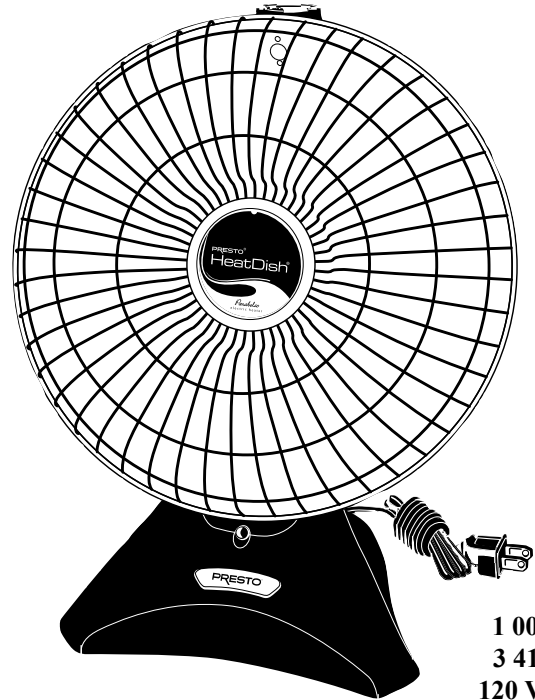


PRESTO™

HeatDish® Plus parabolic electric heater

- ◆ Feels like three times the heat...costs a third less to operate.
- ◆ Parabolic reflector focuses energy like a satellite dish.
- ◆ Warmth you can feel directly, almost instantly.
- ◆ Heats you rather than the air. Keeps you toasty warm even in a large, chilly room or open area.*

* Heater is not designed to heat the air of large areas. Effective for heating enclosed rooms up to 3 by 4 metres.



1 000 Watts
3 415 BTUs
120 Volts AC



Visit us on the web at www.GoPresto.com

INSTRUCTIONS

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This is a  Listed appliance. The following important safeguards are recommended by most portable appliance manufacturers.

IMPORTANT SAFEGUARDS

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

1. Read all instructions before using this heater.
2. This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Use handle when moving this heater. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 1 metre from the front of the heater and keep them away from the sides and rear.
3. Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
4. Always unplug heater from wall outlet when not in use.
5. Do not operate this heater with a broken element or ceramic cone or with a damaged cord or plug, or after the heater malfunctions, or after it has been dropped or damaged in any manner. Please call the Presto Consumer Service Department at 1 800 877-0441 for assistance.
6. Do not use outdoors.
7. This heater is not intended for use in bathrooms, laundry areas, and similar indoor locations. Never locate heater where it may fall into a bathtub or other water container.
8. Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.
9. To disconnect heater, turn controls to off, then remove plug from wall outlet.
10. Do not insert or allow foreign objects to enter the grille or any ventilation or exhaust opening as this may cause an electrical shock or fire, or damage the heater.
11. 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.

12. This 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.
13. Use this heater only as described in this folder. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
14. Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
15. This heater includes an audible alarm to warn that parts of the heater are getting excessively hot. If the alarm sounds, immediately turn the heater off and inspect for any objects on or adjacent to the heater that may cause high temperatures. **DO NOT OPERATE THE HEATER WITH THE ALARM SOUNDING.**
16. Do not operate heater with base removed.
17. Do not attempt to repair, adjust, or replace parts in the heater. The Presto Factory Service Department should check and repair broken heaters.

SAVE THESE INSTRUCTIONS

Important Cord and Plug Information

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 into a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to modify the plug in any way.

Connect the power cord to a 120VAC electrical outlet only.

GETTING ACQUAINTED WITH YOUR PRESTO™ PARABOLIC HEATER

How the parabolic heater keeps you warm

The Presto™ HeatDish® Plus parabolic electric heater is designed to heat people and objects directly, without first heating the air space around them. The heater allows you to set the room temperature at a low level and still stay cozy warm.

