

*Sunbeam*

# Micro Furnace

## Ceramic Disc Heaters

### Instruction Booklet

This book covers the use and care of the following Micro Furnace heaters:

MF2000 2000W Micro Furnace Ceramic Disc Heater

MF1500 1500W Micro Furnace Ceramic Disc Heater

Please read these instructions carefully  
and retain for future reference.



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تأكد من تفهيم احتياطات السلامة المذكورة اعلاه

請務必理解上述的安全預防措施。

Assurez-vous que les précautions ci-dessus relatives à la sécurité sont bien comprises

Versichern Sie sich daß die obenstehenden Sicherheitsmaßnahmen Verstanden werden

Βεβαιώνετε πως οι παραπάνω προφυλάξεις ασφαλείας γίνονται κατανοητές

Pastikan bahwa tindakan-tindakan keselamatan seperti di atas dimengerti anda

Accertatevi che le suddette norme di sicurezza siano comprese a dovere

上記の注意事項をよくお読みになり、安全を御確認ください

Уверете се дека погоре споменатите мерки на претпазливост се добро разбрани

Asegúrese de que las precauciones de seguridad precedentes sean bien comprendidas

کاری یکنید که احتیاطهای بالا حتماً درک بشوند

ต้องแน่ใจว่า ข้อควรระวังเรื่องความปลอดภัยข้างต้น เป็นที่เข้าใจกันดี

Yukarda belirtilen güvenlik önlemlerinin anlaşıldığından emin olunuz

Xin kiểm chắc rằng những biện pháp làm an toàn kể trên được hiểu rõ

# Sunbeam's Safety Precautions

**Sunbeam are very safety conscious when designing and manufacturing consumer products, but it is essential that the product user also exercise care when using an electrical appliance. Listed below are precautions which are essential for the safe use of an electrical appliance:**

- Read carefully and save all the instructions provided with an appliance.
- Always turn the power off at the power outlet before you insert or remove a plug. Remove by grasping the plug - do not pull on the cord.
- Turn the power off and remove the plug when the appliance is not in use and before cleaning.
- Do not use your appliance with an extension cord unless this cord has been checked and tested by a qualified technician or service person.
- Always use your appliance from a power outlet of the voltage (A.C. only) marked on the appliance.
- Close supervision is necessary when your appliance is being used near children or infirm persons.
- Never leave an appliance unattended while in use.
- Young children should be supervised to ensure that they do not play with the appliance.
- Do not use an appliance for any purpose other than its intended use.
- Do not place an appliance on or near a hot gas flame, electric element or on a heated oven. Do not place on top of any other appliance.
- Do not let the power cord of an appliance hang over the edge of a table or bench top or touch any hot surface.
- For safety reasons and to avoid maintenance by unskilled persons, some appliances are 'sealed' using tamperproof screws. Such appliances should always be returned to the nearest Sunbeam Appointed Service Centre for adjustment or repair if required.
- Do not operate any electrical appliance with a damaged cord or after the appliance has been dropped or damaged in any manner. If damage is suspected, return the appliance to the nearest Sunbeam Appointed Service Centre for examination, repair or adjustment.
- For additional protection, Sunbeam recommend the use of a residual current device (RCD) with a tripping current not exceeding 30mA in the electrical circuit supplying power to your appliances.
- Do not immerse the appliance in water or any other liquid unless recommended.

If you have any concerns regarding the performance and use of your appliance, please visit [www.sunbeam.com.au](http://www.sunbeam.com.au) or contact the Sunbeam Consumer Service Line. Ensure the above safety precautions are understood.

# Sunbeam's Safety Precautions

- This heater becomes hot during use. To avoid burns, do not let bare skin touch hot surfaces. If provided, use handles when moving this heater. Keep combustible materials such as furniture, pillows, bedding, papers, clothes and curtains at least 3 feet (90cm) away from the front of the heater and keep them away from the sides and rear.
- Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left unattended.
- Always unplug the heater when not in use.
- Do not use outdoors.
- Do not run the cord of the heater under carpeting. Do not cover the cord with throw rugs, runners or other floor coverings. Arrange the cord away from traffic areas where it will not be tripped over.
- Do not locate the heater immediately below a socket outlet.
- Do not use this heater in the immediate surrounds of a bath, shower, laundry area or swimming pool.
- Do not insert or allow foreign objects to enter any ventilation or exhaust openings as this may cause electric shock or fire, or damage to the heater.
- To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, such as beds, where opening may become blocked.
- A heater has hot and arcing or sparking parts inside. Do not use it in areas where petrol, paint or flammable liquids are used or stored.

