

BUSH

Instruction manual

2kW Ceramic Fan Heater

Model number NT20-25ADE



**This product is only suitable for well insulated spaces or occasional use.
Please read the instructions fully before use.**

BUSH



Safety information important

please read the instructions fully before operating.

For household and indoor use only.

- This appliance must be used for its intended purpose only and operated as instructed in this user manual.
- Use only the voltage specified on the rating plate of the heater.
WARNING: in order to avoid overheating do not cover the heater.
WARNING: To reduce the risk of fire, keep textiles, curtains, or other flammable materials at least 1 m away from the air outlet.
- Only use this heater on a horizontal and stable surface.
- Do not place the heater immediately below a socket outlet.
- Do not use this appliance 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.
- To avoid risk of overloading your plug socket, the use of an extension lead with this heater is not recommended.
- Important- this heater is intended for floor use only. Do not mount on ceiling's or walls.
- Do not use this heater in the immediate surrounding of a bath, a shower or a swimming pool.
- Do not leave the appliance unattended.
WARNING: Do not use this heater in small rooms, when they are occupied by people unable to leave the room alone, unless constant supervision is provided.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by the person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Children 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.

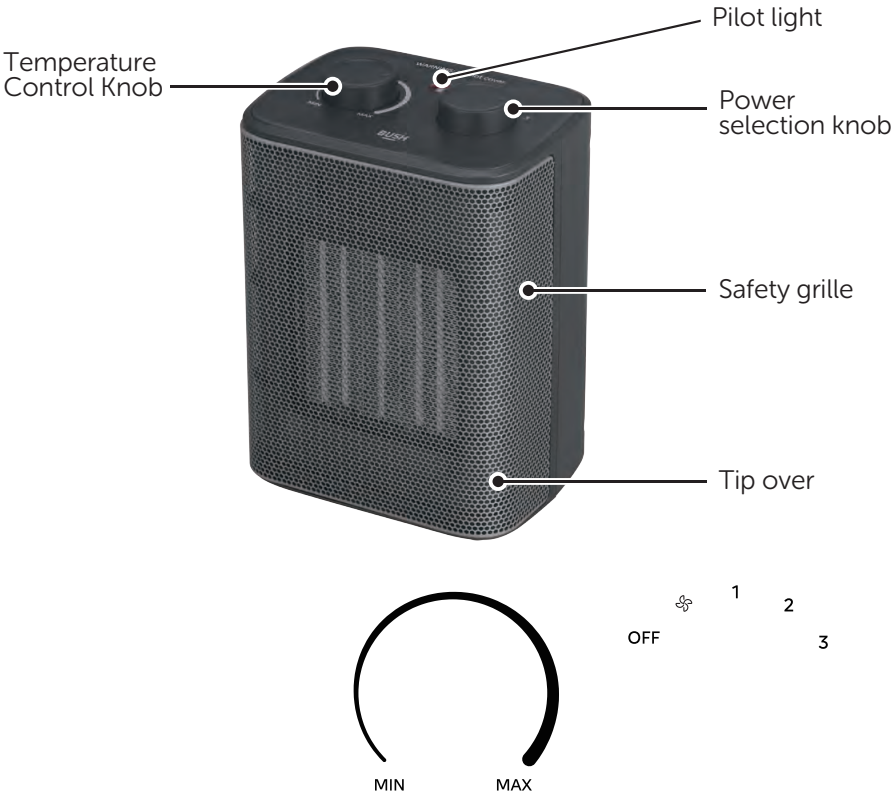
CAUTION- some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.

- Check the appliance before each use for signs of wear or damage. If damaged, discontinue from use immediately and do not use until the appliance has been inspected and approved use by a qualified service person.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or a similarly qualified persons in order to avoid hazard.
- Always switch off the heater before removing the plug from the power socket.
- Do not remove the plug from the power socket by pulling on the cord, always grip the plug to remove.
Always unplug the appliance when not in use, when moving the appliance or before cleaning.
- Do not immerse the appliance or its cord in water or any other liquids.
- Do not twist, kink or wrap the cord around the appliance as this may cause the insulation to weaken and split.
- Do not run the power cord under carpets, rugs etc.
- Do not cover or restrict the airflow to the inlet or exhaust grilles, restricted airflow can cause the appliance to overheat and become a fire risk.
- Do not insert or allow any foreign objects to enter any ventilafire or damage the appliance. tion or exhaust opening, as this may cause an electric shock,
- 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 use the heater on deep pile carpets or long hair type rugs. Keep combustible materials sch as drapes and other soft furnishings away from the heater.

