



# BIONAIRE®

pure indoor living




## *FLAT PANEL* **MICATHERMIC** *RADIATOR*

MODEL: BH1520-CN

## **Instruction Leaflet**

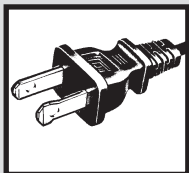
**Read instructions before operating. Retain for future reference.**

 Questions? Comments? Call 1-800-253-2764 in North America  
or visit our website at [www.bionairecanada.com](http://www.bionairecanada.com).

# PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS

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

1. Read all instructions before using the appliance.
2. To avoid fire or shock hazard, plug the appliance directly into a 120V AC electrical outlet.
3. The heater is hot when in 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 (0.9 m) from the front of the heater and keep them away from the sides and rear.
4. DO NOT run cord under carpeting. DO NOT cover cord with throw rugs, runners, or the like. Arrange cord away from traffic area and where it will not be tripped over.
5. This heater is not intended for use in bathrooms, laundry areas and similar indoor location. NEVER locate heater where it may fall into a bathtub or other water container.
6. Extreme caution is necessary when any heater is used by, or near children or invalids, and whenever the heater is left operating and unattended.
7. Always unplug the heater when not in use.
8. When unplugging, be sure to pull by the plug and not the cord.
9. DO NOT insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
10. DO NOT operate heater with a damaged cord or plug, or after the heater malfunctions, has been dropped or damaged in any manner. Return appliance to manufacturer for examination, electrical or mechanical adjustment, or repair.
11. A heater has hot and arcing or sparking parts inside. DO NOT use it in areas where gasoline, paint, or flammable liquids are used or stored.
12. Use appliance only for intended household use as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons. The use of attachments not recommended or sold by the manufacturer may cause hazards.
13. DO NOT use outdoors.
14. To prevent a possible fire, DO NOT block air intakes or exhaust in any manner. DO NOT use on soft surfaces, like a bed, where openings may become blocked.
15. To disconnect heater, turn controls to OFF, then remove plug from outlet.
16. This heater is not intended for use with an extension cord. Plug the cord directly into an appropriate wall receptacle.
17. If the heater will not operate, see specific instructions on Auto Safety Shut-off.
18. DO NOT attempt to repair or adjust any electrical or mechanical functions on this unit. Doing so will void your warranty. The inside of the unit contains no user serviceable parts. All servicing should be performed by qualified personnel only.
19. Discontinue use if plug or outlet is hot. It is recommended that the outlet be replaced if plug or outlet is hot to touch.
20. The heater must not be located immediately below a socket-outlet. Do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.
21. **WARNING:** In order to avoid overheating, do not cover the heater.



