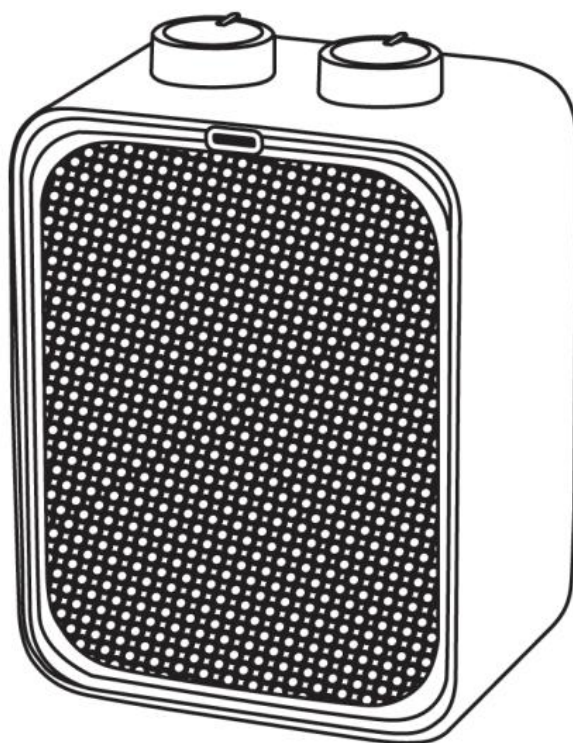


Instruction Manual

Wessex 2kW PTC Heater (Domestic Use Only)

SKU: AI777

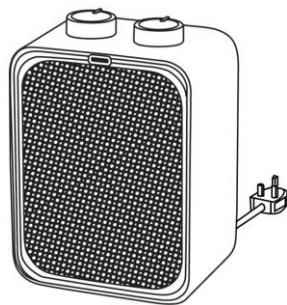


READ BEFORE USE
PLEASE KEEP THESE INSTRUCTIONS FOR FURTHER REFERENCE

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WHAT'S IN THE BOX



PTC heater x 1



User instruction manual x 1

If you do not have all these items, please contact:

- www.toolstation.com/contact
- Telephone 0808 100 7211
- Mobile friendly 0330 333 3303
- Email info@toolstation.com

TOOLS REQUIRED

- None

SPECIFICATIONS

- 220-240V~ 50-60Hz
- Ventilation mode
- 2 Heat settings – 1200W / 2000W
- Adjustable thermostat control
- Tip-over switch
- Overheat protection
- With power indicator light

TECHNICAL DATA

SKU / Model	AI777 / PTC-2006B-T
Rated Voltage	220-240V~ 50-60Hz
Rated Power	High 2000W, Low 1200W
Plug Type	BS1363 plug
Power Cord Length	1800mm
Power Cord Specification	2x0.75mm ² H05VV-F
Protection Class	Class II
Recommended Heating Area	≤25 m ²
Dimension (H x W x D) approx.	200 x 146 x 95mm
Net weight approx.	840g

EXPLANATIONS AND SYMBOLS, CAUTIONS AND WARNINGS



This symbol located on the device indicates that it is prohibited to place objects (such as towels, clothes etc.) above or directly in front of the device. To avoid overheating and fire hazards, the device must not be covered.



This symbol located on the device indicates that its surfaces are hot during and immediately after operation. Hot surfaces should not be touched: danger of burns.



This warning symbol indicates a hazard with an average risk level which, if not avoided, could result in serious injury or damage or death.



The product complies with the applicable European Directives and an evaluation method of conformity for these Directives was done.



UK Conformity Assessed



Protection Class II. Double insulation



WEEE symbol. Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.

IMPORTANT SAFETY WARNINGS

Read this manual carefully before using or installing the device.

Always store the manual in the immediate vicinity of the device or its site of use.

