

Sunbeam

Convection Plus Heaters

Instruction Booklet

HE3100 1200W heater with micathermic elements

HE3900 2200W heater with micathermic elements

Please read these instructions carefully
and retain for future reference.



Contents

Sunbeam's Safety Precautions	1
Sunbeam's Total Safety System	3
Features of your HE3100 Convection Plus Heater	4
Features of your HE3900 Convection Plus Heater	6
Using your Convection Plus Heater – HE3100	8
Using your Convection Plus Heater – HE3900	9
Wall Mounting and Attaching the Wheels	11
Care and Cleaning	12

Important instructions – retain for future use.

تأكد من تفهم 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 بکنید کہ 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.
- This appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible adult to ensure that they can use the appliance safely.
- Young children should be supervised to ensure that they do not play with the appliance.
- Never leave an appliance unattended while in use.
- 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 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 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.
- To prevent overheating, do not cover the heater.
- When turned on for the first time, your new heater will emit a slight odour for up to 8 hours. This is due to the initial heating of the materials used. It is safe, not detrimental to the performance of the heater and will not reoccur. Sunbeam advises that the heater be placed in a well ventilated area during this period.

If you have any concerns regarding the performance and use of your appliance, please visit 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 Convection Plus Heater is equipped with a safety system that detects any abnormally high temperatures within the heater and automatically cuts power to the heating element, preventing overheating. Once the heater has cooled it will automatically resume normal operation.

Thermal back-up fuse

In addition to this automatic shut-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 heating element. This fuse cannot be reset, so in the event that the back-up fuse is activated, the heater will need to be replaced.

Instant tip-over cut-out

Your Sunbeam Convection Plus Heater is also equipped with an instant tip over cut-out switch. This switch automatically interrupts the power flow to the heating element when the heater is tilted to a certain angle. If the heater is tipped over, it will not turn on until it has been placed back in the upright position.

Note: The tip over cut-out switch will activate when the heater is tilted forward, backward or sideways. Care should be taken to ensure your heater remains upright at all times.

Features of your HE3100 Convection Plus Heater

Double heat micathermic elements

The revolutionary micathermic heating elements produce both radiant and convection heat. Instant heat radiates from the large surface area in one minute, while natural convection circulates warm air around the room quickly and evenly.

Wall mountable

The slim design is ideal for wall mounting. The unique reflective design keeps the rear of the heater cooler, enabling it to be mounted directly onto the wall, without the clearance required by other panel heaters.

Safety auto shut-off

This built-in safety system detects any abnormally high temperatures within the heater and automatically switches it off to prevent overheating.

Handle and wheels

Wheels and a handle at the rear of the unit allow you to safely move the heater while in use.

Instant tip over cut-out

The instant tip over cut-out switch automatically cuts the power flow to the heating element if the heater is tipped over. The heater will not resume operation until it is replaced in the upright position.

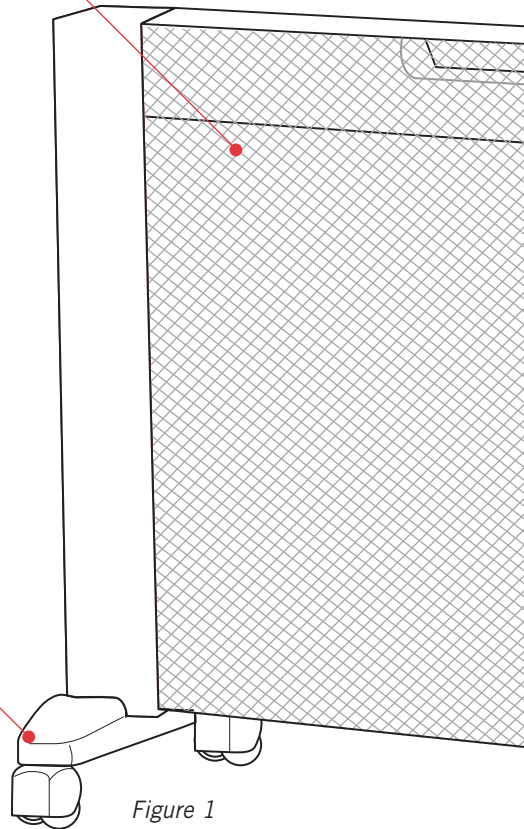
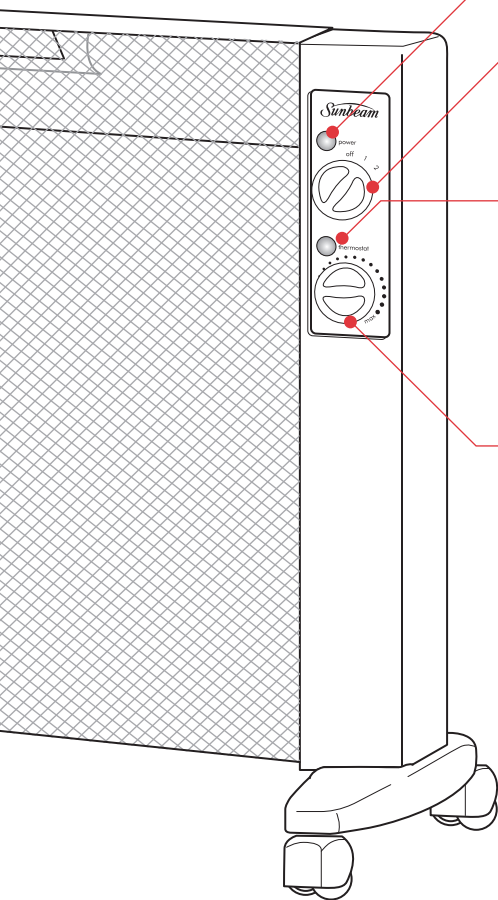


