

# evantair

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## **2400W Micathermic Heater**

### **INSTRUCTION MANUAL**

MODEL: MH-1205

AFTER SALES SUPPORT  
(AU) 1300 886 649 (NZ) 0800 836 761



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# Important Safety Instructions

**Read this manual thoroughly before first use**, even if you are familiar with this type of product. The safety precautions enclosed herein reduce the risk of fire, electric shock and injury when correctly adhered to. Make sure you understand all instructions and warnings. **Keep the manual in a safe place for future reference**, along with any warranty information, your purchase receipt and the original carton. If you sell or transfer ownership of this product, pass on these instructions to the new owner.

**Always follow basic safety precautions and accident prevention measures when using an electrical appliance, including the following:**

## Electrical Safety and Cord Handling

- **Voltage:** Before plugging in the heater, make sure your outlet voltage and frequency correspond to the voltage stated on the appliance rating label.
- **Electrical circuit:** To prevent overloading a circuit, do not plug the heater into a circuit that already has other appliances working.
- **No adaptor, no extension cord:** Do not use the heater with a power board or double adaptor as this may overheat and create a fire risk. Do not use it with an extension cord because the cord may overheat and cause a risk of fire.
- **WARNING: To reduce the risk of fire, electric shock or injury:**
  - Never touch the heater with wet or damp hands or feet.
  - Do not use the heater if any part of it has become wet. Immediately call a qualified service technician to inspect the heater and replace any part of the electrical system that has been wet.
  - Never spill liquid into the heater; never immerse the cord, plug or any part of the appliance in water or any other liquid. Do not reach for an appliance that has fallen into water. Switch off and unplug immediately.
- **Damage:** Do not operate the heater with a damaged cord or plug, or after the heater malfunctions or has been dropped or damaged. If the supply cord is damaged, it must be replaced by the manufacturer or an authorised service agent in order to avoid a hazard. Contact our after sales support line to arrange an examination and/or repair.
- **Plug:** It is normal for the plug to feel warm to the touch; however, a loose fit between the AC outlet and plug may cause overheating and distortion of the plug. Contact a qualified electrician to replace a loose or worn outlet.
- **Protect the power cord:**
  - Do not twist or kink the cord or let it touch heated surfaces.
  - Do not put any stress on the cord where it connects to the product.
  - Arrange the cord away from any traffic area so no one will trip over it.
  - Do not run the cord under carpeting; do not cover it with rugs, runners etc.
  - Only operate the heater with the power cord fully unwound. Using it with the cord coiled up could cause overheating and present a hazard.

# Important Safety Instructions (Cont.)

- **After use:** Always disconnect power when the heater is not in use and before cleaning, servicing or moving the heater. To disconnect the heater, switch it off and remove the plug from outlet. When disconnecting, grip the plug, do not pull on the cord.
- **Safety switch:** Unless your home is already fitted with a residual current device (safety switch), we recommend installing an RCD with a rated residual operating current not exceeding 30mA to provide additional safety protection when using electrical appliances. See your electrician for professional advice.

## Usage Conditions and Restrictions

- **Indoor domestic use only:** This appliance is intended for light domestic use only. It is not suitable for heavy duty commercial or trade use. Do not use it outdoors, on wet surfaces or near a swimming pool.
- **Space heating only:** Do not use this appliance for anything other than its intended purpose, and only use it as described in this manual. Any other use is not recommended and may cause fire, electric shock or injury.
- **No clothes drying:** Do not use this appliance as a drying rack for clothing.
- **Accessories:** The use of accessory attachments not recommended by the appliance distributor may result in fire, electric shock or personal injury.
- **Ventilation:** Only use this heater in a well ventilated area.
- **Keep openings clear:** To prevent a possible fire, do not insert or allow objects to enter any ventilation or exhaust openings. Keep airflow grilles free of dust and hair build-up, especially if you have indoor pets. Do not block air intakes or exhaust openings in any manner.
- **WARNING: No external timer!** Never operate the heater on a program switch, separate timer switch or any other appliance for automatic operation, as there is a risk of fire if the heater is covered or positioned incorrectly. In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, do not connect it to a circuit that is regularly switched on and off by the utility.
- **WARNING: Protect from water:** Do not use this heater in the immediate surroundings of a bath, shower or swimming pool. Never locate this appliance where it may fall into a bathtub or otherwise become immersed in water.
- **Usage restriction:** 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 a person responsible for their safety.