Heat is produced by a coiled wire element wrapped around a ceramic cone. The heater's parabolic reflector reflects this heat in a concentrated beam that shines directly on you. The heat is controlled through an infinite switch which cycles the element on and off, in a fashion similar to your stove. The higher the setting, the longer the interval during which the element is energized.

The ceramic cone retains the heat, so that there is an even feeling of heat at each setting. At lower settings the heat is less intense, while at higher ones, it is more intense.

How the parabolic heater can help save energy

The parabolic reflector focuses heat output, like a satellite dish concentrates TV signals, so it requires less energy than convection electric heaters to deliver all the warmth you'll want. It provides super concentrated heat to keep you much warmer than 1 500 watt convection heaters. Yet, because it uses just 1 000 watts, it costs a third less to operate and could help you save money on electric bills.

A parabolic heater, coupled with other conservation measures, will help save energy in your home. For example, energy savings may be realized by keeping the thermostat on your central heating system at a lower than normal setting and thereby decreasing the average room temperature. Personal comfort can be maintained at these lower room temperatures by using a parabolic heater.

How your Presto™ parabolic heater works

An automatic control switch, or thermostat, is built into the heater to control the heat output. The control knob, located on the top of the heater, is used to adjust the thermostat.

This thermostat works like the control for a burner on an electric stove by cycling the heating element on and off to regulate the amount of heat produced.

At the highest setting, the element is on 100 % of the time. At lower settings, the element will cycle on and off automatically producing a lesser amount of heat. The lower the heat setting, the longer the element will remain off during the cycle. This is normal.

Additionally, like the power control switch for any electric device, **this thermostat may produce a small spark or flash of light each time it opens or closes to cycle the element on or off.** While this visual flash is normal for any electric switch, it may be more noticeable in the heater, particularly if the room is darkened.

Likewise, you may hear a slight humming sound at lower settings as the thermostat turns the element back on and the unit heats up. This is also normal.

The heater features an automatic safety switch which turns the unit OFF in case of accidental tip-over. Plus, a loud buzzer sounds a warning if tip-over occurs while the element is cycled ON. The buzzer is designed to be extremely sensitive and to provide a warning tone whenever the heater is moved while cycled ON.

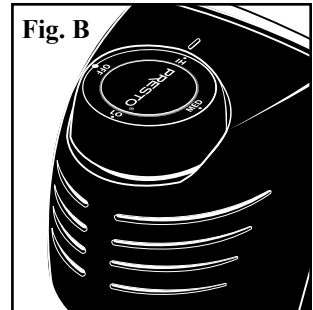
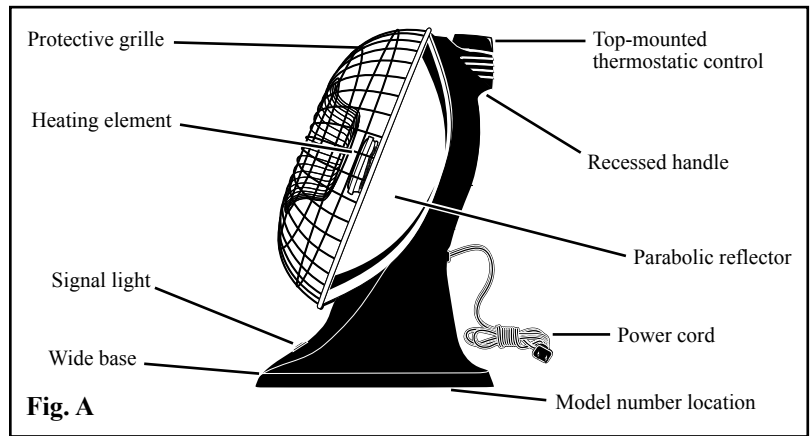
In addition, the buzzer may sound and the heater will shut off if too much dust or dirt has accumulated on the parabolic reflector. To clean the parabolic reflector, see cleaning instructions on page 4.