Figure 1



Power ON light

Illuminates to indicate that the heater is switched on.

Mode dial

Turn the mode dial to select your desired setting: OFF, LOW (1) or HIGH (2).

Thermostat indicator light

The red thermostat light indicates that the heater is warming up to the selected temperature and will go out when the selected temperature has been reached.

Thermostat dial

Turn the thermostat dial clockwise to select your desired temperature.

Adjustable thermostat

The adjustable thermostat allows you to set the temperature to your desired comfort level.

Once the selected heat level is reached, the heater will automatically cycle on and off to maintain it.

Dimensions

When the wheels are attached, your HE3100 Convection Plus heater is approximately:

(L)620 x (W)245 x (H)510mm

Features of your HE3900 Convection Plus Heater

Double heat micathermic elements

The revolutionary micathermic heating elements produce both radiant and convection heat. Instant heat radiates from the large surface area in one minute, while natural convection circulates warm air around the room quickly and evenly.

Safety auto shut-off

This built-in safety system detects any abnormally high temperatures within the heater and automatically switches it off to prevent overheating.

Instant tip over cut-out

The instant tip over cut-out switch automatically cuts the power flow to the heating element if the heater is tipped over. The heater will not resume operation until it is replaced in the upright position.

Handle and wheels

Wheels and a handle at the rear of the unit allow you to safely move the heater while in use.

Wall mountable

The slim design is ideal for wall mounting. The unique reflective design keeps the rear of the heater cooler, enabling it to be mounted directly onto the wall, without the clearance required by other panel heaters.

Adjustable thermostat

The adjustable thermostat allows you to set the temperature to your desired comfort level. Once the selected heat level is reached, the heater will automatically cycle on and off to maintain it.

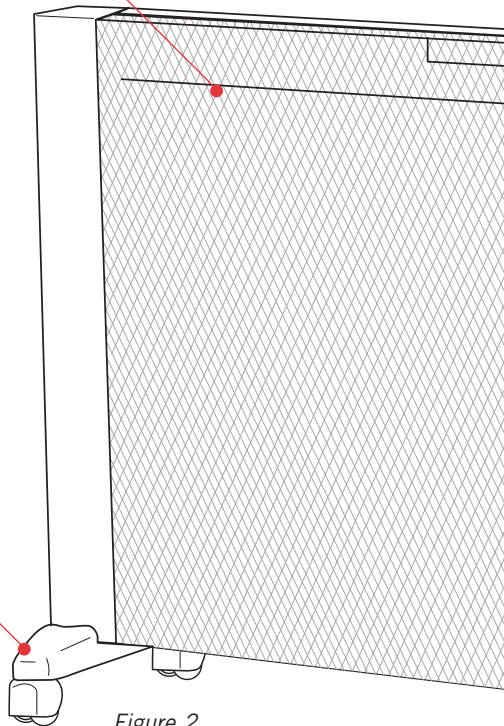


Figure 2



Figure 3

Remote control

The easy to use remote control enables the heater to be operated from anywhere in the room.

LED screen

The LED screen displays the current settings including the ambient room temperature, the selected mode, or timer setting.

ON/OFF switch

Illuminates to indicate that the heater is switched on.

Mode button

Press the mode button to select your desired operating mode: STANDBY, LO, HI or AUTO. Select the AUTO mode when setting the digital thermostat.