**THIS APPLIANCE HAS A POLARIZED PLUG (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet.**

**DO NOT ATTEMPT TO MODIFY THIS PLUG OR DEFEAT THIS SAFETY FEATURE IN ANY WAY.**

# WALL MOUNTING ASSEMBLY

Figure 1

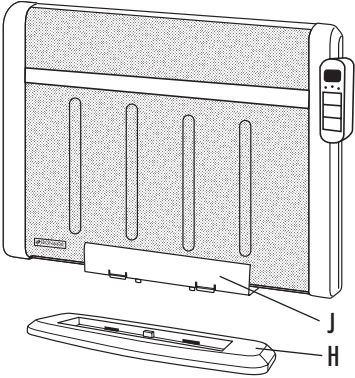


Figure 2

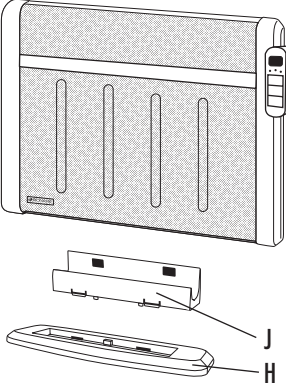


Figure 3

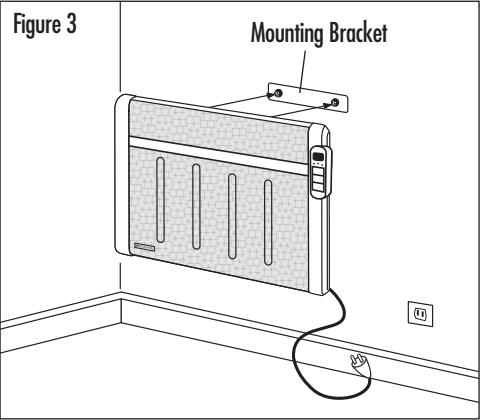
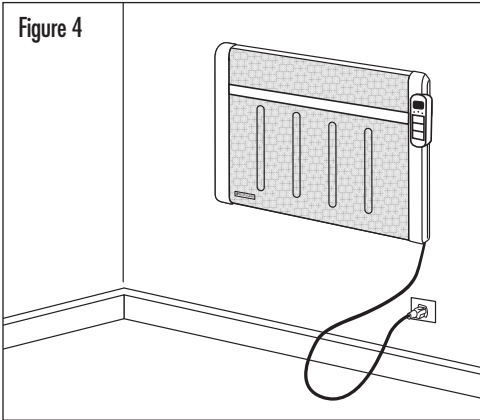


Figure 4



# ASSEMBLY INSTRUCTIONS / OPERATING INSTRUCTIONS

22. **WARNING:** This heater is not equipped with a device to control the room temperature. 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.

## SAVE THESE INSTRUCTIONS

### TECHNICAL SPECIFICATIONS

- Amps: 12.5
- Wattage: 1500W (+5% -10%)
- Working voltage: 120V AC/60Hz

### BASE ASSEMBLY

Insert Base (H) into the bottom of the Base Mount (J) which is attached to the bottom of the Grill. (see Figure 1)

### WALL MOUNTING ASSEMBLY

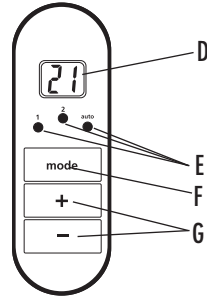
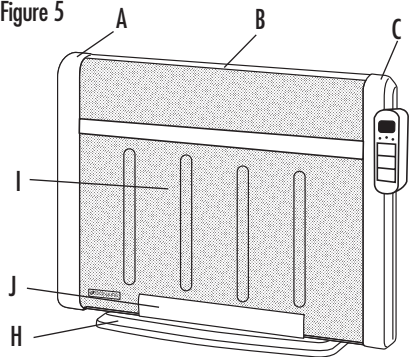
(see Figure 2-4)

**IMPORTANT:** Before drilling into any wall ensure no electrical cables are present in the area.

**NOTE:** Due to the multitude of potential mounting surfaces, mounting screws are not included with this product. Please seek professional assistance or visit your local hardware store to determine which type of screw is best for your particular wall.

1. Remove Base (H) from the bottom of the Base Mount.
2. Remove Base Mount from the bottom of the Grill (I) by removing the two securing screws. (Refer to Figure 2)
3. Secure the Mounting Bracket to the wall. (Refer to Figure 3)
4. Hang the Heater Unit on the Mounting Bracket using the hooks located on the back of the unit. (Refer to Figure 4)

Figure 5



- |                            |                          |
|----------------------------|--------------------------|
| A. Left End Cap            | G. Thermostat Adjustment |
| B. Rear Housing            | H. Base                  |
| C. Right End Cap           | I. Grill                 |
| D. Display                 | J. Base Mount            |
| E. Mode indicator lights   |                          |
| F. Mode Button/ Adjustment |                          |

### OPERATING INSTRUCTIONS

#### Turning the unit on/off and setting the Digital thermostat:

1. Plug unit into wall socket.
2. Press "mode" Button:
  - 1st = LO; runs continuously on Low.
  - 2nd = HI; runs continuously on High.

