Clarke®




THIS PRODUCT IS ONLY SUITABLE FOR WELL IINSULATED SPACES OR OCCASIONAL USE

# 1.8KW 230V ELECTRIC STOVE
# MODEL NO: LINDENFIELD

PART NO: 6910156

# OPERATION & MAINTENANCE INSTRUCTIONS

UK CA | CE

ORIGINAL INSTRUCTIONS

GC03/26 - rev 1

# INTRODUCTION

Thank you for purchasing this CLARKE Electric Fan Heater. Before attempting to use this product, please read this manual thoroughly and follow the instructions carefully. In doing so you will ensure the safety of yourself and that of others around you, and you can look forward to your purchase giving you long and satisfactory service.

## GUARANTEE

This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt which will be required as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

## PRODUCT SPECIFICATIONS

| | |
|---|---|
| Product: Depth x Width x Height | 230 x 380 x 460 mm |
| Product weight | 4.2 kg |
| Operating Voltage and Frequency: (V / Hz) | 230 V / 50Hz |
| Rated power input | 7.83 A |
| Heat Output: (kW) Fan & heat setting | 1.8 kW |
| Safety Device: | Thermal cut-out |
| Duty Cycle Classification: | S1 Continuous duty |
| Power cable length | 1.8 M |
| Electrical Insulation | Class I |
| Ingress Protection rating | IP20 |

# THE FOLLOWING TABLE ADDRESSES THE INFORMATION REQUIREMENTS OF REG.2015/ 1188

| Item | Symbol | Value | Unit |
|---|---|---|---|
| **Heat output** | | | |
| Measured seasonal space heating energy efficiency | | | 36% |
| Nominal heat output | $P_{nom}$ | 1.8 | kW |
| Minimum heat output (indicative) | $P_{min}$ | N/A | kW |
| Maximum continuous heat output | $P_{max}$ | 1.8 | kW |
| **Auxiliary electricity consumption** | | | |
| At nominal heat output | $el_{max}$ | n/a | kW |
| At minimum heat output | $el_{min}$ | n/a | kW |
| In standby mode | $el_{SB}$ | n/a | kW |
| **Type of heat input for electric storage local heaters only** | | | |
| Manual heat charge control with integrated thermostat | | | No |
| Manual heat charge control with room and/or outdoor temperature feedback | | | No |
| Electronic heat charge control with room and/or outdoor temperature feedback | | | No |
| Fan assisted output | | | No |
| **Type of heat output/room temperature control (select one)** | | | |
| Single stage heat output, no temperature control | | | No |
| Two or more manual stages, no temperature control | | | No |
| With mechanical thermostat temp control | | | Yes |
| With electronic temperature control | | | No |
| Electronic temperature control with day timer | | | No |
| Electronic temperature control with week timer | | | No |
| **Other control options (multiple selections possible)** | | | |
| Room temperature control with presence detection | | | No |
| Room temperature control with open window detection | | | No |
| Room temperature control with distance control option | | | No |
| Room temperature control with adaptive start control | | | No |
| Room temperature control with working time limitation | | | No |
| Room temperature control with black bulb sensor | | | No |

# SAFETY

Make sure that you read, understand and comply with the following guidance. These safety symbols may appear on the heater.

| | | | | | |
|---|---|---|---|---|---|
|  | Hot Surface, Do Not Touch |  | Read the manual |  | Do Not Cover |

## GENERAL

- **DO NOT** operate the heater when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- **DO NOT** stand on the heater.
- **DO NOT** use if dropped. **DO NOT** use if there is visible signs of damage.
- **DO NOT** use the heater with wet hands or if there is water on the power cable.
- Turn the heater off when not in use and keep it in a dry, childproof location.
- The heater is designed to heat enclosed areas such as workshops and room spaces. **DO NOT** use the heater for any other function. It is not suitable for drying clothes or laundry.
- This heater can be used by children aged 8 and above and persons with reduced physical, sensory and mental capabilities or lack of knowledge if they have been given instruction concerning the use of the heater in a safe way and understand the hazards.
- Children of under 3 years should be kept away unless continuously supervised.