With the thermostatic control knob (Fig. B) set to the HI position, the electricity is supplied to the heating elements 100 % of the time and the heater is ON constantly. In the LOW position, electricity is supplied to the heating elements only part of the time.

This varies with the room temperature. The colder the temperature is in the room, the more often the heater will cycle on. The heater will automatically cycle on and off at the LOW setting and maintain a constant temperature. The desired comfort level can be maintained by adjusting the thermostatic control knob and thereby regulating the total heat output of the unit.

Your Presto™ parabolic heater is shipped completely assembled. Before using the heater for the first time, familiarize yourself with the parts of the heater (Fig. A) and read the information on the following pages.

For proper operating position, stand the heater upright with the bottom of the base resting flat on the floor.



Positioning the heater

When positioned correctly, the parabolic heater will keep you toasty warm. Follow these suggestions for maximum warmth:

1. Point the front grille towards the area in which heat is desired.
2. Check to make sure there are no objects between you and the heater. Such objects will absorb the heat and prevent it from reaching you.
3. Place the heater at least 1 metre but no more than 3 metres away. The parabolic design of the reflector focuses heat at persons 1 to 3 metres away.

Thus, for your entire body to enjoy the heat produced by the heater, it must be placed at least 1 metre from you. Placing it closer will turn the heater into a foot warmer, rather than a body warmer. Experiment with various positions until you find the one that is right for you.

4. Remember, this unit is primarily a people heater rather than a room heater and using it to heat a large room or open area is not recommended. The infrared heat produced by this heater will travel through glass, just like the sun's rays. If the heater is aimed at a window, objects outside will be heated.

When using any heater, the following safety precautions should always be observed:

- Close attention is necessary when the heater is used where children are present.
- The heater should always be in a stable, upright position with at least 1 metre of space between the front of the unit and any other surface.
- The heater should never be placed in a closed area such as beneath furniture, in cabinets, or beneath or behind curtains or drapes, nor should it be hung from a wall or ceiling.
- Heat produced by any heater tends to pull moisture from the air. It is recommended that you avoid sitting with your face directly in front of the heating element. The intense heat may dry your eyes and cause irritation.

WARNING! Some people with sensitive skin may develop certain skin conditions such as erythema ab igne when they are exposed to heat sources such as car heaters, electric blankets, heating pads, hot water bottles, and heaters. Symptoms may include irritation or discoloration of the skin.

Some people may have nerve conditions that reduce their ability to feel direct heat. The heater is not recommended for use by or in close proximity to persons with these kinds of sensitive skin or nerve conditions.

- Never use a heater with a damaged cord.

Operating the heater

1. Turn the thermostatic control knob (Fig. B, page 3) to the OFF position.
2. Plug the power cord into a 120 volt, 60 cycle circuit which serves nothing else. Because the heater is a 1 000 watt appliance, it is normal for the plug to feel warm to the touch during operation.

WARNING! If the heater is used with a loose or worn AC outlet, this poor connection may cause overheating and distortion of the plug. If the plug is distorted, we suggest you contact the Presto Consumer Service Department.

The signal light will glow whenever the cord is plugged into an outlet to indicate the heater is electrically activated.

CAUTION! Plug directly into a wall outlet. This heater is not intended for use with an extension cord.

3. Turn the thermostatic control knob to its HI position. There may be a vibrating or humming sound when the heater is turned on. This is normal and should last only about a half minute. When using the heater for the first time, there may also be a slight odor or light smoking as manufacturing coatings burn off. This, too, is normal during the first couple of uses.
4. Allow the heater to operate on its HI setting for at least 3 minutes to bring the heating element to its optimum operating temperature. Anytime after that, the thermostatic control knob may be adjusted to a position that provides the desired comfort level.

Remember, after the thermostatic control knob is turned to any ON position below HI, the heater will continually turn itself ON and OFF to control the heat output. This may not always be obvious because, due to residual heat in the heating element, it will continue to glow at most settings.