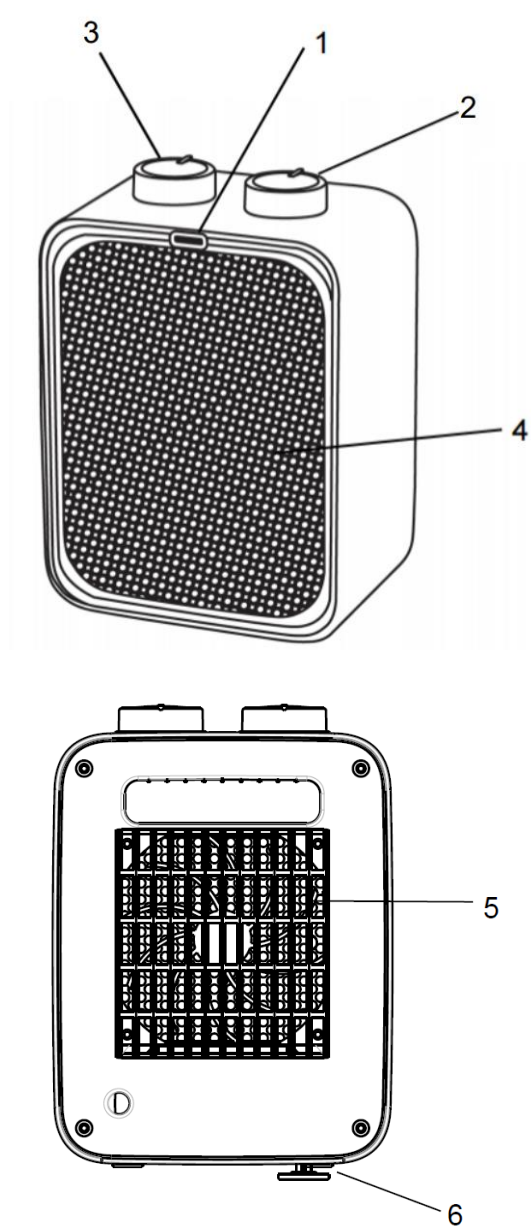
Read all safety warnings and all instructions.

-  **Warning:** To avoid the risk of electrical shock, fire or injury to people, always make sure the appliance is unplugged from the electrical outlet or disconnected from power supply before relocating, servicing, or cleaning it.
-  **Warning:** To reduce the risk of fire, always place the heater on a hard, level, non-flammable surface (e.g., tile, stone, wood). Do not place on carpets, rugs, or any surface that may obstruct the air intake.
-  **Certain components of this product may reach high temperatures and cause burns. Do not touch the surface when in operation. Do not install close to curtains or other combustible materials. Particular attention should be given where children and vulnerable adults are present.**
-  The device carries the warning symbol indicating that it must not be covered. Never cover the device. Covering the device risks overheating and fire.
- **DO NOT** use the device in the immediate surroundings of a bath, a shower or a swimming pool.
- **DO NOT** use if there are visible signs of damage to the device.
- **DO NOT** use the device if it has been dropped or loose parts are present.
- **DO NOT** use the device with wet or damp hands.
- **DO NOT** insert any object through the heat outlet or air intake grilles of the device. Keep combustible materials such as drapes and other furnishings clear from the front, sides and rear of the device. **DO NOT** use the device to dry your laundry.
- **DO NOT** operate the device with the power cord overhanging the front outlet grille. Keep the power cord away from the hot body of the device.
- **WARNING:** If the plug is cut from the power cord, exposing the conductors, inserting it into a socket is dangerous.
- **WARNING:** Ensure air inlet and outlet grilles remain completely unobstructed at all times.
- **DO NOT** share the socket with other appliances: risk of fire due to excessive load.

- **IMPORTANT:** If the power cord of this appliance is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Keep the power cord away from all hot parts of the device.
- **DO NOT** use the device with the power cord wound up. This can cause a dangerous build-up of heat. **DO NOT** wind the cable around the appliance as this may cause weakening and splitting of the insulation. The power cord should be fully unwound and removed from any storage areas before use.
- **DO NOT** position the device in front of, or immediately below a socket-outlet.
- The plug is fitted with a 13 Amp fuse. When replacing, use only a fuse approved to BS1362 and carrying the relevant approval mark. Never use the plug with the fuse omitted.
- Suitable for indoor use only.
- This product is only suitable for use in living areas (not for areas constantly subject to moisture).
- **IMPORTANT:** Always switch off at the socket and remove the plug of the device from the power supply when not in use.
- Always unplug the device from power supply when moving it from one location to another.
- **DO NOT** cover or obstruct any of the grilles or the air intake openings of the device.
- Always ensure that the device is placed on a firm level surface.
- The device must only be installed in an upright position on a smooth, stable, heat-resistant surface.
- **DO NOT** sit on the device or put anything on the heater.
- Make sure the minimum safety distances from walls and objects stated in the installation instructions are observed at all times. This is very important to prevent damage to walls, furniture and soft furnishings and to prevent the product overheating.
- Ensure that the device is not positioned close to curtains or furniture as this could create a fire hazard.
- **WARNING:** To reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1 m from the air outlet.
- **DO NOT** use the device in areas where flammable liquids are stored or where flammable fumes may be present.
- **DO NOT** run power cord under carpeting and **DO NOT** cover power cord with throw rugs, runners and the like. Arrange power cord away from traffic area and where it will not be tripped over.