Timer button

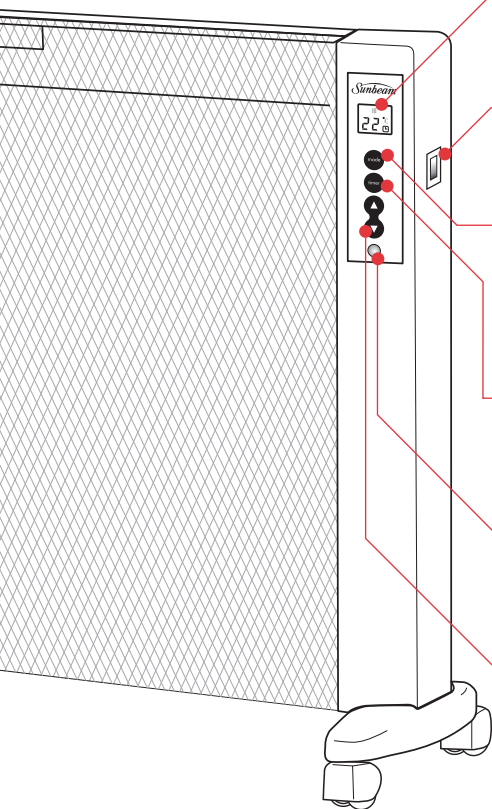
The timer button allows you to program the heater to automatically switch on or off after a desired time period. It can be set to turn on between 1 and 12 hours or off between 0.5 and 8 hours.

Infrared receiver

Point the remote control towards the infrared receiver to operate the heater from anywhere in the room.

Plus/minus arrows

Use the plus/minus arrow buttons when in AUTO mode to select your desired heat setting or after pressing the timer button to select your desired time setting.



Dimensions

When the wheels are attached your HE3900 Convection Plus heater is approximately:

(L)850 x (W)245 x (H)600mm

Using your Convection Plus Heater

HE3100 – 1200W heater with micathermic elements

1. Place the heater on a flat level surface and ensure that the air intake and outlet are clear of obstructions.
Note: When turned on for the first time, your new heater will emit a slight odour for up to 8 hours. This is due to the initial heating of the materials used. It is safe, not detrimental to the performance of the heater and will not reoccur. Sunbeam advises that the heater be placed in a well ventilated area during this period.
2. Ensure that the mode dial and thermostat dial are both in the OFF position.
3. Insert the plug into a 230/240V power outlet and turn the power on. The power ON light will illuminate.
4. Move the mode dial to your desired heat setting, either low heat (1) or high heat (2).
5. Turn the thermostat dial clockwise until the red thermostat indicator light turns on, indicating that the heater is warming to the selected temperature. This light will go out when the selected temperature level is reached.
6. The thermostat is now set and will automatically maintain the pre-set temperature level by turning the heater on and off.
7. To adjust the selected temperature level, rotate the thermostat dial anti-clockwise to lower or clockwise to raise the temperature.
8. To turn the heater off, move the mode dial to the OFF position.

Using your Convection Plus Heater continued

HE3900 – 2200W heater with micathermic elements and remote control

1. Place the heater on a flat level surface and ensure that the air intake and outlet are clear of obstructions.
(Refer to **Note** on Page 8).

2. Ensure that the ON/OFF switch is in the OFF position.

3. Insert the plug into a 230/240V power outlet and turn the power on. Move the ON/OFF switch (located on the side of the heater) to the ON position. The ON/OFF switch will then illuminate.

The LCD screen will display the ambient room temperature.

Note: When the heater is switched on it will be automatically set to the standby mode.

4. Press the mode button to select your desired operating mode. Each time you press the mode button, it will scroll through the various settings as follows:

STANDBY	the heater remains inactive when in this mode
LO	the heater will continuously run at approximately 800 watts
HI	the heater will continuously run at approximately 2200 watts
AUTO	for operating the digital thermostat

5. To turn the heater off, move the ON/OFF switch to the OFF position.

Using the remote control

The remote control allows you to conveniently operate the heater from anywhere in the room.

The buttons on the remote control are identical to the buttons on the heater. When using your remote control simply follow the normal operation instructions outlined on pages 9 and 10 in addition to the points below.

1. Ensure that the remote control contains 2 x AAA batteries.

2. Point the remote towards the infrared receiver on the heater (located below the plus/minus arrows). Ensure that there are no objects blocking the path between the remote and the infrared receiver.

3. Follow steps 1 to 4 on the left column of this page.

Note: The maximum transmission distance between the heater and remote is approximately 30 metres.

Setting the digital thermostat

The digital thermostat allows you to set your desired temperature for the room. The heater will then cycle on and off to maintain it.

1. Follow steps 1 to 3 on the left column of this page.

2. Press the mode button until the AUTO mode is displayed. Once in AUTO mode, the LED screen will flash your previous pre-set temperature for 5 seconds. After 5 seconds the LED screen will display the ambient room temperature.

