



mistral MIFH0130BD Industrial Heater With LED Worklight Instruction Manual

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**Industrial Heater
With LED Worklight
Instruction Manual
Model: MIFH0130BD**



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Important Safeguards

When using electrical appliances, in order to reduce the risk of fire, electric shock, and/or injury to persons, basic safety precautions should always be followed, including:

For Your Safety

When using this appliance, safety precautions should always be followed.

- To prevent fire or shock hazards, DO NOT expose this appliance to rain or moisture.
- Dangerous high voltages are present inside this enclosure. To avoid electric shock, DO NOT open the cabinet, refer servicing to qualified personnel only.
- No naked flames sources, such as candles, should be placed on the product.
- Any ventilation holes should not be impeded by covering with items, such as newspaper, table paper, tablecloths, curtains, etc. Slots and openings are provided for ventilation to ensure the reliable operation of the product and to protect it from overheating. Never obstruct the air inlet and outlet. Do not use any object to cover this appliance.
- Only connect to a suitable AC 230-240V~50Hz main wall outlet. Do not overload the wall outlet.
- This appliance is not intended to be operated by means of an external timer or separate remote-control system. Other use not recommended may cause fire, electric shock, or injury.
- 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 the use of the appliance by a person responsible for their safety.
- Keep out of reach of children. Children should be supervised to ensure that they do not play with the appliance.

- To disconnect, grip the plug and pull it from the wall outlet. Never pull by the cord. Do not use with wet hands or in damp environments.
- Do not attempt to repair, disassemble or modify the appliance. There are no user-serviceable parts inside. Repairs should only be performed by qualified personnel.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. • Although the appliance has a limited weather resistance rating DO NOT leave the heater out in the rain and ensure that plug connection is made into a weatherproof electrical socket outlet if used outside.
- Heater is best suited for use in workshops, garages, or similar enclosed areas with roof covering.
- Do not use if there are visible signs of damage to the heater
- Use this heater on a horizontal and stable surface.
- Do not use this heater 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.
- Do not use this heater if it has been dropped.
- DO NOT place the appliance in or near a fire, on stoves, or near other high-temperature locations.
- Do not use with damaged cord or plug. The LED lights are not replaceable.
- Do not look directly into the light source or point it into the eyes of others. This can lead to retinal damage.

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.

Warning: In order to avoid overheating, DO NOT COVER the appliance.

Warning: Do not place the heater on LONG PILE CARPET OR FLOKATI RUGS. Use a heated board if necessary.

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. 2

WARNING: FIRE RISK EXISTS IF THE HEATER IS COVERED BY OR POSITIONED CLOSE TO CURTAINS OR OTHER COMBUSTIBLE MATERIALS.

Always

1. Always position the heater in accordance with the instructions.
2. Always make sure the electrical socket is accessible and located adjacent to, but not above the heater.
3. Always use a fireguard when children, animals, and infirm persons can come into contact with the heater. Pay attention! The air outlet gets hot during operation.
4. Always turn the appliance OFF and unplug it from the mains wall outlet when it is not in use when moving the appliance from one location to another and before cleaning.

Never

1. Never leave the appliance unattended when it is in use. Never leave children unsupervised in an area where the heater is ON and unguarded.
2. Never obstruct or cover the air outlet or force items into the heater openings, this could cause overheating and consequent risk of fire. Never insert or allow foreign objects to enter the air outlet as this may cause damage to the appliance.
3. Never position or use the heater in the immediate vicinity of water, such as bathtub, shower, washbowls, swimming pool etc.

4. Never use aerosols or steam cleaners on or around the heater.
5. Never use the heater in rooms with explosive gas or while using flammable solvents, varnish or glue.
6. Never route the power supply cord under carpet etc.
7. Never use the heater to dry clothes, etc.
8. Never operate the appliance with a damaged cord or plug, after a malfunction or if it is not working normally, dropped or damaged in any way.
9. Never let the power cord hang over the edge of a table or counter or let it touch any hot surfaces.
10. Never move the appliance by pulling the cord.
11. Never immerse the product in water or any other liquid for any reason.
12. Never use accessories that are not recommended or supplied by the manufacturer.