## ELECTRICAL SAFETY

- Regularly inspect the power cable/plug for damage/looseness. **DO NOT** use the heater it the power cable is damaged.
- Minimize the risk of electric shock by installing a RCCB (Residual Current Circuit Breaker) and a suitable isolator into the main distribution board.
- Make sure that the voltage on the rating label is the same as the voltage of the power supply. If in doubt, consult a qualified electrician.
- **DO NOT** abuse the electrical cable. **DO NOT** use the cable for pulling or unplugging the heater.
- Keep the cable away from sources of heat, oil, sharp edges or moving parts. Damaged or tangled cables increase the risk of electric shock.

## POSITIONING



**WARNING: DO NOT USE THE HEATER NEAR FLAMMABLE MATERIAL, LIQUIDS, SOLIDS, GASES OR COMPRESSED GAS CYLINDERS ETC.**

- This heater is designed for indoor use only.
- **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** place the heater close to a bath, wash basin, shower, swimming pool or any other water-filled area or wet surface. **DO NOT** place the heater against any surface such as a wall, door or furniture etc.
- **DO NOT** place the heater immediately below any electrical outlet.
- **NEVER** place the heater near textiles, curtains or combustible materials etc. Allow 2 metres clearance all round this heater.
- **DO NOT** place the heater on a raised surface or anywhere it could topple over. **ONLY** use this heater on a horizontal and stable surface.
- Take care to ensure that the grille cannot be blocked.
- **DO NOT** operate in explosive atmospheres such as in the presence of flammable liquids, gases or dust such as in a paint spray booth or any explosive environment. Electric motors create sparks which may ignite dust or fumes.

## OPERATION

- The heater must only be used by people who have read these instructions and have been trained in its use.
- **DO NOT** obstruct the air inlet and outlet sections of the heater.
- **DO NOT** cover the heater.
- **DO NOT** touch the heater when first switched off as it will be very hot and will take time to cool.
- **DO NOT** get the heater wet or use in areas of high condensation.
- **DO NOT** allow the power lead to touch hot surfaces.
- **DO NOT** connect other appliances to the same mains socket as the heater.
- **DO NOT** use this heater with a programmable timer used to switch it on automatically.
- **CAUTION:** Some parts of this product can become very hot and cause burns. Particular attention should be given where children, vulnerable people and animals are present.

# ELECTRICAL CONNECTIONS

**WARNING: READ THESE ELECTRICAL SAFETY INSTRUCTIONS THOROUGHLY BEFORE CONNECTING THE HEATER TO THE MAINS SUPPLY.**

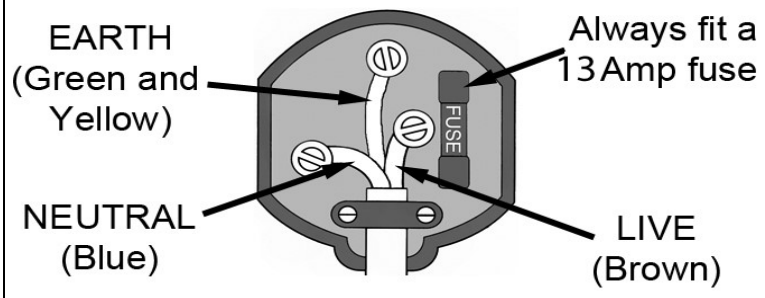
Before switching the product on, make sure that the voltage of your electricity supply is the same as that indicated on the rating plate. Connecting it to any other power source may cause damage.

If it is necessary to change the fuse in the plug, the fuse cover must be refitted. If the fuse cover becomes lost or damaged, the plug must not be used until a suitable replacement is obtained.If the plug has to be changed due to damage, a replacement should be fitted, following the wiring instructions shown below. The old plug must be disposed of as insertion into a mains socket could cause an electrical hazard.

If the colours of the wires in the power cable of this product do not correspond with the markings on the terminals of your plug, proceed as follows.