# FEATURES - OPERATIONS

3. Once you have selected the mode and temperature, the display returns to the current room temperature and gradually increases as the room warms.
4. If you selected an Auto mode and the heater does not start, make sure the set temperature is higher than the current room temperature.
5. To turn the unit off keep pressing the "mode" Button until all mode indicator lights are not illuminated.

**NOTE:** The Mode Indicator Light will flash in the AUTO mode if the set temperature is lower than the current room temperature displayed on the Display, this is also the same if the unit has reached the required set temperature.

**NOTE:** In Auto mode, it is normal for the heater to cycle ON and OFF as it maintains the programmed temperature. To prevent the unit from cycling, raise the thermostat setting.

The Digital Thermostat remembers the previous temperature setting after the unit is turned off. However, if the unit is unplugged, the digital thermostat resets and no longer remembers the previous temperature setting.

---

## PROGRAMMABLE TIMER

You can program your heater to turn on at a preset time or turn off after a set amount of time.

### Setting the On Timer:

1. With the heater off, press and hold (+) and (-) simultaneously until the display flashes and display the number "0".
2. Press (+) or (-) to select the amount of time you would like to pass before the heater turns on.
3. After setting the timer, the display shows a red dot next to the current room temperature on the display to indicate that the timer is activated.
4. After the programmed length of time has passed, the heater automatically turns on Auto HI at 24°C for 2 hours.

### Setting the Off Timer:

1. Select the desired mode and/or temperature.
2. With the heater running, press and hold (+) and (-) simultaneously until the display flashes.
3. Press (+) or (-) to select the amount of time you would like the heater to run.
4. After setting the timer, the display shows a RED dot next to current room temperature on the display to indicate that the timer is activated.
5. The heater automatically shuts off after the programmed length of time has passed.

---

## FROSTPROTECT™

Press the "mode" Button 5 consecutive times for Anti Frost setting (AF will show in the digital display). This special setting is automatically activated when the (AF) mode is selected. In this mode, the heater is off until the room's temperature reaches freezing and the heater automatically turns on HI power. The heater will cycle ON and OFF as it maintains the temperature between 5-8 °C.

---

## AUTO SAFETY SHUT-OFF

This heater is equipped with a technologically-advanced, safety system that automatically shuts off power to the heater when a potential overheat temperature is reached. The heater can only resume operation when you reset it.

### Reset the Heater

If the unit shuts down:

1. Unplug the heater and wait 30 minutes.
2. Plug in and turn on.

### Tip-Over Shut-Off

If the heater is knocked over, it will instantly shut off. To reset, simply place the heater in an upright position and turn ON the heater.

# CLEANING / MAINTENANCE

## CLEANING / MAINTENANCE

### During Season Care:

Always unplug the heater and allow to cool, before moving or cleaning.

1. Carefully wipe the unit with a soft, damp cloth. Please be very cautious near the motor and heating elements.
2. NEVER use abrasive or flammable solvents to clean the unit.
3. After cleaning, be sure to completely dry the unit with a cloth or towel.

### After Season Care:

- Store heater in a cool, dry location.

## TROUBLESHOOTING

If your heater fails to operate:

- Make sure the electrical outlet or circuit breaker is working.
- Check for obstructions. If you find an obstruction turn the heater OFF, and UNPLUG THE UNIT. Carefully remove the obstruction and follow the reset instructions.
- The thermostat might be set too low or in FrostProtect™. Press the "mode" Button until the heater is in Auto Mode, then press the (+) Button until the heater restarts.
- The time function may be engaged. Press the "mode" Button to turn the unit back on.