Position Instructions

This heater must be placed on a hard, level, heat-resistant surface. When positioning, please keep the following points in mind:

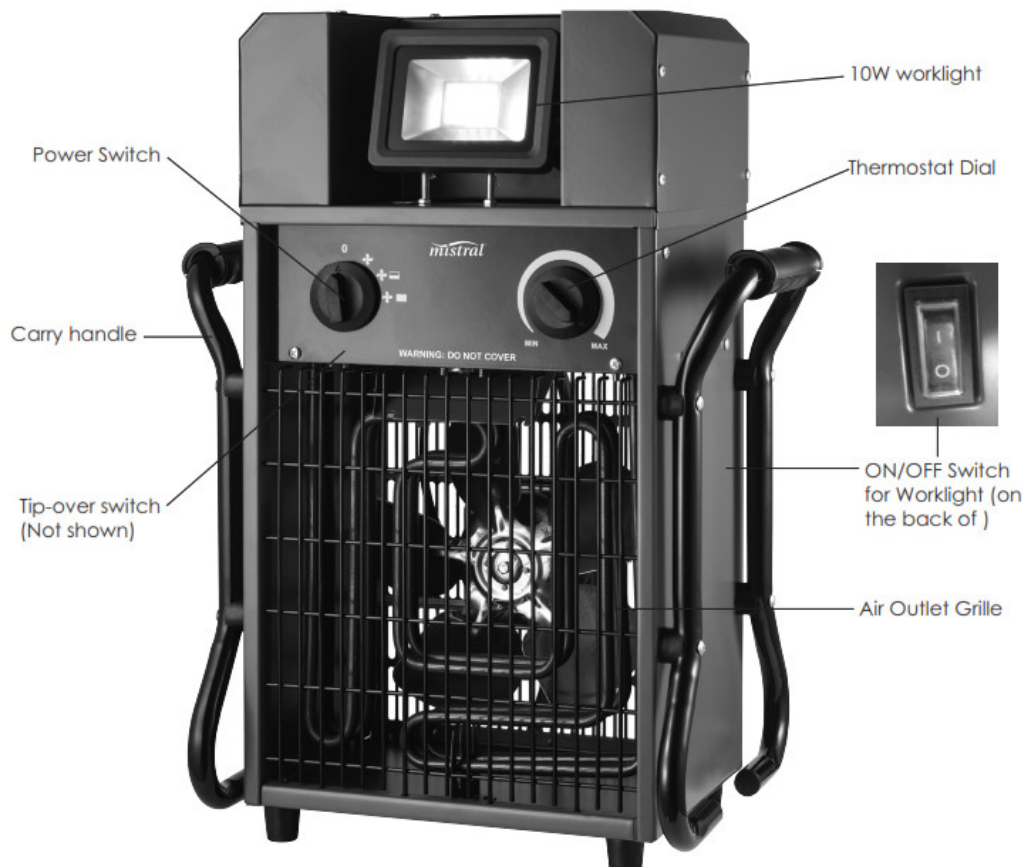
- The heater requires no installation. It should be used solely as a portable appliance. The heater must always be used and stored in an upright position.
- This heater must not be located immediately below an electrical outlet.
- The heater **MUST** only directly be plugged into a fixed Domestic Power outlet, **DO NOT** use it in conjunction with Extension cords, Power Boards, or Double Adaptors, as these can overheat when overloaded.
- Do not use the appliance in rooms less than 4m² areas.
- Keep the air inlet and outlet free from objects at least 100cm in front and 50cm behind the heater. Do not hang anything on or in front of the heater.
- Never position the heater close to curtains or combustible materials such as furniture, cushions, bedding, paper, clothes, curtains, etc. Keep the appliance at least 100cm (1m) from walls and any other combustible materials.
- Never position or use the heater in the immediate vicinity of water, such as bathtub, washbowls, swimming pool, etc. where the likelihood of immersion or splashing could occur.
- Keep hearthrugs and other soft furnishings away from the front of the heater. They could obstruct the free flow of hot air and damage both soft furnishings and the heater.