# Important Safety Instructions (Cont.)

- **Children:** Supervise children to ensure they do not play with the heater. Close supervision is necessary when any appliance is used by or near children.
- **Unattended:** Do not leave the appliance unattended while it is in use.
- **CAUTION: Hot!** Accessible parts of this heater can become very hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Be particularly careful when children and vulnerable persons are present. Always let the heater cool down before touching it, even if it is unplugged from the power supply.
- **To ensure personal safety, do NOT install or use this heater:**
  - In front of or immediately below a power point.
  - Close to a radiant heat source.
  - Behind a door.
  - On long pile carpet or a flokati rug.
  - Near a window where it may get splashed with rain.
  - Near flammable materials or surfaces (such as furniture, curtains, pillows, bedding, papers, clothes), or near open flames. Keep flammable materials at least 1m away from the front, sides and rear of the heater.
  - In an area where petrol, paint or other flammable liquids are stored, e.g. a garage or workshop, as the heater has hot and arcing parts inside which may spark.
- **Bathroom usage:** If this heater is used in a bathroom, it must be installed at a safe distance from the bath or shower. The heater must be installed so that a person in the bath or shower is unable to touch the control. Any power outlet in a bathroom must be located 3m from a bath or shower.
- **Ingress protection:** This heater has a ingress protection rating of IP24, which means it is protected against ingress of solid objects up to 12mm (e.g., fingers), and against water sprays from all directions.
- **Service:** This heater contains no user-serviceable parts inside. Do not attempt to open and repair the heater yourself. Other components should only be serviced by a qualified technician. All covers are intended to prevent direct access to the heating elements and must be in place when the appliance is in use.
- **Malfunction:** In case of malfunction, disconnect the plug immediately and contact our after sales support line for advice.
- **Storage:** To avoid damaging the heater during storage or transport, keep the heater in a dry place, free from excessive vibration.
- **Improper use:** Improper use or installation may result in the risk of fire, electric shock and/or injury. We assume no liability for any eventual damages caused by improper use or incorrect handling.



**DANGER! Do not cover** the heater in any manner as it may overheat and become a fire risk.

# Product Overview



## Parts of the Heater

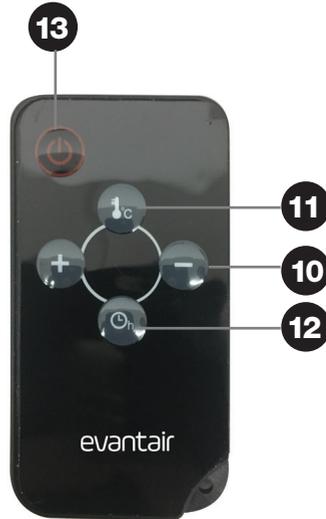
- 1 Top Air Outlet
- 2 Safety Grille
- 3 Micathermic Heating Elements (5)
- 4 Digital LED Display
- 5 Control Panel
- 6 Wrap Around Cord Storage
- 7 Power Switch [ I / O ] (at the back, not visible here)
- 8 Power Cord and Plug (not visible here)
- 9 Castor Wheel Assemblies (supplied separately in the carton)

# Product Overview (Cont.)

## Control Panel



## Remote Control



## Remote and Control Panel Buttons and Indicators

- 10 [ - / + ] Buttons
- 11 Temperature Button
- 12 Timer Button
- 13 ON/OFF ⏻ Button

### Installation hardware (not shown)

4x Small Screws (for castor wheel assembly)

### NOTE:

Due to continued product improvement, images and illustrations in this manual may vary slightly from the product purchased. All images in this manual are for reference purposes only. Parts are not necessarily pictured to scale.

# Getting Started

## Unpacking

- **Carton:** This product has been packaged to protect it against transportation damage. Unpack the appliance and keep the original packaging carton and materials in a safe place. It will help prevent any damage if the product needs to be transported in the future, and you can use it to store the appliance when it is not in use. In the event the carton is to be disposed of, please recycle all packaging materials where possible.
- **Plastic wrapping** can be a suffocation hazard for babies and young children, so ensure all packaging materials are out of their reach and disposed of safely.
- **Cord:** Inspect the power supply cord and plug, and all other parts of the appliance, for visual damage. Do not use the appliance if anything appears to be damaged or not working properly. **In case of damage, contact our after sales support centre using the details at the bottom of the page.**
- **Documentation:** Make sure you have read and understood all instructions and warnings in this manual. Refer to the Product Overview, on pages 6–7, to familiarise yourself with the product and identify all parts. Pay particular attention to the safety instructions on the previous pages.
- **Assembly:** Your new Micathermic Heater must be used freestanding, in the upright position, with both castor wheel assemblies securely attached. Wheel assembly instructions follow on the next page.
- **Remote control:** The heater comes with a remote control powered by a 3V lithium button cell (CR2025), which is contained inside the remote control. Before operation, please remove the plastic tab so the battery contacts are activated. Simply pull to remove. See page 13 for how to replace the battery.