- The **Blue** wire must be connected to the terminal which is marked **N** or coloured **Black**.
- The **Brown** wire must be connected to the terminal which is marked **L** or coloured **Red**.
- The **Yellow/Green** wire must be connected to the terminal which is marked **E** or coloured **Green.**

The plug must be BS1363/A approved

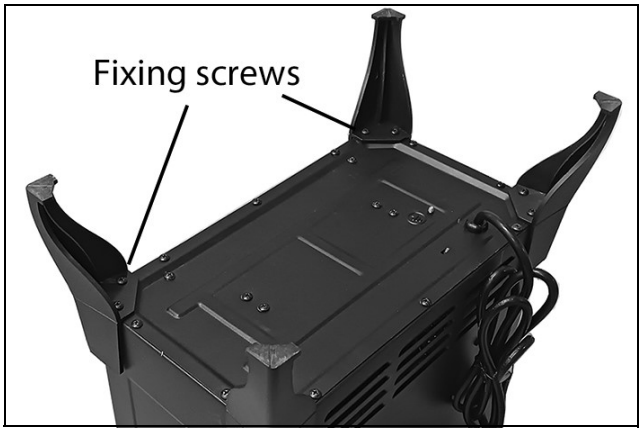



Make sure that the outer sheath of the cable is firmly held by the clamp

If in any doubt, consult a qualified electrician. **DO NOT** attempt any repairs yourself.

# ASSEMBLY AND POSITIONING

1. Place the heater upside down and attach the legs to each corner of the heater using the screws provided.
2. Stand the heater in a level position on a flat surface and at a safe distance from flammable materials. Maintain a minimum of 1m clearance all round.
3. Connect the heater to a suitable power supply.




# OPERATION

**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.**

CAUTION: SOME PARTS OF THIS PRODUCT CAN BECOME VERY HOT AND CAN CAUSE BURNS. PARTICULAR ATTENTION HAS TO BE GIVEN WHERE CHILDREN AND VULNERABLE PEOPLE ARE PRESENT.

1. Switch the heater on using the right switch marked with a power symbol.
   - This turns on the power to the unit and turns on the 'fire' lighting effect.
   - The left-hand switch marked with a thermometer is used to turn on the fan heater
   - The rotating thermostat switch on the left is then used to set the temperature at which the fan heater automatically comes on or off



2. Set the thermostat as required or to the maximum setting (fully clockwise).

3. Once the room reaches the required temperature, turn the thermostat control slowly counter-clockwise until the thermostat clicks. Leave the control in this position to maintain a constant output
    - The room temperature will be maintained at this setting. The heater will continue to operate until the power switch is set to the OFF position.
4. When not in use, disconnect the heater from the mains supply. Store it in a safe, dry, childproof location.
    - The heater is fitted with a thermal cut-out in case of overheating. If this is activated, the power will need to be turned off before the heater will restart.

# CARE & MAINTENANCE.



**WARNING: SERVICING OR INTERNAL MAINTENANCE MUST ONLY BE CARRIED OUT BY THE CLARKE SERVICE DEPARTMENT.**

- Check that the heater is in good working order. Take immediate action to repair any damage.
- Clean the heater with a soft damp cloth once cold. **DO NOT** use solvents or abrasives.
- No other maintenance is required. Should you discover any problem with the heater, return it to the CLARKE service department for repair.

**DO NOT** attempt to repair a damaged heater,- contact the CLARKE service department. **ONLY** recommended parts should be used. Unapproved parts may be dangerous and will invalidate the warranty.

# TROUBLESHOOTING

| Problem | Possible Cause | Remedy |
|---|---|---|
| Heater does not operate, although plugged in with the switch and thermostat switched on. | Plug is loose/bad connection. | Pull the plug out & check all connections (cable/plug and socket). |
| | Fuse blown or circuit breaker tripped. | Replace if necessary and investigate cause. If fuse blows repeatedly, consult your CLARKE dealer. |
| | No power at socket outlet | Insert the plug in a suitable socket. |
| Heating element glowing hot. | Input voltage too high. | Use a power supply in accordance with the rating on the label. |
| | Air inlet grille is blocked. | Ensure the heater is kept away from any objects which could cover the air inlet or be drawn into it. |
| The unit has failed to heat up so only the air fan has operated. | Control switch not set at a "HEATING" level. | Turn switch to a heating level. |
| | Thermal cut out device is active/ thermostat has tripped | Turn the thermostat and listen. If there is no CLICK and the thermostat is not damaged, the heater will automatically switch ON when it has cooled down. |
| Abnormal noise. | Heater is not level. | Stand heater on a level surface. |

## ENVIRONMENTAL RECYCLING POLICY



Through purchase of this product, the customer is taking on the obligation to deal with the WEEE in accordance with the WEEE regulations in relation to the treatment, recycling & recovery and environmentally sound disposal of the WEEE.