Important instructions – retain for future use.

If you have any concerns regarding the performance and use of your appliance, please visit [www.sunbeam.com.au](http://www.sunbeam.com.au) or contact the Sunbeam Consumer Service Line. Ensure the above safety precautions are understood.

# Sunbeam's Total Safety System

## **Safety auto shut off**

Your Sunbeam Micro Furnace Heater is equipped with a safety system that detects any abnormally high temperatures within the heater and automatically shuts it off to prevent overheating. This first stage of the safety system requires the user to manually reset the heater for it to resume operation. For instructions on how to reset your heater, see page 6.

## **Thermal back-up fuse**

In addition to this automatic cut off, your heater contains a thermal back-up fuse to provide additional back-up protection. If the heater is in an overheat situation, the back-up fuse will open, stopping the power flow to the ceramic heating discs and fan. This fuse cannot be reset, so in the event that the back-up fuse is activated, the heater will need to be replaced.

# Features of your 2000W Micro Furnace heater

## Electronic thermostat

The electronic thermostat works with the external temperature sensor to maintain your selected temperature. It constantly monitors the room's temperature and continuously varies the heat output to maintain your desired comfort level.

## Ceramic disc heating system

Each ceramic disc contains 1200 honeycomb shaped holes that heat all of the air that passes through them, generating up to 40% more warmth than conventional coil or ceramic chip heaters.

## External temperature sensor

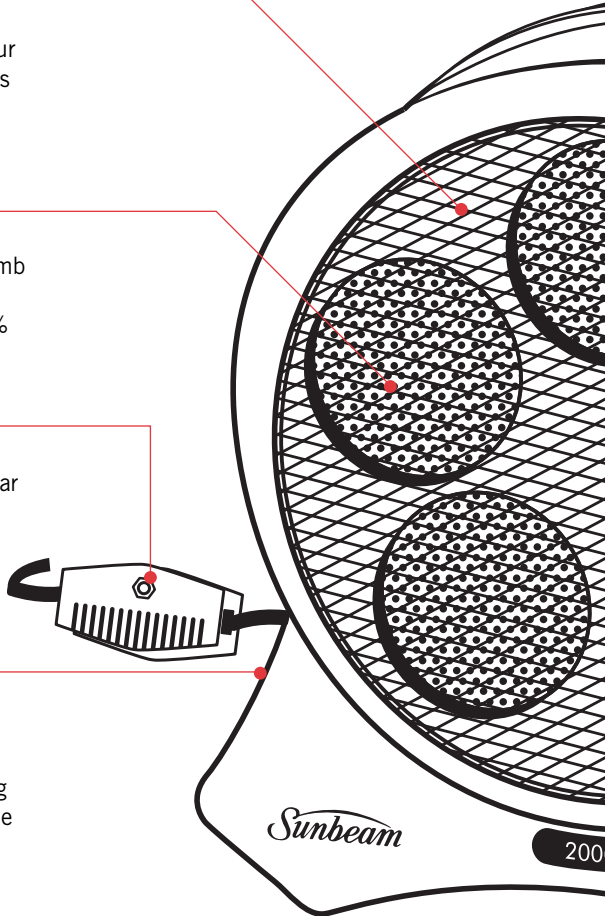
The temperature sensor is located at the rear of the unit, not inside the heater itself, to ensure accurate temperature measurement. It detects even the slightest change in the room's temperature, and communicates this to the electronic thermostat.