DANGER if swallowed

### WARNING!

Keep batteries out of reach of children. Swallowing may lead to serious injury or death in as little as 2 hours due to internal burns.

**If swallowed, go straight to a hospital emergency room.**

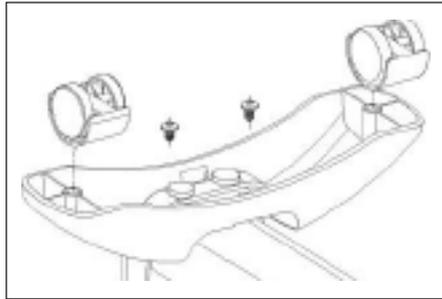
Dispose of used batteries immediately.

# Getting Started (Cont.)

## Castor Wheel Assembly

The heater comes packaged with the castor wheel assemblies detached. Each castor wheel assembly consists of a moulded stand foot and two castor wheels. Before you can use the heater you must attach the wheel assemblies following the instructions below.

- Place a soft towel on a table or benchtop and carefully place the heater upside down. Be gentle so you won't damage the heater.
- Position each castor wheel assembly to the base of the heater at each side, as pictured below.
- Attach the wheel assemblies with the screws provided, securing them tightly to the base.
- When both castor wheel assemblies are securely fitted, turn the heater the right way up.



### **WARNING!**

- Do not operate the heater without the castor wheels attached.
- Only operate the heater in an upright position (castor wheels on the bottom), any other position could create a hazard.
- Do not connect the heater to the power supply until the castor wheels are securely fitted.

# Operating Instructions

## Using the Heater

Before switching on the heater for the first time, check it again to be sure the castor wheel assemblies are securely attached.

When turning your heater on for the first time it is normal for the heater to emit a 'new heater' smell, which will quickly pass. This is no cause for concern. Ensure good ventilation.

## Location

- Place the heater in an upright position on a firm, level, dry and heat-resistant floor surface, taking into considering all relevant safety information on the previous pages. The appliance is for floor-standing use only.
- Ensure that there is sufficient distance from the wall, fixtures and other appliances. The distance must be at least 1m to exclude the risk of fire.

## Connection

- Make sure the POWER switch is in the OFF [ O ] position, then plug the heater into an appropriate power point and switch on power to the outlet.
- Always use a separate socket that has no other high wattage appliances connected at the same time – do not plug it into a power board or socket adaptor; do not use an extension cord.

## Switch on

- Once the plug is securely inserted, switch the heater on at the POWER switch [ I / O ] at the back of the panel. The LED display will light briefly and the Power On indicator will remain lit on the display.
- Press the ON/OFF  button (on the control panel or remote control) to switch on the heater. The LED display will show the room temperature and both power level indicators will be lit in the right hand corner of the display.

## Power level selection

- The heater can be run with full or half power, which can be selected with the [ - ] and [ + ] buttons.
- **Half Power:** Only the small indicator is lit in the right hand corner of the LED.
- **Full Power:** Both indicators will be lit in the right hand corner of the LED.

# Operating Instructions (Cont.)

## Thermostat control

- To set the thermostat, press the TEMPERATURE button, then press the [ - ] or [ + ] buttons to set the target temperature (within the 5°C to 36°C range).
- On the LED display, the target temperature will start flashing for 5 seconds before it will show the room temperature again.
- When the set temperature has been reached, the heater will cycle on and off and maintain the set temperature.

## Timer setting

- Press the TIMER button to set the off-timer. The timer indicator (clock symbol) will illuminate.
- Use the [ - ] or [ + ] buttons to set the time, in ½-hour steps, after which you want the heater to stop heating. The timer range is 0–18 hours. The timer countdown will start after a few seconds.

## Turning off

- Press the ON/OFF  $\odot$  button to turn off the heater or cancel a setting.
- Press the POWER [ I / O ] button at the side to switch off the heater.
- When the heater is not going to be used for a while, unplug it from the mains and wrap the cord around the cord storage area at the side.

## Safety features

- The heater has a **tip-over safety switch**, which will turn off the heater if it is knocked over or if it is not in the upright position. It will start working again as soon as the unit is placed upright. But take extreme care when standing the heater upright as it will still be hot. Inspect it for damage, especially to the heating elements and supply cord. Do not operate the heater if any damage is visible.
- The unit is equipped with an **overheat protection mechanism** which shuts off the heater automatically in case of overheating. The most common cause of overheating is deposits of dust or fluff in the appliance. Ensure these deposits are removed regularly by unplugging the appliance and vacuum cleaning air vents and grilles.

Should the overheat protection be triggered, switch off the heater at the POWER switch [ I / O ], then unplug it and let it cool down for 30 minutes. Remove any obstruction. Plug the heater in again and operate as normal, making sure that there is sufficient room all around the heater, and nothing is covering or obstructing the air outlet or intake.