Using your Convection Plus Heater continued

3. Use the plus/minus arrows to select your desired setting. The LED screen will flash the set value for 5 seconds. After 5 seconds the LED screen will display the ambient room temperature.

Note: The temperature range is from 15°C to 28°C. If you scroll past 28°C the display will automatically return to 15°C.

4. The digital thermostat is now set and will automatically maintain your selected temperature level by turning the heater on and off.

Note: It is normal for the heater to cycle on and off as it maintains the selected temperature.

5. To turn the heater off, move the ON/OFF switch to the OFF position.

Using the timer

Your HE3900 Convection Plus heater features a timer function that switches the heater off after a specified period of time, eg: 3 hours. It also enables you to preheat the room by switching the heater on automatically.


Timer auto OFF function


1. Set the heater to the desired setting using the mode button.

2. Press the timer button. The LED screen will display a default time of 0.0hr.

3. Use the plus/minus arrows to select the number of hours you wish the heater to operate before it automatically switches off, between 0.5 and 8 hours.

Note: The timer will automatically set within 5 seconds of the last time that either the plus/minus arrows or timer button are pressed.

4. Once you have selected your desired timer setting, the ambient room temperature and the timer icon  will display on the LED screen.

Note: When the time has run out, the timer icon  will cease to appear on the LED screen. The heater will then return to STANDBY mode.

Timer auto ON function

The timer auto on function allows you to program the heater to switch on at a specified time to preheat the room.


1. Set the heater to the standby mode, by pressing the mode button.


Note: The LED screen will appear black in this mode.

2. Press the timer button. The LED screen will display a default time of 0.0hr.

3. Use the plus/minus arrows to select the number of hours you wish the heater to operate before it automatically switches on, between 1 and 12 hours.

Note: The timer will automatically set within 5 seconds of the last time that either the plus/minus arrows or timer buttons are pressed.

4. Once you have selected your desired timer setting, the ambient room temperature and the timer icon  will display on the LED screen.

Note: When the time has run out, the timer icon  will cease to appear on the LED screen. The heater will then return to AUTO mode, set to your last pre-set temperature.

Wall Mounting and Attaching the Wheels

Wall mounting

1. Before wall mounting your heater, remove the wheels.
2. Mark the screw location on the wall, approximately 1 metre from the floor.

Note: The heater must be fixed no lower than 6.5cm above the floor and no higher than 1.8 metres above the floor. The heater must also be fixed at least 1 metre from both the corner and ceiling (refer to figure 4 below).

Drill the first hole using a suitable drill bit.

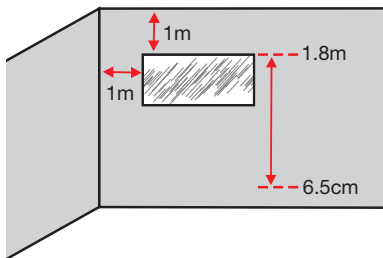


Figure 4

Note: Any electrical appliances to be fitted in a bathroom should be installed by a qualified electrician in accordance with Australian/New Zealand Standard Wiring Rules. Portable heaters should not be used in a bathroom.

Heaters that can be permanently fixed must be installed so that any controls cannot be reached by a person using a bath or shower, as shown in Figure 5.

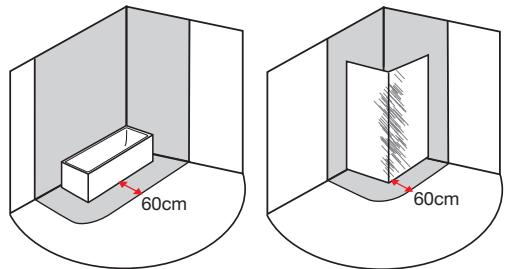


Figure 5

3. Insert one of the screw anchors into the hole.
4. Put the mounting support on the wall over the hole and screw it into place.
5. Mark the second screw location, approximately 138mm from the first hole, and 1 metre from the floor. Drill the second hole.
6. Insert the second screw anchor into the hole.
7. Place the mounting support over the second hole and screw it into place. Tighten both screws.
8. Lift the heater and position over the screws.

Attaching the wheels

Fix each wheel support in position with the screws provided.

Care and Cleaning

Ensure that 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 with a dry cloth.

Over time, dust may accumulate on the front grille. This can be removed by wiping with a damp cloth, or by carefully going across the grille with a vacuum cleaner or hand held vacuum.

Do not use harsh or abrasive cleaners to clean your heater, as these will damage the surface.

If not wall mounted, store the heater in a cool dry place when not in use.

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