

EN

Original Instructions
Version 2
May 2024

DRAPER[®]

2kW PTC

ELECTRIC SPACE HEATER

06729



**UK
RA** **CE**

These are the original product instructions. This document is part of the product; retain it for the life of the product, passing it on to subsequent holders. Read this manual in full before attempting to assemble, operate or maintain this product.

This Draper Tools manual describes the purpose of the product and contains all the necessary information to ensure its correct and safe use. Following all the instructions and guidance in this manual will ensure the safety of both the product and the operator and increase the lifespan of the product.

All photographs and drawings within this manual are supplied by Draper Tools to help illustrate correct operation of the product.

Every effort has been made to ensure the information contained in this manual is accurate. However, Draper Tools reserves the right to amend this document without prior warning. Always use the latest version of the product manual.

1.1 Product Reference

User Manual for: 2kW PTC Electric Space Heater

Stock No: 06729

Part No: ESH2000PTC/A

1.2 Revisions

Version 1: July 2021

First release

Version 2: May 2024

As our manuals are continually updated, always ensure that the latest version is used.

Please visit drapertools.com/manuals for the latest version of this manual and the associated parts list, if applicable.

1.3 Understanding the Safety Content of This Manual



WARNING! – Situations or actions that may result in personal injury or death.



CAUTION! – Situations or actions that may result in damage to the product or surroundings.

Important: – Information or instructions of particular importance.

1.4 Copyright © Notice

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In all cases, this copyright notice must remain intact.

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3. Product Introduction

3.1 Intended Use

This heater is intended to raise the ambient temperature in garages and workshop environments and is suitable for domestic and light commercial use only.

Any other application beyond the conditions established for use will be considered misuse. Draper Tools accepts no responsibility for improper use of this product.

Part of our core range, this product is suitable for enthusiasts and tradespersons alike.

Read this manual in full before attempting to assemble, operate or maintain the product and retain it for later use.

3.2 Specification

Stock No.	06729
Part No.	ESH2000PTC/A
Rated voltage:	220~240V
Rated input:	2,000W
Rated frequency:	50Hz
Rated voltage:	9A
Fuse: 13A	13A
Position settings:	
Off:	0W
Half power:	1,100W
Full power:	2,030W
Dimensions:	W 185 x D 170 X H 240mm
Weight	1.5kg

Important: Read all the Health and Safety instructions before attempting to operate, maintain or repair this product. Failure to follow these instructions may result in injury or damage to the user or the product.

4.1 General Health and Safety Precautions for this Heater

- Observe all standard safety precautions and good practices when working with electrical equipment.
- Take extra care when using this product around children.
- This appliance is not suitable for use by children and may not be used by persons with reduced physical, sensory or mental capabilities, or lack of experience or knowledge unless they are supervised or trained in the correct use of the device and fully understand the hazards involved.
 - **DO NOT** allow children to play with the appliance.
 - Cleaning and maintenance **MUST** be carried out by or under the supervision of experienced and knowledgeable persons.
- Keep your work environment clear and well-lit, with bystanders at a safe distance.
- Before every use, inspect the heater for broken, cracked, loose or corroded parts.
- **Important: DO NOT** use this product if it is damaged in any way. Contact Draper Tools to discuss repair and replacement options.
- Use the product only in the manner instructed in this manual and **DO NOT** modify it in any way.
- This heater is for indoor use **ONLY**.
- **DO NOT** use this heater in small rooms that are occupied by individuals that are not capable of leaving the room on their own, unless constant supervision is provided.
- **DO NOT** use the heater in dusty environments.
- Position the heater on a firm and level surface during use and ensure that the adjustable screw is tightly secured.
- The heater must **ONLY** be used in its upright position.
- Position this product **ONLY** on fire-resistant flooring.
- **DO NOT** position the heater near curtains or other combustible materials that may move and come into contact with the heater.
- Allow a minimum of 2m clearance between the heater outlet grille and any nearby objects.
- **DO NOT** position this heater in the vicinity of combustible materials, in explosive environments or in the presence of flammable or combustible gases and vapours.
- **DO NOT** position this heater below or pointing towards a power socket or outlet.
- Ensure that the power switch in the '**OFF**' position before connecting the heater to the power supply.
- **ONLY** use this product with a power supply that match the rated voltage of the heater.
 - **NEVER** use this heater with an extension lead, multi-socket or plug adaptor; it must be plugged directly into the power supply.
 - **NEVER** plug more than one heater into the same power outlet.
- **NEVER** abuse the power cord.
 - Unwind the power cord fully before connecting it to the power supply.
 - **NEVER** remove the plug from the power supply by pulling on the cord.
 - **DO NOT** carry the product by the cord or plug.
 - Keep the power cord away from sources of heat, liquids, sharp edges and moving parts.
 - The power cord attached to this product is not suitable for use on building sites.
- **NEVER** leave the heater unattended while it is on.
- Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.
- **DO NOT** use this heater with a programmer, timer, separate remote-control system or any other device that switches the heater on automatically, as it may be covered or positioned incorrectly when activated and pose a fire risk.
- **NEVER** cover any part of the heater as this may cause the heater to overheat or the covering item to ignite or burn.
- **NEVER** insert foreign objects through the grilles.
- **DO NOT** operate the heater without both grilles installed.