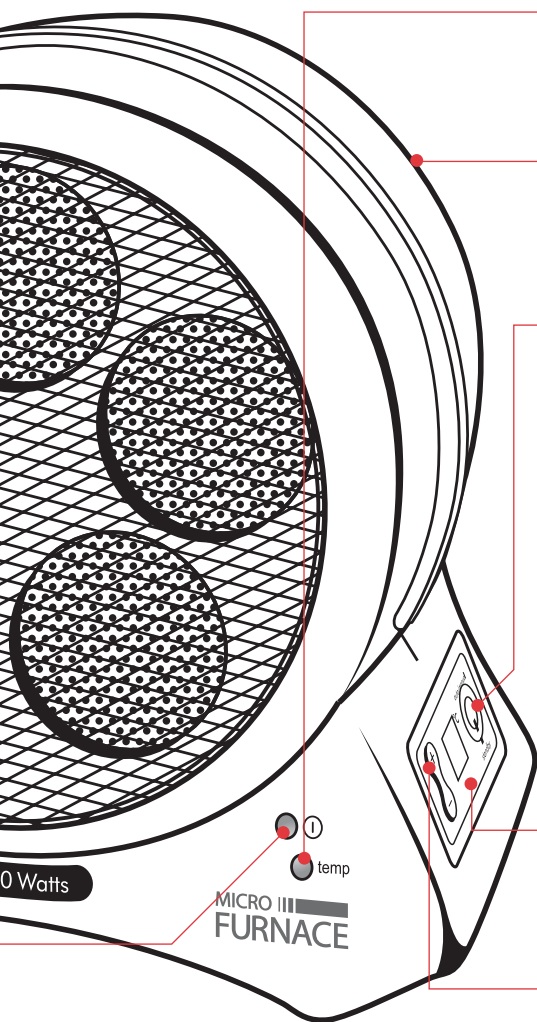
## Tip over cut-out

Should your heater accidentally be knocked over, the instant tip over cut will automatically interrupt power to the heating element and fan. The heater will not resume operation until it is replaced in the upright position.

## Power/Mode light

The power light illuminates amber to indicate that the heater is connected to the power outlet and is set to AUTO mode. It illuminates green when the heater is set to MANUAL mode.





### **Temperature light**

The temperature light illuminates red once the selected temperature level is reached.

### **Removable dust filter**

The filter collects dirt and dust from the air circulating through the heater. It is removable for easy cleaning.

### **Mode/Standby button**

Use the standby button to select the desired operating mode. Pressing the standby button once selects the AUTO mode, twice selects the MANUAL mode, and pressing a third time selects the STANDBY mode.

### **AUTO mode**

Select AUTO mode for thermostatically controlled operation.

### **MANUAL mode**

Select MANUAL mode for constant heat output at your desired heat level, from setting 1 to 5.

### **LED screen**

The LED screen displays the ambient room temperature, and the selected setting during adjustment.

### **+ and - buttons**

Use the + and – buttons to adjust the selected temperature when in AUTO mode, or to select the desired heat setting when in MANUAL mode.

# Features of your 1500W Micro Furnace heater

## Mode dial

Use the mode dial to select the desired operating mode: FAN to circulate cool air; HEAT to operate the heater, or OFF.

## Thermostat dial

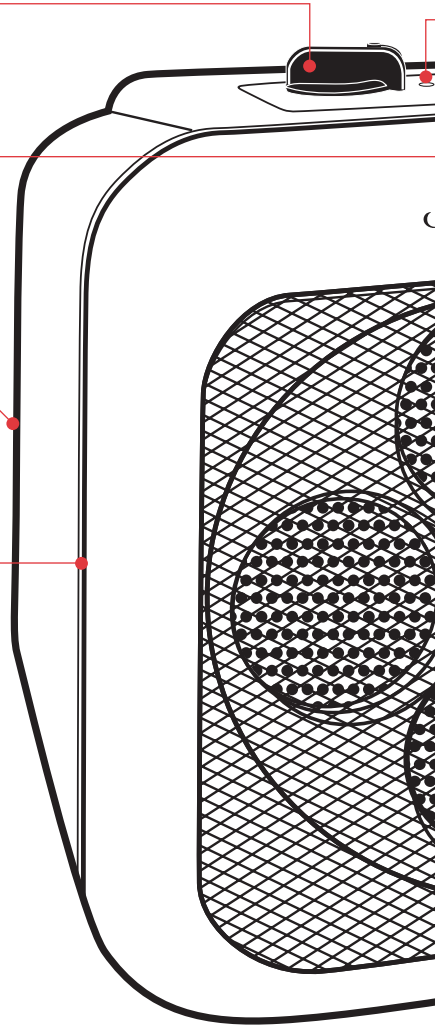
Use the thermostat dial to select the desired temperature, from 10°C to 27°C. Once the selected temperature level is reached, the thermostat will constantly adjust the heat output to maintain it.

