

BUSH

Instruction manual.

2kW Convector heater with
Timer.

Model number DF2361



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 ceilings 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.

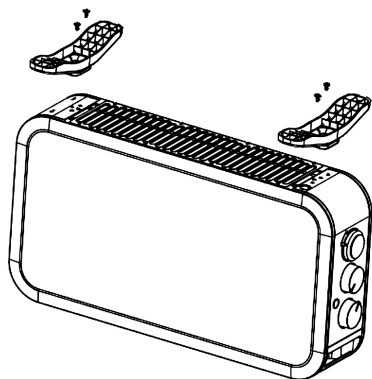
CAUTION- some parts of this product can become very hot and cause burns. Particular attention must be given where children and vulnerable people are present.

- 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 for 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 ventilation or exhaust opening, as this may cause an electric shock, fire or damage the appliance.
- 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 such as drapes and other soft furnishings away from the heater.

Assembly



Before using your new heater, the feet (supplied) must be fitted.



Fittings

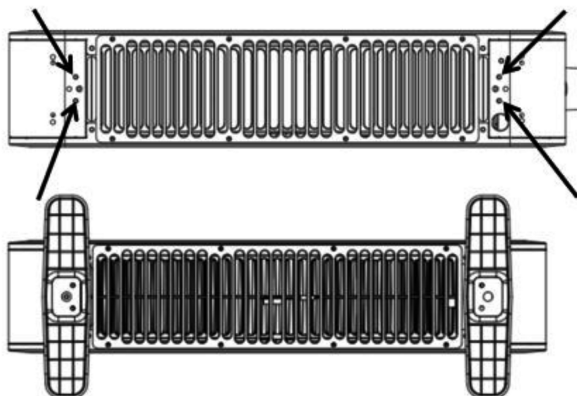
2 x Foot



4 x Screw for Feet

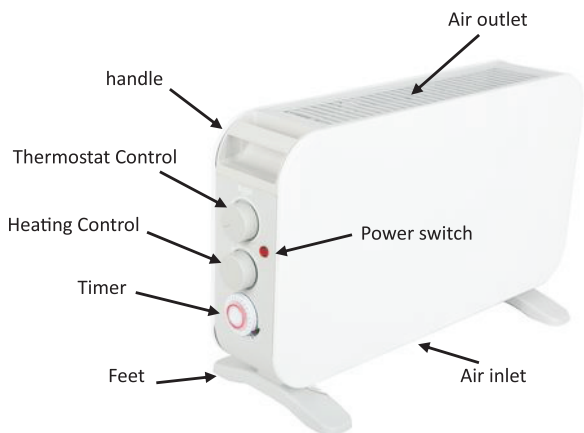


- Carefully turn the unit upside down. Use the Screws to fix the Feet onto the Heater. Take care to ensure that they are located correctly in the bottom ends of the Heater side moldings.
- Only Fit 2 screws to each foot in the positions as shown below.



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

Getting to know your heater.



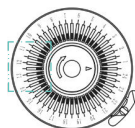
Heating Control



Thermostat Control



Timer



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 On/Off control is switched to Off.
- Plug the power cord into a suitable power socket.

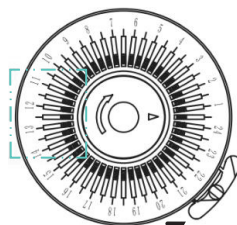
Timer operating instructions.

There are 3 modes on the timer: Manual operation, Timer operation and Off. The operation mode is set using the slide switch on the timer.

Manual operation (position- I) allows power to the product uninterrupted by the timer, all other controls will continue to function as normal.

Timer operation (position- ⌚) allows the heater to be controlled by the timer. The heater will be switched on and off depending on the pre-set timer program.

Off (position- 0) the unit is powered off even if the heater controls are turned on.

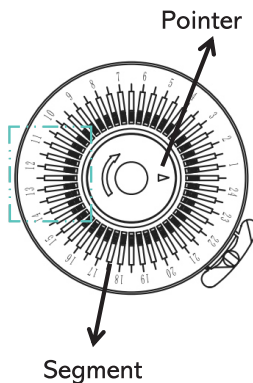


Slide Switch I-⌚-0

Timer operation.

Select  using the slide switch.

- Set the timer by turning the disc so that the pointer on the timer is the same as the local time, for example at 10am set the disc to the number 10, at 2pm set the disc to the number 14.
- Set the periods of time that you want the heater to work each day by pulling the red teeth outwards. Each tooth represents 30 minutes.
- Turn the heater ON, the power switch will illuminate.
- Turn the thermostat control clockwise to the maximum setting.
- Turn the Heat control to the desired power setting. 750W (low), 1250W (mid), or 2000W (high).
- To cancel the set time, move the teeth back to the central position.



Manual Operation.

Select **'I'** using the slide switch

- Turn the heater ON, the power switch will illuminate.
- Turn the thermostat control clockwise to the maximum setting.
- Turn the Heat control to the desired power setting. 750W (low), 1250W (mid), or 2000W (high).

NOTE: It is normal when the heater is turned on for the first time or when turned on after not having been used for a long period of time to emit some odour. This will disappear when the heater has been on for a short period of time.

NOTE: if the timer slider is set to 'O' there will be no heat given from the heater.