WARNING! Risk of shock!

- **DO NOT** allow the heater to come into contact with water or any other liquid.

- **DO NOT** use this heater in the vicinity of a bath, shower, swimming pool or other body of water.
- **DO NOT** touch the heater with wet hands.



WARNING! Some parts of the product become very hot during use and may cause burns.

- **DO NOT** touch the metal grille on the front or rear of the heater during or immediately after use.
- **ALWAYS** use the handle when adjusting the position of the heater during and immediately after use.
- **ALWAYS** switch off the heater, disconnect it from the power supply and allow it to cool for at least 20 minutes before attempting to move or reposition it.
- Particular attention **MUST** be given when children and vulnerable people are present.

4.2 Connection to the Power Supply

This appliance is supplied with an approved plug and cord for your safety. The value of the fuse fitted is marked on the pin face of the plug. Should the fuse need replacing, ensure the substitute is of the correct rating, approved to BS 1363/A and ASTA or BS Kite marked.

ASTA

BSI

The fuse can be replaced by removing the cover of the plug using a cross-headed screwdriver and removing the broken fuse from its holder. This should only be performed by suitably qualified personnel.

If the power supply cord is damaged, it must be replaced by Draper Tools, an authorised service agent or similarly qualified personnel in order to avoid a hazard.

The damaged or incomplete plug, when cut from the cord, shall be disabled to prevent connection to a live electrical outlet.

This product is Class I† and is designed for connection to a power supply matching that detailed on the rating label and compatible with the plug fitted.

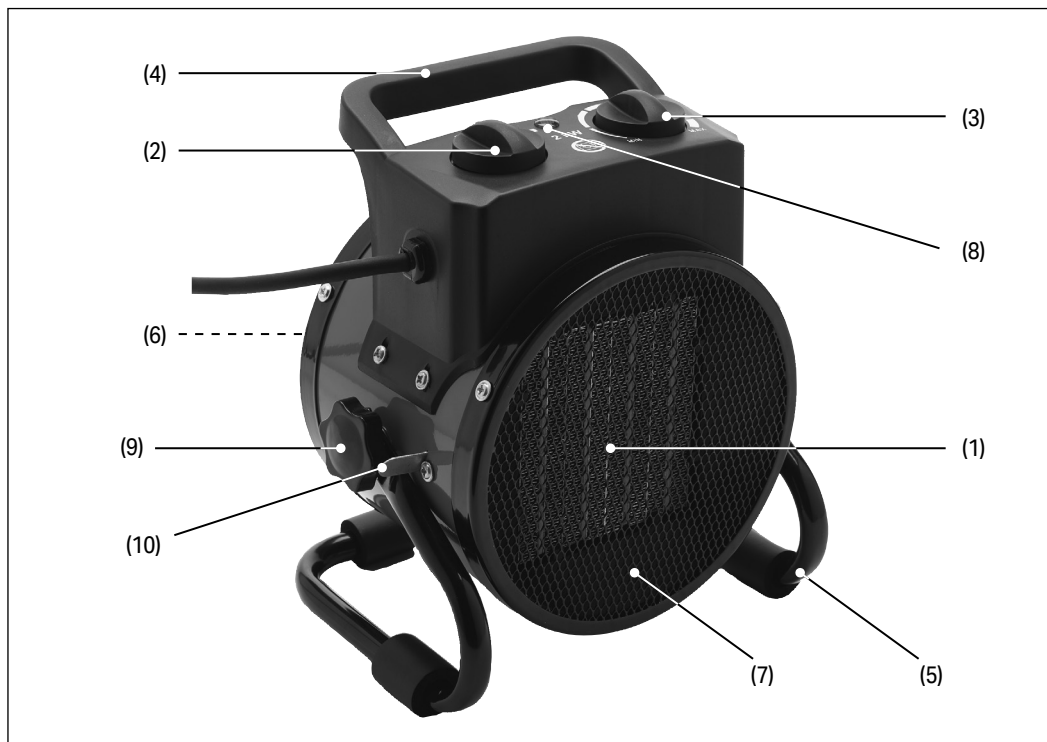


CAUTION! DO NOT use this product with an extension lead or multi-socket.