Cautions:

Do not operate the appliance in an inclined place. Do not move the appliance while the appliance is switched on. In order to avoid a hazard due to inadvertent resetting of the thermal cutout, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

This heater is hot when in use or directly after use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials such as furniture, pillows, bedding, papers, clothes, and curtains well away from the heater. Do not drape laundry or any other items over the heater. At the end of the product's serviceable life, it should be disposed of carefully and safely in accordance with local authority regulations.

Features of Your Industrial Heater With LED Worklight



Your Industrial Heater With LED Worklight

Congratulations on the purchase of your new Heater.

Before first using your Heater, it is most important that you read and follow the instructions in this use and care booklet, even if you feel you are quite familiar with this type of appliance.

Your attention is drawn particularly to the section dealing with IMPORTANT SAFEGUARDS. Find a place and keep this booklet handy for future reference.

You are designed to function quietly and safely under normal circumstances. This quality Heater is fully portable, with a sturdy base and an industrial design.

Operation

When operated for the first time, the unit may emit an unpleasant burning type of smell. This is normal and will disappear after a short period of use.

1. Carefully remove the heater from the plastic bag and carton. Place the heater on a level surface in a stable upright position. Make certain the power switch is in the "OFF" position.
2. Unwind the power cord and plug your Industrial Heater into a socket outlet. Ensure that the voltage on the specifications plate is the same as in the areas where it will be used.
3. Switch on the heater to the heating level you prefer. Turn the thermostat dial fully in a clockwise direction to the maximum setting.

WARNING: Allow the heater to cool down for 30-60 seconds before switching on again and before turning off at the power outlet. This will protect the inner parts.

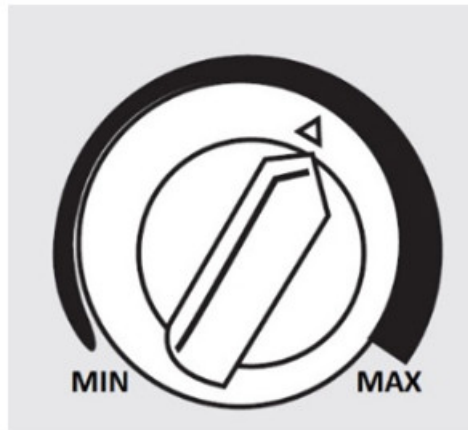
NOTE: It is normal when the heater is turned on for the first time or when they are turned on after having not been used for a long period of time to emit some smell and fumes. This will disappear when the heater has been on for a short while.



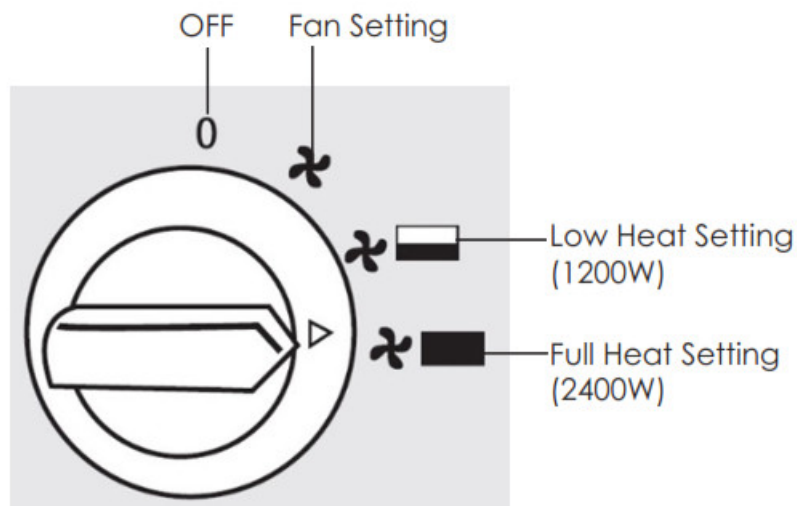
Replace any crack protective shield

Thermostat Dial


To find the ideal thermostat setting for you, first set the dial to the maximum position. As soon as the temperature is comfortable, turn the thermostat to the direction of minimum position slowly, until the heater heating goes off.