Before using your heater.

Make sure you have read and fully Understood the safety instructions before operating the fan heater.

- Choose a safe, horizontal, stable surface to place your heater and position the power cord so not to create a trip hazard.
- Make sure the power selection knob is switched to 'OFF'.
- Plug the power cord into a suitable power socket.



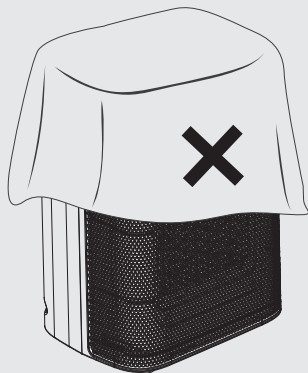
WARNING: Do not cover. In order to avoid overheating do not cover the heater.

Operating instruction

WARNING

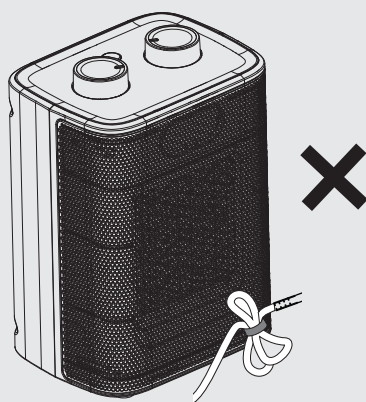
In order to avoid overheating, do not cover the heater.

Figure 1

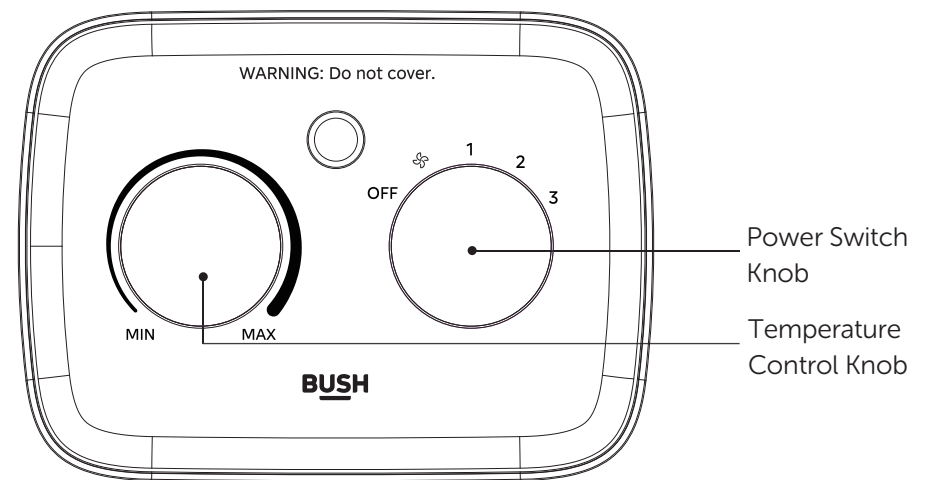


To use the heater correctly, do not let the power cord come into contact with the heating area or the front mesh.

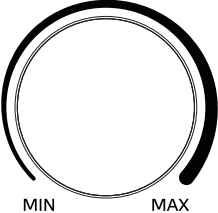
Figure 2



Control Panel



Knob	Description
	Power Switch Knob - Turn the Power Switch Knob to select between 4 functions: OFF: Turns the heater completely off. Fan Only (): Activates the fan without heating. Low Heat 900W (Level 1): Provides gentle heating at 900W. Medium Heat 1300W (Level 2): Offers moderate heating at 1300W. High Heat 2000W (Level 3): Delivers maximum heating at 2000W. - Turn Off the Heater: Follow these steps to safely turn off and store the heater: Step A: Turn the Power Switch Knob to the OFF position. Step B: Turn the Temperature Control Knob anticlockwise to the initial (MIN) position. Step C: Wait until the entire machine has cooled down, then remove the power plug and store the heater in a safe place.

Knob	Description
	Temperature Control Knob • Plug the device into the power socket. Turn the Temperature Control knob clockwise until you hear a "click" (indicating the temperature controller is activated). Set the knob to your desired temperature. • For quick heating, turn the thermostat control knob clockwise to the highest setting (MAX) and let the heater warm up the room rapidly. • Once the desired temperature is reached, turn the thermostat control knob counterclockwise until the heater stops operating. • The thermostat will automatically maintain the preset temperature by cycling the heater on and off. NOTE: It is normal for the heater to cycle on and off to maintain the preset temperature. To reduce cycling, increase the temperature setting.