- **DO NOT** operate with a damaged power cord or plug, or after the device malfunctions, has been dropped, or damaged in any manner.
- **DO NOT** use an extension cord as this may overheat and cause a risk of fire.
- In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is switched on and off remotely.
- **WARNING:** Do not use this device in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.
- **WARNING:** Some parts of this product can become very hot and cause burns. Extreme caution is required when children or vulnerable persons are present.
- The appliance is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they **DO NOT** play with the appliance.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children should not play with the appliance. Cleaning and user maintenance should not be performed 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 should 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 should not plug in, regulate and clean the appliance or perform user maintenance.

PRODUCT DESCRIPTION AND IDENTIFICATIONS



1. Power Indicator Light
2. Adjustable Thermostat Control Knob
3. Heat Setting Knob
4. Front Safety Grille (Air Outlet)
5. Rear Air Inlet
6. Base with Tip-over Switch

ASSEMBLY AND OPERATING INSTRUCTIONS

BEFORE USE

1. Unpack the heater on a firm, level surface.
2. Inspect for any signs of transport damage. Do not use if damaged.
3. Remove all packaging materials.
4. Ensure the power cord is in good condition.
5. Verify that your mains power supply is 220-240V AC and the socket is properly grounded and rated for the heater's current consumption ($\geq 10A$).

OPERATION

- **Placement**

Position the heater on a flat, stable, level surface maintaining a minimum clearance of 1 metre from walls, furniture and combustible materials. An uneven surface may affect the tip-over switch

- **Power On and Set Thermostat**

Insert the plug into a suitable wall socket, then turn the adjustable thermostat control knob clockwise until you hear a "click" sound, indicating that the thermostat is activated. Continue rotating the knob clockwise to set a higher target room temperature.

NOTE: The heater will not start heating unless the adjustable thermostat control knob is activated.

- **Select Heat Mode**

Turn the heat setting knob to choose between three functions: Fan (ventilation only), level I (1200W) and level II (2000W). The power indicator light will illuminate when heating is active. The heater will automatically cycle on and off to maintain the temperature set by the thermostat.

- **To Turn Off**

- A. Turn the heat setting knob to the OFF position.
- B. Turn the adjustable thermostat control knob fully counter-clockwise to the minimum position.
- C. For storage, unplug the power cord and store the heater once the entire unit has completely cooled down.

- **Safety Protection Features**

Overheat Protection: The heater is equipped with an internal safety cut-out that automatically deactivates the unit in the event of overheating due to blocked air vents or abnormal conditions. Unplug the heater, allow it to cool completely, clear any obstructions, and ensure it is in a well-ventilated location before reusing.

Tip-Over Protection: If the heater is knocked over, the internal tip-over switch will automatically cut power. The heater will resume operation once placed upright on a level surface.

CARE AND CLEANING

CAUTION: Always unplug the heater and allow it to cool completely before cleaning.

- Gently wipe the exterior housing using only a soft, lint-free cloth.
- **DO NOT** use abrasive cleaners, solvents, or detergents.
- **DO NOT** immerse any part of the heater in water or other liquids.
- To maintain efficiency and prevent fire hazards, regularly check and vacuum the air inlet (rear) and outlet (front) grilles to remove dust and lint buildup.
- When not in use for extended periods, store the heater in a cool, dry place, protected from dust. Coil the power cord loosely for storage.

TROUBLESHOOTING

This section helps resolve common issues.

PROBLEM	POSSIBLE CAUSES	SOLUTIONS
Heater does not turn on.	Not plugged in / Power failure.	Ensure the plug is firmly inserted into a live socket.
	Thermostat not activated.	Turn the adjustable thermostat control knob clockwise past the click.
	Tip-over switch activated.	Ensure the heater is standing upright on a level surface.
Heater stops heating during use.	Desired room temperature reached.	This is normal. The thermostat will cycle the heater to maintain temperature.
	Overheat protection triggered.	Turn off and unplug. Let cool. Check and clear air vents of obstructions.
	Faulty component.	Contact Toolstation Customer Support.
Heater operates only on Fan mode, no heat.	Heat setting on FAN only.	Turn heat setting knob to level I or II.
Low heating output.	Dust buildup on internal elements.	Turn off, unplug, cool and vacuum air vents thoroughly.
	Room size too large or very cold.	Ensure room size is within recommended area ($\leq 25 \text{ m}^2$) and use level II (2000W).