You may also hear a slight clicking or humming sound as the thermostat cycles the heating elements ON and OFF or, when in a darkened room, see a small spark or flash of light.

If additional heat is desired, turn the thermostatic control knob to a higher setting. This will lengthen the ON cycle and the heater will produce more heat. If less heat is desired, turn the knob to a lower setting. The ON cycle will then be shortened, producing less heat.

5. After use, turn the thermostatic control knob to the OFF position and disconnect the plug from the wall outlet. Always disconnect by grasping the plug, not the cord. Pulling on or yanking the cord can damage the cord's insulation and wires, making the heater unsafe to use.

WARNING! Never use a heater with a damaged cord.

Care, Cleaning, and Storage

Allow heater to cool completely before any cleaning, caring for, or storing. Also be sure heater is turned off and unplugged.

1. Do not pour or spray any water, cleaners, or any liquid on or into any portion of the heater. Do not submerge heater in any liquid.
2. Use a soft, lint-free damp cloth and a mild detergent to clean the exterior surfaces. Harsh or abrasive cleaners will damage the finish.
3. Occasionally, the parabolic reflector inside the grille will need to be cleaned to remove dust accumulation. To remove dust from the parabolic reflector, follow these simple steps:
 - 1) Unplug the heater and allow to cool.
 - 2) Support the heater on its back.
 - 3) Slip a soft, lint-free cloth through the grille.
 - 4) Move the cloth over the surface of the parabolic reflector by inserting a long thin handle (such as a dowel or the handle portion of a wooden spoon) through the grille, using it to slide the cloth from spot to spot over the surface of the reflector.
 - 5) Remove the handle and the cloth when the surface is dust free.

NOTICE: If you allow dust to build up on the parabolic reflector, the dust accumulation may cause the heater to overheat and the warning buzzer to sound.

If this should occur, clean the parabolic reflector as previously instructed. Once the dust is removed, the heater should work normally again. However, if the heater does not work properly or the buzzer continues to sound after cleaning, contact the Consumer Service Department at www.GoPresto.com/contact or at 1 800 877-0441.

4. Wrap the cord loosely around the base pedestal and store heater in a dry location.

Consumer Service Information

If you have any questions regarding the operation of your PRESTO™ appliance, contact us by any of these methods:

- Call 1 800 877-0441 weekdays 8:00 AM to 4:00 PM (Central Time)
- Email us through our website at www.GoPresto.com/contact
- Write: National Presto Industries, Inc.
Consumer Service Department
3925 North Hastings Way
Eau Claire, WI 54703-3703

When contacting the Consumer Service Department, please indicate the model number and the series code for the heater. These numbers can be found on the bottom side of the plastic base.

Please record this information:

Model Number _____ Series Code _____ Date Purchased _____

Inquiries will be answered promptly by telephone, email, or letter. When emailing or writing, please include a phone number and a time when you can be reached during weekdays if possible.

PRESTO™ Limited Warranty

(Applies only in the United States and Canada)

This quality PRESTO™ appliance is designed and built to provide many years of satisfactory performance under normal household use. Presto pledges to the original owner that should there be any defects in material or workmanship during the first year after purchase, we will repair or replace it at our option. Our pledge does not apply to damage caused by shipping. To obtain service under the warranty, call our Consumer Service Department at 1 800 877-0441. ***Outside the United States and Canada, this limited warranty does not apply.***

We want you to obtain maximum enjoyment from using this PRESTO™ appliance and ask that you read and follow the instructions enclosed. Failure to follow instructions, damage caused by improper replacement parts, abuse, misuse, disassembly, alterations, or neglect will void this pledge. This warranty gives you specific legal rights, and you may also have other rights which vary depending on your location. This is Presto's personal pledge to you and is being made in place of all other express warranties.

**NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WI 54703-3703**