**Please DO NOT attempt to open or repair the heater. Please see the Warranty for Service Instructions or call our Consumer Service Department at 1-800-253-2764.**

## HEATER SERVICE INSTRUCTIONS

1. Do NOT attempt to repair or adjust any electrical or mechanical functions on this unit. Doing so will void the warranty.
2. For service information, please call 1-800-253-2764 or visit our website at [www.bionairecanada.com](http://www.bionairecanada.com).

If you have any questions regarding your product or would like to learn more about other Bionaire® products, please contact our Consumer Service Department at 1-800-253-2764 or visit our website at [www.bionairecanada.com](http://www.bionairecanada.com). For inquiries regarding recycling and proper disposal of this product, please contact your local waste management facility.

# WARRANTY INFORMATION

In the U.S.A., this warranty is offered by Sunbeam Products, Inc. doing business as Jarden Consumer Solutions located in Boca Raton, Florida 33431. In Canada, this warranty is offered by Sunbeam Corporation (Canada) Limited doing business as Jarden Consumer Solutions, located at 20 B Hereford Street, Brampton, Ontario L6Y 0M1. If you have any other problem or claim in connection with this product, please write our Consumer Service Department. **PLEASE DO NOT RETURN THIS PRODUCT TO ANY OF THESE ADDRESSES OR TO THE PLACE OF PURCHASE.**

© 2014 Sunbeam Products, Inc. doing business as Jarden Consumer Solutions. All rights reserved. Imported and distributed by Sunbeam Corporation (Canada) Limited doing business as Jarden Consumer Solutions, 20B Hereford Street, Brampton, Ontario L6Y 0M1.

Printed In China

# WARRANTY INFORMATION

## 1 YEAR LIMITED WARRANTY

Sunbeam Products, Inc. doing business as Jarden Consumer Solutions or if in Canada, Sunbeam Corporation (Canada) Limited doing business as Jarden Consumer Solutions (collectively "JCS") warrants that for a period of one year from the date of purchase, this product will be free from defects in material and workmanship. JCS, at its option, will repair or replace this product or any component of the product found to be defective during the warranty period.

Replacement will be made with a new or remanufactured product or component. If the product is no longer available, replacement may be made with a similar product of equal or greater value. This is your exclusive warranty. Do NOT attempt to repair or adjust any electrical or mechanical functions on this product. Doing so will void this warranty.

This warranty is valid for the original retail purchaser from the date of initial retail purchase and is not transferable. Keep the original sales receipt. Proof of purchase is required to obtain warranty performance. JCS dealers, service centers, or retail stores selling JCS products do not have the right to alter, modify or any way change the terms and conditions of this warranty.

This warranty does not cover normal wear of parts or damage resulting from any of the following: negligent use or misuse of the product, use on improper voltage or current, use contrary to the operating instructions, disassembly, repair or alteration by anyone other than JCS or an authorized JCS service center. Further, the warranty does not cover: Acts of God, such as fire, flood, hurricanes and tornadoes.

### What are the limits on JCS's Liability?

JCS shall not be liable for any incidental or consequential damages caused by the breach of any express, implied or statutory warranty or condition.

Except to the extent prohibited by applicable law, any implied warranty or condition of merchantability or fitness for a particular purpose is limited in duration to the duration of the above warranty.

JCS disclaims all other warranties, conditions or representations, express, implied, statutory or otherwise.

JCS shall not be liable for any damages of any kind resulting from the purchase, use or misuse of, or inability to use the product including incidental, special, consequential or similar damages or loss of profits, or for any breach of contract, fundamental or otherwise, or for any claim brought against purchaser by any other party.

Some provinces, states or jurisdictions do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights that vary from province to province, state to state or jurisdiction to jurisdiction.

### How to Obtain Warranty Service

#### In the U.S.A.

If you have any question regarding this warranty or would like to obtain warranty service, please call 1-800-253-2764 and a convenient service center address will be provided to you.

#### In Canada

If you have any question regarding this warranty or would like to obtain warranty service, please call 1-800-253-2764 and a convenient service center address will be provided to you.