NOTE: IF YOU EXPERIENCE A PROBLEM WITH YOUR APPLIANCE, PLEASE DO NOT ATTEMPT TO OPEN OR REPAIR THE APPLIANCE YOURSELF. DOING SO MAY VOID THE WARRANTY AND COULD CAUSE DAMAGE OR PERSONAL INJURY. IF THE PROBLEM STILL PERSISTS, PLEASE CONTACT US BY REFERRING TO THE SERVICE & SUPPORT INFORMATION ON THE FOLLOWING PAGE.

DECLARATION OF CONFORMITY / PERFORMANCE



1. **Product Models:** AI777 (PTC-2006B-T)
2. **Product Description:** Wessex 2kW PTC Heater
3. **Name and Address of the Manufacturer (or its authorised representative in the UK):** Toolstation - company number 04372131.
4. This declaration of conformity is issued under the sole responsibility of Toolstation.
5. The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:
 - Low Voltage Directive - 2014/35/EU (The Electrical Equipment (Safety) Regulations 2016 - SI 2016/1101)
 - Electromagnetic Compatibility - Directive 2014/30/EU (The Electromagnetic Compatibility Regulations 2016 - SI 2016/1091)
 - Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) - Directive 2011/65/EU (The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 - SI 2012/3032)
 - Ecodesign Directive - COMMISSION REGULATION (EU) 2024/1103 (The Ecodesign for Energy-Related Products Regulations 2010 - SI 2010/2617)
6. References to the relevant standards used or references to the specifications in relation to which conformity is declared:

EN 60335-1
EN 60335-2-30
EN 62233
EN IEC 55014-1
EN IEC 55014-2
EN IEC 61000-3-2
EN 61000-3-3

Signed for and on behalf of Toolstation - company number 04372131.

ENVIRONMENTAL INFORMATION



The symbol on the product or its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste for recycling, please contact your local authority, or where you purchased your product.

ENERGY USE INFORMATION

Model(s)		SKU:AI777 (Model: PTC-2006B-T)			
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat output / room temperature control	
Nominal heat output	P _{nom}	2.000	kW	Single stage heat output and no room temperature control	No
Minimum heat output (indicative)	P _{min}	1.200	kW	Two or more manual stages, no room temperature control	No
Maximum continuous heat output	P _{max,c}	2.000	kW	With mechanical thermostat room temperature control	Yes
Power consumption				With electronic room temperature control	No
In off mode	P _o	0.28	W	Electronic room temperature control plus day timer	No
In standby mode	P _{sm}	N/A	W	Electronic room temperature control plus week timer	No
In idle mode	P _{idle}	0.28	W	Other control options (multiple selections possible)	
In network standby	P _{ns}	N/A	W	Room temperature control, with presence detection	No
Standby mode with display of information or status			No	Room temperature control, with open window detection	No
Seasonal space heating energy Efficiency in active mode	η _{s, on}	85.0	%	Distance control option	No
				Adaptive start control	No
				Working time limitation	No
				Black bulb sensor	No
				Self-learning functionality	No
				Control accuracy	No
This heater is only suitable for well insulated spaces or occasional use.					
Toolstation Limited (company number 04372131)					

WARRANTY

Toolstation products deliver reliable service for normal, household use in domestic settings. All Toolstation products are individually tested before leaving the factory.

Your product is under warranty for 1 year from the date of purchase or the date of delivery of the product, if later.

The warranty is subject to the following provisions:

- The warranty does not cover accidental damage, misuse, parts, knobs, or consumable items.
- The product must be correctly installed and operated in accordance with the instructions contained in this manual.
- It must be used solely for domestic purpose.
- The warranty will be rendered invalid if the product is re-sold or has been damaged by inexperienced repair.
- Specifications are subject to change without notice.
- The manufacturer disclaims any liability for incidental or consequential damages.
- The warranty is in addition to, and does not diminish your statutory or legal rights.

CUSTOMER SUPPORT

www.toolstation.com/contact
Call us 0808 100 7211
Mobile friendly 0330 333 3303
Email: info@toolstation.com

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