Heating & Worklight Power Switch Setting




FAN Setting

This switch engages both fan and heater, fan speed can not be altered and will always remain constant. To use this appliance like an air circulator Fan only, set the power switch to “” setting.

LOW Setting

The “” setting, powers 1200W to the heater elements. This setting is best suited to smaller, well-insulated areas that require less warming to maintain temperature.

HIGH Setting

The “” setting, powers full heat (2400W) to the heating elements; delivering rapid warming air to quickly increase the temperature in a given area. To avoid overload situations, it is recommended that no other appliances are used at the same time on the same power outlet.

10W LED Worklight

To turn the work light ON or OFF, press the rocker switch at the back of the heater. O=OFF I=ON.



Thermal Cut-Out

A Thermal Cut-Out is built into this heater to minimize the risk of overheating and maximize safety to users. A heat-sensing device monitors internal temperatures in the appliance. If heat levels rise beyond a preset safety threshold the Cut-Out will switch off power to the heat elements, eliminating further danger. Let the heater cool for approximately 10 minutes, then it will function normally again. In the event of a Thermal Cut-Out check for visible obstructions to air inlets. Try moving the appliance to a new position. Sometimes placement close to walls and furniture can restrict air movement enough to cause the heater to shut down.

Tip-Over Switch

This appliance is fitted with a safety tip-over switch which automatically turns the unit off when it is tilted or tipped over. Always ensure that the unit is placed on flat solid ground before operating. When operating the heater for the first time or after a period of prolonged storage it is normal for the heater to emit a burning smell, fumes, and a little smoke around the Heating elements. It requires only a few minutes of (“Burn In”) time for the smell, fumes, and smoke to disappear and this “Burn In” time should ideally be conducted in a well-ventilated area before moving the heater to its intended position for ongoing use.

Care and Cleaning

Always ensure the appliance has cooled completely before cleaning and maintenance.

- Always switch off the appliance and unplug it from the electrical socket and wait for it to cool down before cleaning. Ensure that the unit is cool enough to work on.
- Avoid contact with heat surface/parts.
- Use only a soft, damp cloth to clean the fan heater. Keep the fan heater clean.
- Never spray with liquids or submerge the appliance in water or any other liquid.
- Clean the air inlet/outlet grilles frequently.

Do not allow any objects to enter air inlet or outlet as this may cause electric shock, fire or damage to the heater.

- Do not use harsh chemicals or solvents to clean this product and avoid using abrasive cleaning agents. Use a slightly dampened, lint-free cloth to clean this appliance.
- Store the appliance in its original box to protect it from dust in a dry place if it will not be used for a long period of time. **Warning:** NEVER immerse the unit, power cord and plug in water or any liquid while cleaning and never allow water to drip into the appliance.

Disposal

Do not dispose of the packaging or the product through your household waste! The product and packaging are made from recyclable materials (plastics, metals, paper). If the product is no longer suitable for use dispose of it in an environmentally friendly manner in accordance with your local council regulations

Technical Specifications

Power Supply: AC 220-240V~ 50Hz Power Consumption: 2400W Dust proof & Waterproof protection rating class for Heater/work light: IP24 Worklight power supply & Brightness: 220-240V 50Hz 10W 750lm, 6500K NOTE: As a result of continual improvements, the design and specifications of the product within may differ slightly to the unit illustrated on the packaging.

Technical Information

IP Rating Chart

The IP Code (or Ingress Protection Rating, sometimes also interpreted as International Protection Rating) consists of the letters IP followed by two digits.