†Earthed: This product requires an earth connection to protect against electric shock from accessible conductive parts in the event of a failure of the basic insulation.

5.1 Product Overview

Carefully remove the product from the packaging and examine it for any signs of damage that may have occurred during shipment.



- | | |
|----------------------------|------------------------------|
| 1. Heater element | 6. Inlet grille |
| 2. Operation control dial | 7. Outlet grille |
| 3. Thermostat control dial | 8. Power LED light |
| 4. Transport handle | 9. Position adjustment screw |
| 5. Stand | 10. Safety tab |

5.2 Packaging

Keep the product packaging for the duration of the warranty period for reference should the product need to be returned for repair.

WARNING! Keep packaging materials out of reach of children. Dispose of packaging correctly and responsibly and in accordance with local regulations.

Please visit drapertools.com for our full range of accessories and consumables.

6. Operating Instructions

Important: Before use, read and understand all the safety instructions listed in this manual. **Note:** The heater may emit an odour during first use. This is normal and will pass shortly after switching on.

⚠ WARNING! DO NOT leave the heater unattended while it is connected to the power supply or switched on.

6.1 Positioning the Heater

1. Position the fan so that it stands upright unaided on a firm, level and fire-resistant surface. Ensure the heater is located a safe distance away from flammable objects and wet environments.

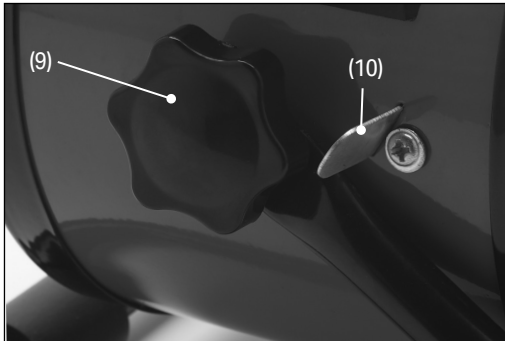


Fig. 1

2. Set the angle of the heater by loosening the position adjustment screws (9), tilting the heater as required and then tightening the screws to secure it.

Important: ALWAYS ensure that the position adjustment screw is tightly secured before switching on the heater.

3. Ensure that the operation control dial (2) is set to the 'OFF' position (○) and the thermostat control dial (9) is set to the lowest position, then connect the plug directly to a power outlet.

⚠ WARNING! DO NOT attempt to adjust the angle of the heater during or immediately after use. ALWAYS switch off the heater, disconnect the power supply and allow it to cool before loosening the position adjustment screw.

Safety Tab

- The heater is equipped with a safety tab (10) to prevent the heater from being directed towards the ground.

Important: DO NOT remove or bend the safety tab under any circumstances. **DO NOT** use the heater if the safety tab has been compromised in any way and contact Draper Tools for support.

6.2 The Operation Control Dial



Fig. 2

The operation control dial (2) has three operating positions:

Position	Function
○	Off (Unplug when not in use)
☼ ◻	Half Power
☼ ◼	Full Power

NOTE: When the operation control dial is set to the 'OFF' position (○), it will not operate, even if the power LED (8) is lit.

6.3 The Thermostat Control Dial



Fig. 3

The thermostat control dial (3) can be used to set the desired room temperature. The heater will then maintain the chosen temperature automatically.

1. Plug in the heater, turn the operation control dial (2) to the desired position.
2. Turn the thermostat control dial to the maximum position. The power LED (8) will come on when the heater element begins to heat up.
3. Once the desired temperature is reached, turn the thermostat control dial anticlockwise until it "clicks" and the power LED goes out.
4. The heater will automatically switch on and begin heating when the room temperature drops below the current setting.

6.4 Thermal Cut-Out

The heater is equipped with a safety device that cuts the power if the heater overheats. When this occurs, the heater must be switched off, disconnected from the power supply and left to cool for at least ten minutes.