Thermostat control.

Setting the temperature is easy to do.

- Select the heat setting as above, then rotate the thermostat control to maximum position. Once the desired room temperature has been reached, turn the thermostat control anticlockwise until it clicks off, then turn the control clockwise slowly until it clicks back on. The thermostat will now maintain the set temperature.
- The heater will turn on and off automatically maintaining the room temperature that you have set.
- You may need to adjust the thermostat control to fine tune the ideal room temperature.

Tip over switch.

The heater is fitted with a safety switch which cuts the heater off if it falls over. This switch is located under the base. The heater needs to be placed on a firm and level surface in order to operate. Standing the unit on the long pile carpet may not activate the switch.

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 centre for examination or repair.

Care and Maintenance.

The heater requires regular cleaning to ensure trouble free operation:

- Always turn off and unplug the heater from the mains supply before cleaning.
- Make sure the appliance has cooled down completely before cleaning.
- Use a slightly damp cloth to wipe the exterior of the heater to remove dust and dirt.
- Ensure the heater is dry before plugging back into the mains supply.
- Do not immerse cord, plug or the appliance in any liquid or allow moisture to come into contact with the electrical parts.

Storage

- Do not store appliance while it is still hot.
- When not in use, clean the heater before storing away in the original or similar sized box.
- Store the heater in a safe, clean, and dry place, away from direct sunlight and out of reach of children.

Technical Specifications.

Bush 2kW Convector Heater with Timer	
Model number	DF2361
Input rated voltage	220-240V 50Hz
Output rated wattage	750/1250/2000W
Weight	2.8kg
Dimensions	W528xD194xH315mm
Recommended room size	20m ²



Produced in China for Argos Limited.Sainsbury's Supermarkets Ltd, London, EC1N 2HT, UK. Argos (N.I.) Ltd and Sainsbury's (NI) Ltd, Forestside Shopping Centre, Upper Galwally, Belfast, 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.

Plug and wiring advice.

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

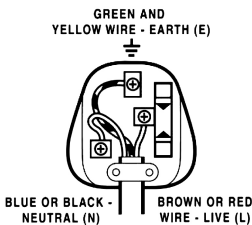
BLUE = NEUTRAL
BROWN = LIVE
GREEN + YELLOW = EARTH

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

Information requirement for electrical space heaters

Contact details	Produced in China for Argos Limited.Sainsbury's Supermarkets Ltd, London,EC1N 2HT, UK. <u>Argos (N.I.) Ltd</u> and Sainsbury's (NI) Ltd, Forestside Shopping Centre, Upper Galwally,Belfast, BT8 6FX, UK.				
Model identifier(s):DF2361					
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat input/room temperature control (select one)	
Nominal heat output	Pnom	2.000	kW	single stage heat output and no room temperature control	No
Minimum heat output (indicative)	Pmin	0.750	kW	two or more manual heat stage, no room temperature control	No
Maximum continuous heat output	Pmax,c	2.000	kW	with mechanic thermostat room temperature control	Yes
Power consumption				with electronic room temperature control	No
In off mode	Po	0.25	W	electronic room temperature control plus day timer	No
In standby mode	Psm	0.00	W	electronic room temperature control plus week timer	No
In idle mode	Pidle	0.25	W	Other control options (multiple selections possible)	
In network standby	Pnsm	0.00	W	room temperature control, with presence detection	No
Standby mode with display information or status			No	room temperature control, with open window detection	No
Seasonal space heater energy efficiency in active mode	ηS,on	45.0	%	distance control option	No
				adaptive start control	No
				working time limitation	Yes
				black bulb sensor	No
				self-learning functionality	No
				control accuracy	No

Test Data for DF2361

Description	Value
For electric local space heaters- $\eta_{th,nom}$	100%
The electric to primary energy 'conversion coefficient-CC	1.9
correction factor accounting for a positive contribution to the seasonal space heating energy efficiency due to adjusted contributions of controls of indoor heating comfort, the values of which are mutually exclusive, cannot be added to each other-F(2)	0.100
correction factor accounting for a positive contribution to the seasonal space heating energy efficiency due to adjusted contributions of controls for indoor heating comfort, the values of which can be added to each other-F(3)	0.005
Seasonal space heating energy efficiency in active mode- $\eta_{S,on}$ $\eta_{S,on} = \eta_{th,nom} \cdot [0.75 + F(2) + F(3)]$ $\eta_s = \eta_{S,on} / CC$	45.0%
Verdict	Pass



PRODUCT GUARANTEE

This product is guaranteed against manufacturing defects for a period of



Year

This product is guaranteed for twelve months from the date of original purchase.

Any defect that arises due to faulty materials or workmanship will either be replaced, refunded or repaired free of charge where possible during this period by the dealer from whom 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 this manual. A replacement copy of this manual can be obtained from www.argos-support.co.uk
- It must be used solely for domestic purpose.
- The guarantee will be rendered invalid if the product is re-sold or has been damaged by inexpert repair.
- Specifications are subject to change without notice.
- The manufacturer disclaims any liability for the incidental or consequential damages.
- The guarantee is in addition to and does not diminish your statutory or legal rights.

Guarantor: Argos Ltd
London
EC1N 2HT
www.argos-support.co.uk