Overheat safety cut-out.

Your heater is fitted with a safety device the switches off the heater in the event of overheating. Should the heater stop working, turn the heater off and inspect for blockage of air inlet or outlet. Wait at least 5 minutes for the protection system to reset before attempting to restart the heater. If the heater fails to operate or the safety device switches the heater off again, return heater to your nearest service center for examination or repair.

SAFETY CONTROL

Your heater has a built-in double safety system for your protection:

- Overheat protection: If the heater gets too hot, it will automatically switch off. It will turn back on once it has cooled down to a safe temperature.
- Thermal fuse: If a fault or severe overheating occurs, the heater will shut down and will not restart. If the heater keeps switching off or does not work correctly, stop using it and have it checked by an approved service centre.

Keeping your heater safe

- The most common cause of overheating is dust build-up or blockages.
- To prevent this, unplug the heater and clean the air vents and grille regularly using a vacuum.

Important

- This heater is designed to warm a room only.
- It is not suitable for precise temperature control.
- Do not use it to protect items, animals, or plants that require a stable temperature.

PILOT LIGHT

This fan heater is equipped with a pilot light that glows whenever the heater is plugged in and turned on. It will continue to glow even if the thermostat has cycled the heating elements off. This feature is to prevent you from being unaware that the heater is operating and maintaining the temperature of the room. When you do not wish the heater to control the room temperature, turn the control switch to O (off) and remove the plug from the electrical outlet.

CARE AND MAINTENANCE

1. Light accumulated dust may be removed from the heater with a soft cloth. Wipe the exterior surfaces of the heater occasionally with a cloth moistened (not dripping wet) with a solution of mild detergent and water. Dry the case thoroughly with a soft dry cloth before operating the heater.
2. The fan motor is lubricated by the factory, and will require no further lubrication.
3. No other user maintenance is required or recommended. If service is required, send your heater to the nearest authorized service depot.
4. Store heater in a clean and dry place when not in use. REMEMBER - portable electric heaters are designed for spot heating, or as a supplementary heat source. They are not intended to be main sources of heat during the normal heating season.

NOTE: You may notice a small amount of smoke or a slight smell when using the heater for the first time. This is normal and is caused by residues from the manufacturing process burning off. It will clear quickly and should not happen again.

TROUBLESHOOTING

If the product does not operate or does not operate properly, first check according to the following list. If the problem is not listed below or the heater is still not working correctly, stop using it. Please return the product to your nearest Argos store, or contact Argos Customer Services for support.

Problem	Possible Cause	Solution
After the power is engaged, the pilot light does not illuminate and the machine does not work.	The plug may not be plugged well.	Check whether the plug is properly inserted into the receptacle.
	The temperature control knob is not turned in place.	Check whether the temperature control knob is turned to the on position.
	The temperature exceeds the threshold of the thermal cut-off.	Cool the machine before use.
Heater turns on but no heat.	Temperature Setting too low.	Turn the temperature control knob higher.
	Overheat protection activated.	Switch off, unplug and allow heater to cool.
Heater switches off during use.	Overheating due to blocked airflow	Ensure vents are clear and nothing is blocking the heater.
	Heater placed on uneven surface (causing tip-over protection).	Place heater on a flat, stable surface.
Weak airflow or unusual noise.	Dust or debris inside heater.	Unplug and clean vents and grille regularly.
	Airflow blocked	Remove any obstructions around the heater.

Technical Specifications.

2kW Ceramic Fan Heater	
Model number	NT20-25ADE
Input rated voltage	220-240V~ 50Hz
Output rated wattage	900/1300/2000W
Weight	1.4kg
Dimensions	W161 x D126 x H224mm
Recommended room size	15m ²



Produced in China for Argos EC1M 6HA, UK.
Argos (N.I.) BT8 6FX, UK.

Recycling electrical products.



You should now recycle your waste electrical goods and in doing so help the environment. This symbol means an electrical product should not be disposed of with normal household waste. Please ensure it is taken to a suitable facility for disposal. Visit www.recycle-more.co.uk, click on "bank locator" and enter your postcode to find your nearest recycling site.