Important: If overheating causes the heater to switch off automatically, the cause of overheating **MUST** be rectified before the heater is used again. Overheating may be caused by the inlet (6) or outlet (7) grilles being covered or the heater being positioned too close to a wall or other object.

Important: Read all the Health and Safety information in this manual before attempting to maintain this product. All maintenance should be carried out **ONLY** by authorised and suitably qualified personnel.

⚠ WARNING! ALWAYS ensure that the heater is switched off, disconnected from the power supply and has fully cooled before attempting to maintain this product.

7.1 General Maintenance and Storage

- Keep the heater clean and dry.
 - Clean the heater body using a dry cloth **ONLY**.
 - Clean the heater grilles using a dry cloth or brush, ensuring that all dust and debris is collected and removed from the heater.
- Any maintenance to the plug and cord **MUST** be carried out by suitably qualified personnel.
- Any repairs to the heater must be carried out by suitably qualified personnel.
- The heater should be inspected at least once a year by suitably qualified personnel.
- Store the heater in its original packaging, in a clean and dry location, out of reach of children.

7.2 Troubleshooting

Problem	Possible cause	Remedy
The heater does not operate when switched on.	The power supply is not active.	Ensure that the power supply to which the heater is connected is switched on.
	The plug or cable connection is loose or damaged.	Remove the plug from the power supply and check it for damage or loose parts.
The heating element is glowing.	The input voltage is incorrect.	Disconnect the heater IMMEDIATELY and allow it to cool before reconnecting to a power supply matching the rating plate on the product.
	The input grille is blocked.	Disconnect the heater and check that the input grille is not obstructed by external objects. Allow the heater to cool, then clean the grille with a brush or dry cloth.
The heater does not emit any heat.	The ambient temperature is too high.	Increase the thermostat control setting or move the heater to a cooler environment.
	The thermostat is damaged.	Check that the power LED illuminates when the thermostat control dial is turned to its maximum position. Contact Draper Tools to discuss repair and replacement options.
	The thermal cut-out has been activated.	Switch off the heater, disconnect it from the power supply and allow it to cool for at least ten minutes. Check for and clear any blockages and obstructions. Reconnect the power and switch on the heater.
The heater emits an unusual noise.	The fan is obstructed.	Switch off the heater, disconnect the power supply and allow it to cool. Look through the inlet grille to check for any obstructions. Clean both grilles thoroughly. Contact Draper Tools for support.
	The heater is not level.	Ensure that the heater is positioned on a flat and level surface.

For servicing, repair and replacement options, please contact the Draper Tools Product Helpline for details of your nearest authorised agent. Any servicing or repairs carried out by unauthorised personnel will invalidate your warranty.

At the end of its working life, dispose of the product responsibly and in line with local regulations. Recycle where possible.

DO NOT dispose of this product with domestic waste; most local authorities provide appropriate recycling facilities.



9. Warranty

Draper Tools products are carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship.

Should the tool develop a fault, return the complete tool to your nearest distributor or contact Draper Tools directly. Contact information can be found at the back of this manual.

Proof of purchase must be provided.

If, upon inspection, it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This warranty period covers parts and labour for 12 months from the date of purchase. Where tools have been hired out, the warranty period covers 90 days from the date of purchase.

This warranty does not apply to any consumable parts, batteries or normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accidents, or repairs attempted or made by any personnel other than the authorised Draper Tools repair agent.

In all cases, to make a claim for faulty workmanship or materials within the standard warranty period, please contact or return the product to the place of purchase. Proof of purchase may be required.

If the place of purchase is no longer trading or if you experience any difficulties with your warranty, please contact Customer Services with the product details and your proof of purchase. Contact details can be found at the back of this manual.

If the tool is not covered by the terms of this warranty, repairs and carriage charges will be quoted and charged accordingly.

This warranty supersedes any other guarantees expressed or implied and variations of its terms are not authorised.

Your Draper Tools guarantee is not effective until you can produce, upon request, a dated receipt or invoice to verify your purchase within the guarantee period.

Please note that this warranty is an additional benefit and does not affect your statutory rights.

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10. Explanation of Symbols



Read the instruction manual



Keep out of the reach of children



Rated voltage



Rated input (example)



Rated heat output (example)



DO NOT cover



WARNING!/CAUTION



WARNING! Heated surfaces



WARNING! Risk of shock



For indoor use only;
DO NOT expose to rain



Earthed



WEEE – Waste Electrical & Electronic Equipment

Do not dispose of Waste Electrical & Electronic Equipment in with domestic rubbish



UK Conformity Assessed



European conformity

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