## Tip over cut-out

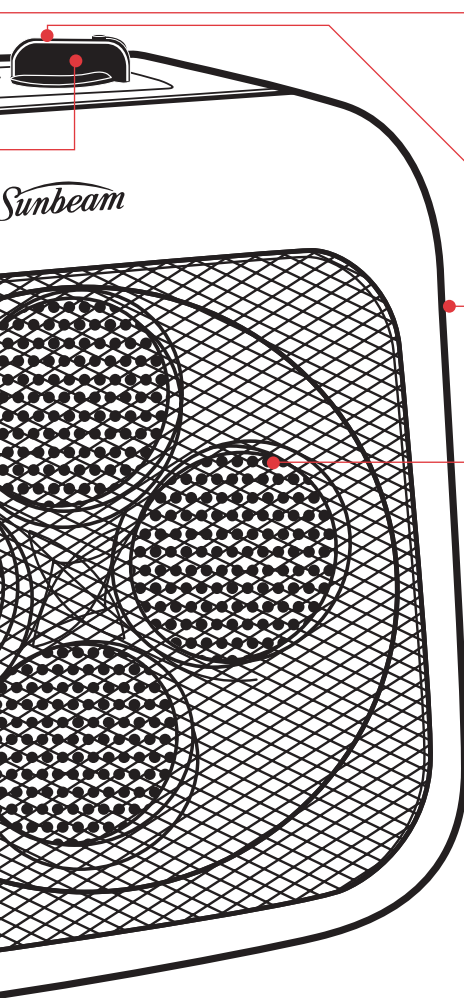
Should your heater accidentally be knocked over, the instant tip over cut will automatically interrupt power to the heating element and fan. The heater will not resume operation until it is replaced in the upright position.

## Electronic thermostat

The electronic thermostat constantly monitors the room's temperature and adjusts the heat output to maintain your selected temperature.







**Power light**

Illuminates to indicate that the heater is connected to the power outlet and is switched on.

**Temp limit light**

Illuminates to indicate that the room has reached the selected temperature.

**Removable dust filter**

The filter collects dirt and dust from the air circulating through the heater. It is removable for easy cleaning.

**Ceramic disc heating**

Each ceramic disc contains 1200 honeycomb shaped holes that heat all of the air that passes through them, generating up to 40% more warmth than conventional coil or ceramic chip heaters.

# Using your heater

## MF2000 Micro Furnace Ceramic Disc Heater

1. Place the heater on a flat level surface, approximately 1 metre from any wall or other objects such as furniture, curtains, plants or combustible material, and ensure that the air intake and outlet are clear of obstructions.

Note: For most efficient heating, place the heater on the floor where the air is cooler, near an outside door, the bottom of a staircase, or where colder air is most likely to be entering the room.

2. Insert the plug into a 230-240V power outlet and turn the power on. The red power light will illuminate and the screen will display the ambient room temperature.
3. Press the Standby button to select the desired operating mode. Press it once to select the AUTO mode, or twice to select MANUAL mode.
4. In AUTO mode, use the + and – buttons to select the desired temperature.

The selected temperature (in degrees celsius) will flash several times to indicate that it is set. The screen will then return to displaying the current room temperature. The thermostat will continue to vary the heat output to maintain your selected temperature.

5. In MANUAL mode, use the + and – buttons to select the desired heat setting, from H1 to H5. The selected setting will flash several times to indicate that it is set. The screen will then return to displaying the room temperature. The heater will operate constantly at the selected heat level, without monitoring the room temperature.
6. To switch between operating modes or turn the heater off, press the standby button.
7. Switch the power off at the power outlet and unplug the heater when not in use.

## Using your heater (continued)

### MF1500 Micro Furnace Ceramic Disc Heater

1. Place the heater on a flat level surface, approximately 1 metre from any wall or other objects such as furniture, curtains, plants or combustible material, and ensure that the air intake and outlet are clear of obstructions.  
Note: For most efficient heating, place the heater on the floor where the air is cooler, near an outside door, the bottom of a staircase, or where colder air is most likely to be entering the room.
2. Insert the plug into a 230-240V power outlet and turn the power on. The power light will illuminate.
3. To operate the heater, select HEAT on the mode dial. Rotate the thermostat dial to select the desired temperature setting. Once the selected temperature level has been reached, the thermostat will constantly vary the heat output to maintain it.
4. To operate the fan, select FAN on the mode dial. Rotate the thermostat dial to minimum.
5. To switch the heater off, select OFF on the mode dial.
6. Switch the power off at the power outlet and unplug the heater when not in use.

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## Care and cleaning

Ensure the heater is switched off and disconnected from the power outlet before cleaning.

Carefully wipe the exterior of the heater with a soft damp cloth and dry thoroughly.

### **Cleaning the dust filter**

The dust filter collects dirt and dust from the air circulating through the heater.

To clean the filter, remove from the unit and rinse under warm water. Allow to dry completely before replacing on the heater.

### **Storage**

Store your heater in a cool dry place when not in use. Store the heater in its carton if possible.

The Sunbeam logo is written in a white, elegant cursive font on a red rectangular background.

## Consumer Hotline

Australia

1800 025 059

New Zealand

(09) 912 0747

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For more information or advice on this or any other Sunbeam appliance, visit [www.sunbeam.com.au](http://www.sunbeam.com.au) or contact the Sunbeam Consumer Service Line.

**Australia 1800 025 059**

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