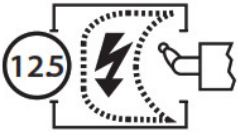
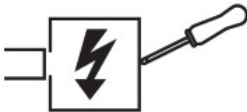



First Numeral

Protection against ingress of solid particles






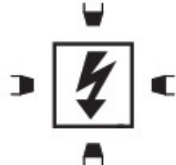
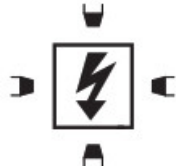
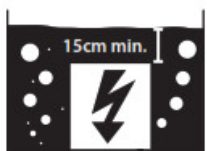



Second Numeral

Protection against the harmful ingress of water

IP	Requirements	Example	Protection of persons against access to hazardous parts with :
0	No protection		Non-protected
1	Full penetration of 50mm diameter sphere not allowed. Contact with hazardous parts is not permitted.		Back of hand
2	Full penetration of 12.5 mm diameter sphere not allowed. The jointed test finger shall have adequate clearance from hazardous parts.		Finger
3	The access probe of 2.5 mm diameter shall not penetrate.		Tool
4	The access probe of 1.0 mm diameter shall not penetrate.		Wire
5	Limited ingress of dust permitted(no harmful deposit).		Wire
6	Totally protected against the ingress of dust.		Wire

IP	Requirements	Example	Protection from water
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0	No protection		Non-protected
1	Protected against vertically falling drops of water. Limited ingress permitted.		Vertically dripping
2	Protected against vertically falling drops of water with the enclosure tilted 15° from the vertical. Limited ingress permitted.		Dripping up to 15° from the vertical
3	Protected against sprays to 60° from the vertical. Limited ingress permitted.		Limited spraying
4	Protected against water splashed from all directions. Limited ingress permitted.		Splashing from all directions
5	Protected against jets of water. Limited ingress permitted.		Hosing jets from all directions
6	Protected against strong jets of water. Limited ingress permitted.		Strong hosing jets from all directions
7	Protected against the effects of immersion between 15cm and 1m.		Temporary immersion
8	Protected against long periods of immersion under pressure.		Continuous immersion

This Chart is intended to be read in conjunction with AS60529. Degrees of protection are provided by enclosures for electrical equipment (IP Code). The symbols shown on this chart are for explanatory purposes only. They are not part of the IP Code and must not be used instead of the Code.

Warranty Conditions for purchase in Australia & New Zealand

Any claim under this warranty must be made within 2 years of the date of purchase of the product. To make a claim under the warranty in Australia, take the product (with proof of purchase) to any Bunnings Store (see www.bunnings.com.au in Australia or www.bunnings.co.nz in New Zealand for store locations).

GSM Retail Group bears reasonable, direct, expenses of claiming under the warranty in Australia. You may submit details and proof to a Bunnings store for consideration or contact our service agent below. This warranty is provided in addition to other rights and remedies you may have under law: our goods come with guarantees which cannot be excluded under the Australian Consumer Law (if purchased in Australia) or the Consumer Guarantees Act 1993 (if purchased in New Zealand). You are entitled to replacement or refund for a major failure and to compensation for other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. The warranty excludes damage resulting from product misuse or product neglect. The warranty covers domestic use only and does not apply to commercial applications.

This warranty is given by GSM Retail Group

ABN: 53007682475

For Warranty and technical queries: 1300 373 199 Aus Or 0800 200 037 NZ

Warranty Exclusions

Damage to the base or diffuser or any part through accident, misuse, or negligence.



GSM Retail Group

Consumer Service Centre :

Aus: 1300 373 199

NZ: 0800 200 037

GSM Retail Group has a policy of continual improvement throughout the product range. As such the unit contained within may differ slightly from the unit illustrated on the pack.

MADE IN CHINA for GSM Retail Group Mistral is a registered trademark of GSM Retail Group



Cat. No. MIFH0130BD

December 2020

Documents / Resources

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Manuals+.