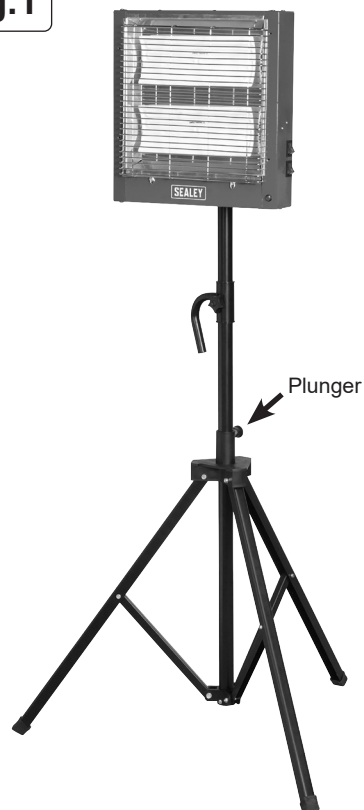


fig.3

On
Off

fig.1



4. ASSEMBLY

- 4.1. Remove contents from packaging and check against list. In the unlikely event of missing or damaged parts contact your Sealey stockist immediately.
- 4.2. Fit adaptor [item 12] to heater swivel bracket [item 14] with M8 hexagon head screw, washer and hexagon stiff nut (items 22, 23, 24 in fig.2). Torque screw to obtain grip without clamping the heater bracket totally. The heater angle can be adjusted about this fixing between constraints.
- 4.3. The tripod will be supplied assembled. Retract plunger (fig.1) and pull or push central column tube through sleeve until the plunger "clicks" into the location hole. This will be the stands maximum height setting.
- 4.4. Slide the handle down the central column and fix with the thumb screw through the M8 hole.
- 4.5. Slide adaptor c/w heater into central column to full depth and clamp with thumb screw.

5. OPERATION

- ❑ **WARNING! Ensure you read, understand and apply the safety instructions in Section 1 before using the heater.**
NOTE! The ceramic element is fragile and therefore it is important that it is not subjected to any unnecessary shocks or vibration and is not moved when it is on or until cooled down.
- 5.1. Ensure the heater is at least 2m from any object.
- 5.2. Plug in the heater and switch it on. Each element has its own switch, see fig.3.
- 5.3. When the heater is no longer required, switch off and unplug the unit.
IMPORTANT: DURING RELOCATION, THE HEATER SHOULD REMAIN SWITCHED OFF AND DISCONNECTED FROM THE POWER SUPPLY.
- ❑ **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. Failure to do so will cause premature wear to the lamps and reduce their working life.
- 5.4. The heater has a built in tilt switch safety mechanism that switches off the unit if it is tilted beyond 25° either forwards or backwards.

This prevents fire in the event of the unit being knocked over. The unit does not turn on again when returned to the vertical. It will require manual restart.

- ❑ **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.

- 5.5. Place the heater on a level floor in the area you require to heat.
- 5.6. Allow a minimum of 2m between the heater and adjacent objects.

5.7. POWER ON/OFF

- 5.7.1. Connect to mains supply and turn the unit on using the red rocker switch.
- 5.7.2. Heater is initially in standby mode and screen shows "P0".



- 5.8. Press  to start heater using the upper lamp. Screen shows "P1"



- 5.9. Press  to select mode "P0" to "P6"

P0	OFF	P4	28°C
P1	Top element only	P5	30°C
P2	24°C	P6	Both elements
P3	26°C		

- 5.10. While the lamp is working, the user can switch modes from "P1" to "P6" using the  button. The unit displays the full cascade effect when in "P6" mode.



- 5.11. To power off the unit, use the  button. The unit will revert back to showing the standby "P0" screen.

5.12. SETTING SHUTDOWN TIMER

- 5.12.1. Press  to set the shut down time. Screen initially shows 00:00.

- 5.12.2. Press  or  to set shut down time. Time increases or decreases by 1 hour per press.

- 5.12.3. When the required time is set, press . The screen will show the number of hours set i.e. "02:00" as well as current mode.
- 5.12.4. When the time is up, the heater turns off aromatically and enters the standby state P0.

5.13. OPEN WINDOW DETECTION FUNCTION

- 5.13.1. When ambient temperature drops over 5°C in 10 minutes, heater will power off automatically and sound 3 alarm beeps. Power on again by pressing



6. 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** touch the element glass, even when cold.
- * **DO NOT** use the heater with out the grills fitted.
- 6.1. To clean the reflector, remove the front grill by unscrewing the retaining screws and wipe the reflector with a clean dry cloth. **DO NOT** use abrasives or solvents. The surface of the reflector is very soft and scratches may cause it to overheat. Replace the grille.
- 6.2. To change the element remove the front grille by unscrewing the retaining screws.
- 6.2.1. Ease the sprung sockets on the ends of the element back and pull the element forward so that it clears the socket, remove element.
- ☐ **WARNING!** Never touch element glass directly with fingers, only touch the ceramic ends or use a soft cloth, to prevent damage.
- 6.2.2. Carefully insert the replacement lamp into the two push in side fittings with gentle pressure.
- 6.3. Check the element is properly located, then replace front grill.
- 6.3.1. Should the power cord require replacement, a complete wiring loom should be purchased and fitted by a suitably qualified person.
- ☐ **WARNING!** Disconnect from the mains and allow to cool before moving or attempting any cleaning or maintenance.
- 6.4. Clean the heater and guard with a damp cloth and some mild detergent.
- 6.5. To replace any of the elements, contact your authorised Sealey stockists.
- 6.6. Use a vacuum cleaner outside the grille guard to clean dust from heater elements.
- * **DO NOT** use abrasive cleaners or polishes on casing or guard.
- * **DO NOT** touch the elements unless essential to do so.
- 6.7. **BATTERY REPLACEMENT**
- 6.8. Refer to Parts Diagram. Battery is located on the lower PCB. It is recommended that this is replaced by a suitable qualified person.
- 6.9. When not in use, store the heater carefully in a safe, dry, childproof location.



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.



REGISTER YOUR PURCHASE HERE



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.

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): CH30S.V1					
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat input, for electric storage local space heaters only (select one)	
Nominal heat output	P_{nom}	2.8	kW	Manual heat charge control, with integrated thermostat	Yes No ☒
Minimum heat output (indicative)* * Enter figure or NA	P_{min}	N/A	kW	Manual heat charge control with room and/or outdoor temperature feedback	Yes No ☒
Maximum continuous heat output	$P_{max,c}$	N/A	kW	Electronic heat charge control with room and/or outdoor temperature feedback	Yes No ☒
				Fan assisted heat output	Yes No ☒
Auxiliary electricity consumption				Type of heat output/room temperature control (select one)	
At nominal heat output	eI_{max}	2.570	kW	Single stage heat output and no room temperature control	Yes No ☒
At minimum heat output	eI_{min}	N/A	kW	Two or more manual stages, no room temperature control	Yes No ☒
In standby mode	eI_{SB}	0.00	kW	With mechanic thermostat room temperature control	Yes No ☒
				With electronic room temperature control	Yes No ☒
				Electronic room temperature control plus day timer	Yes No ☒
				Electronic room temperature control plus week timer	Yes ☒ No
			Other control options (multiple selections possible)		
				Room temperature control, with presence detection	Yes No ☒
				Room temperature control, with open window detection	Yes ☒ No
				With distance control option	Yes No ☒
				With adaptive start control	Yes No ☒
				With working time limitation	Yes ☒ No
				With black bulb sensor	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	