# Other Useful Information

**CAUTION!**

Always switch off and disconnect the appliance from the power supply before attempting any maintenance or cleaning the heater.

## Troubleshooting

If your heater fails to operate, or you experience any other problem with the appliance, contact our after sales line for advice or to arrange a service. But before phoning for a service, please ensure that:

- Your heater is properly plugged in.
- The outlet is working and the circuit breaker or fuse are also working properly.

## Cleaning and Maintenance

The heater requires regular cleaning to ensure trouble-free operation.

- Before cleaning your heater, switch off the heater and allow it to cool. Disconnect the electricity supply to the appliance.
- Use a vacuum cleaner to remove dust and fluff from around the grilles.
- Use a damp cloth (not wet) to wipe the exterior of the heater to remove dust and dirt. Allow some time for the heater to dry thoroughly before reconnecting it to the power supply.
- **Do not use detergents, abrasive cleaning powders or furniture polish.**
- **Do not immerse the cord, plug or heater in water or other liquid for cleaning. Do not allow water to enter the heater.**

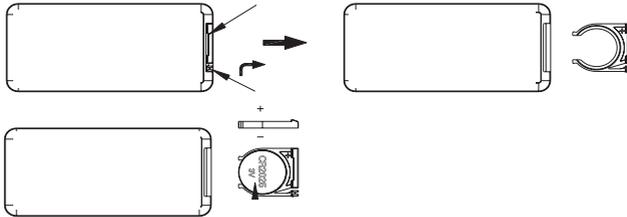
## Storage

- If you are not going to use the heater for an extended period of time, unplug it from the power supply and wrap the cord around the cord storage at the side of the heater.
- Store the heater in its original carton (or cover it with some material) to protect it from dust.
- Store the heater in a cool, dry place, out of children's reach.

# Other Useful Information (Cont.)

## Battery Replacement

If the battery in the remote control is flat, insert a new 3V CR2025 size button cell following the instructions below.



Push the locking tab to one side and pull out the battery compartment at the back side of remote control. Remove the old battery from the remote control and insert a new one of the same type, observing the polarity, as illustrated above. Insert the battery compartment cover back into the remote control.

## Battery precautions



DANGER if swallowed

### WARNING!

Keep batteries out of reach of children. Swallowing may lead to serious injury or death in as little as 2 hours due to internal burns. If swallowed, go straight to a hospital emergency room. Dispose of used batteries immediately.

- Do not open the batteries or short-circuit them.
- Do not mix different types of batteries. Due to increased risk of leakage, empty batteries should be removed. The batteries should also be removed from the remote control if it is not being used for long periods.
- Only dispose of batteries when they are fully discharged.
- **WARNING: Danger of explosion!** To prevent a risk of explosion, batteries must not be charged, heated or disposed of by burning. Never throw batteries into a fire or subject batteries to high temperatures.
- Used batteries should not be disposed of in household waste. Dispose of them in accordance with statutory regulations.

# Other Useful Information (Cont.)

## Servicing

- If your heater requires servicing, please contact our after sales support centre using the details at the bottom of the page.
- If the power cord is damaged and needs replacing, it must be replaced by a service agent or equivalent qualified person in order to prevent a hazard.

### CAUTION!

Do not attempt to open the heater and repair it yourself. Any repairs must be carried out by a qualified technician.

## Technical Specifications

Model No	MH-1205
Rated Power	2200 – 2400W
Rated Voltage	220-240V ~ 50-60Hz
Heat Settings	Setting 1: 1400W Setting 2: 2400W
Ingress Protection	IP24 -- protected against ingress of solid objects up to 12mm (e.g., fingers), and against water sprays from all directions
Dimensions (with castor wheels)	665 (H) x 645 (W) x 245 (D) mm
Weight	approx. 4.3kg

## Compliance

This appliance has been fully tested and meets all requirements as set out by standards AS/NZS 60335.1 and AS/NZS 60335.2.30.

## Responsible Disposal

At the end of its working life, do not throw this appliance out with your household rubbish. Electrical and electronic products contain substances that can have a detrimental effect on the environment and human health if disposed of inappropriately. Observe any local regulations regarding the disposal of electrical consumer goods and dispose of it appropriately for recycling. Contact your local authorities for advice on recycling facilities in your area.



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## Warranty

We pride ourselves on producing a range of quality home appliances that are both packed with features and completely reliable. We are so confident in our products, we back them up with a **2 year warranty**. Now you too can relax knowing that you are covered.

Customer Helpline NZ: 0800 422 274

This Product is covered by a **2 year warranty** when accompanied by proof of purchase.

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