Information requirements for electric local space heaters

Nominal heat output	P_{nom}	2,000	kW	Single stage heat output and no room temperature control	☐ Yes ☒ No
Minimum heat output (indicative)	P_{min}	0,900	kW	Two or more manual stages, no room temperature control	☐ Yes ☒ No
Maximum continuous heat output	$P_{max,c}$	2,000	kW	with mechanic thermostat room temperature control	☒ Yes ☐ No
Heat output				With electronic room temperature control	☐ Yes ☒ No
Nominal heat output	P_{nom}	/	kW	electronic room temperature control plus day timer	☐ Yes ☒ No
Minimum heat output (indicative)	P_{min}	/	kW	electronic room temperature control plus week timer	☐ Yes ☒ No
Maximum continuous heat output	$P_{max,c}$	/	kW	Other control options (multiple selections possible)	
Power consumption				Room temperature control, with presence detection	☐ Yes ☒ No
In off mode	P_o	0,26	W	Room temperature control, with open window detection	☐ Yes ☒ No
In standby mode	P_{sm}	/	W	Distance control option	☐ Yes ☒ No
In idle mode	P_{idle}	/	W	Adaptive start control	☐ Yes ☒ No
In network stanby	P_{nsm}	/	W	Working time limitation	☐ Yes ☒ No
Standby mode with display of information or status	☐ Yes (timer setting) ☒ No (Mechanical switch on & after work)			Black bulb sensor	☐ Yes ☒ No
Seasonal space heating energy efficiency in active mode	$\eta_{s,on}$	85,0	%	Self-learning functionality	☐ Yes ☒ No
/	/	/	/	Control scuracy	☐ Yes ☒ No

Help and assistance If you require any technical guidance or find that your appliance is not operating as intended, a simple solution can often be found online at www.bush-support.com

If you still require further assistance, call one of our experts on 0345 604 0105*. To help give us give you a fast and efficient service please have the following information ready:

Model Ref.	NT20-25ADE	You can find these on the rating plate-a small information panel (usually a sticker or metal plate) on the rear of your product.
Serial number	N/A	
Date of purchase		This will be shown on your receipt

Local call rates apply*

Lines open 8am-7pm Monday to Saturday and 10am-4pm Sunday.

*Calls to Bush enquiry lines may attract a charge and set up fee from residential lines depending on your call plan/tariff. Mobile and other providers costs may vary, see www.bt.com/pricing for detls.

For security and training purposes, telephone calls to and from customer service centres may be recorded and monitored. Calls from Republic of Ireland will attract international call charges.

Plug and wiring advice.

The wires in this mains lead are coloured in accordance with the following UK electrical code:

BLUE= NEUTRAL
BROWN = LIVE
GREEN+YELLOW EARTH

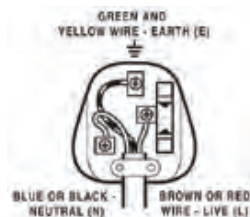
Non-rewireable plug

This appliance may be fitted with a "non-rewireable" plug. If you need to change the fuse in a "non-rewireable" plug, the fuse cover must be refitted. If the fuse cover is lost or damaged, the appliance must not be used.

Rewireable plug.

The colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in a rewireable plug.

Rewireable plugs should only be replaced by a suitably competent person. If in doubt, consult a qualified electrician.



The BLUE wire must be connected to the terminal marked with the letter N The BROWN wire must be connected to the terminal marked with the letter L The GREEN & YELLOW wire must be connecting to the terminal marked with the letter E or the earth symbol 

Product support

Help is always at hand

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Call us now and register your 12 month guarantee

Thank you for choosing Bush. Your new product is guaranteed against faults and breakdowns for 12 months. Don't forget to register it with us today so we can provide you with our best possible after-sales service and useful updates.

www.bushregistration.co.uk

FREEPHONE*

0800 597 8548

Lines are open 8am - 8pm, 365 days a year. *Calls may be recorded and monitored.

Your Bush Guarantee

This product is guaranteed for twelve months from the date of original purchase. Any defect that arises due to faulty materials or workmanship will be repaired free of charge (or if applicable the product will be replaced or the purchase price refunded) where possible during this period by the dealer from who you purchased the unit.

The guarantee is subject to the following provisions:

- The guarantee does not cover accidental damage, misuse, cabinet parts, knobs or consumable items.
- The product must be correctly installed and operated in accordance with the instructions contained in the manual.
- It must be used solely for domestic purposes. The guarantee will be rendered invalid if the product is resold or has been damaged by inexpert repair.
- Specifications are subject to change without notice.
- Bush disclaim any liability for loss or damage arising from the breakdown of the product.
- This guarantee is in addition to and does not diminish your statutory or legal rights.

Important Data Protection Information

To find out how we and Domestic & General Insurance Plc use your data please refer to the guarantee registration material or visit www.bushregistrations.co.uk.

Guarantor: Argos EC1M 6HA, UK. [Argos \(N.L\)](#) BT8 6FX, UK.

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