In effect, this means that this product must not be disposed of with general household waste. It must be disposed of according to the laws governing Waste Electrical and Electronic Equipment (WEEE) at a recognised disposal facility.

# DECLARATIONS OF CONFORMITY-UK

UK CA

Clarke® INTERNATIONAL

Hemnall Street, Epping, Essex, CM16 4LG

## DECLARATION OF CONFORMITY

**This is an important document and should be retained.**

**We hereby declare that this product(s) complies with the following legislation:**

*The Ecodesign for Energy-Related Products Regulations 2010*

*The Electromagnetic Compatibility Regulations 2016*

*The Electrical Equipment (Safety) Regulations 2016*

*The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012*

**The following standards have been applied to the product(s):**

*EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019+A15:2021, IEC 62321-5:2013, EN 60675:1995+A1:1998+A2:2018+A11:2019, EN IEC 61000-3-2:2019+A1:2021, IEC 62321-6:2015, EN 60335-2-30:2009+A11:2012, EN IEC 55014-1:2021, EN IEC 55014-2:2021, IEC 62321-7-1:2015, EN 61000-3-3:2013+A1:2019+A2:2021, IEC 62321-3-1:2013, IEC 62321-7-2:2017, EN 50564:2011, IEC 62321-4:2013+A1:2017, IEC 62321-8:2017, EN 62233:2008*

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned legislation has been compiled and is available for inspection by the relevant enforcement authorities.

**The UKCA mark was first applied in:** 2024

| | |
|---|---|
| **Product Description:** | Space Heater |
| **Model Number(s):** | LINDENFIELD |
| **Serial/Batch Number:** | Refer to product/packaging label |
| **Date of Issue:** | 23/12/2024 |
| **Signed:** | |

**J.A Clarke**

**Director**

LINDENFIELD UKCA Clarke DOC 122324

Page 1 of 1

# DECLARATION OF CONFORMITY - EU

CE

Clarke®
INTERNATIONAL

Fitzwilliam Hall, Fitzwilliam Place, Dublin 2

## DECLARATION OF CONFORMITY

**This is an important document and should be retained.**

**We hereby declare that this product(s) complies with the following legislation:**

| | |
|---|---|
| *2009/125/EC* | *Ecodesign Directive* |
| *2014/30/EU* | *Electromagnetic Compatibility Directive* |
| *2014/35/EU* | *Low Voltage Directive* |
| *2011/65/EU* | *Restriction of Hazardous Substances (RoHS) Directive* |

**The following standards have been applied to the product(s):**

*EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019+A15:2021, IEC 62321-5:2013, EN 60675:1995+A1:1998+A2:2018+A11:2019, EN IEC 61000-3-2:2019+A1:2021, IEC 62321-6:2015, EN 60335-2-30:2009+A11:2012, EN IEC 55014-1:2021, EN IEC 55014-2:2021, IEC 62321-7-1:2015, EN 61000-3-3:2013+A1:2019+A2:2021, IEC 62321-3-1:2013, IEC 62321-7-2:2017, EN 50564:2011, IEC 62321-4:2013+A1:2017, IEC 62321-8:2017, EN 62233:2008*

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned legislation has been compiled and is available for inspection by the relevant enforcement authorities.

**The CE mark was first applied in:** 2024

| | |
|---|---|
| **Product Description:** | Space Heater |
| **Model Number(s):** | LINDENFIELD |
| **Serial/Batch Number:** | Refer to product/packaging label |
| **Date of Issue:** | 23/12/2024 |
| **Signed:** | |

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**J.A Clarke**

**Director**

# A SELECTION FROM THE VAST RANGE OF

Clarke®

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# PARTS & SERVICE:
# 0208 988 7400

## Parts Enquiries
Parts@clarkeinternational.com

## Servicing & Technical Enquiries
Service@clarkeinternational.com

**SALES: UK 01992 565333 or Export 00 44 (0)1992 565335**

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