

Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain instructions for future reference.

Dayton[®] Ceramic Heater

Description

Dayton ceramic heaters are safe and powerful heaters, designed to add supplemental heat to a room after a few minutes of operation. Ceramic heating technology, combined with designed overheat protection is an excellent system for safely heating whole rooms, while saving on heating bills.

This ceramic heater includes an overheat protection system that consists of a safety tip-over switch, an overheat thermal cut off protector, and an inlet air sensor; all designed to ensure your safety.

Please read these operation instructions before using your new Dayton heater.

Specifications

Model	1VNW9
Voltage	120 V, 60 Hz
Current	Max. continuous draw: 12.5 amps
	Minimum draw (fan only): 0.2 amps
Output	5120 BTUs/hour
Power	Low: 650 Watts Medium: 1000 Watts High: 1500 Watts
Plug type	NEMA 5-15P
Dimensions of unit (in) ..	8.7x8.7x11.4

Features

- A. "Cool Touch" Cabinet
- B. Power and Settings Control
- C. Power Indicator Light
- D. Thermostat Control
- E. Washable Dust Filter and Clip
- F. Handle

Special Features

Power Indicator Light – When the unit is turned ON, the power indicator light will illuminate to tell you that the heater is functioning.

Safety Tip-Over Switch – Your heater is designed to automatically shut-off when tipped over. When returned to normal upright position, heat will automatically resume.

Auto Overheat Shut-Off Protection System – Your heater includes a thermal cut-off protection system that shuts off the heater if it overheats for any reason. To reset the heater, turn it OFF, unplug it from the electrical outlet, and wait five to ten minutes for the unit to cool.

NOTE: There may be a trace of smoke or odor when the unit is first operated. Do not be alarmed. This indicates a drop of oil fell on the interior coils during the manufacturing process. It will quickly evaporate and should not reoccur.



Figure 1

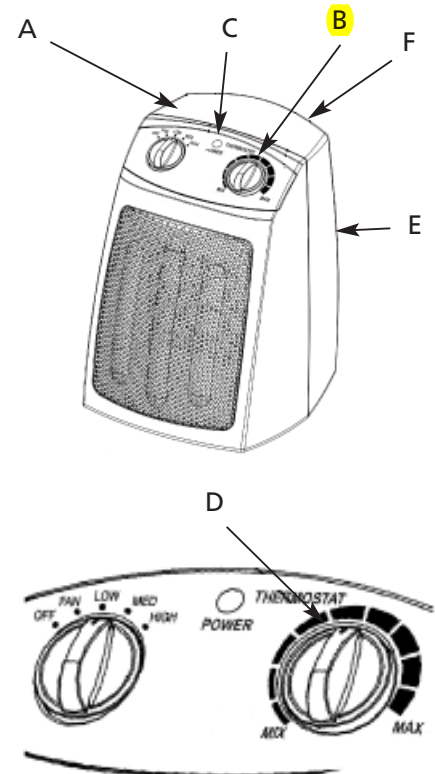


Figure 2 – Features

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Dayton® Ceramic Heater

General Safety Information

▲ WARNING *Read Carefully - This instruction sheet contains vital information for the proper installation, use and efficient operation of the heater. Carefully read the manual before installation, operation or cleaning of the heater. Failure to adhere to the instructions could result in fire, electric shock, death, serious personal injury or property damage. Save these instructions and review frequently for continuing safe operation and instructing future users.*

▲ WARNING *Hazard of electrical fire or shock.*

▲ CAUTION *High temperature; keep electrical cords, drapery, and other furnishings at least 3 feet (0.9 m) from the front of the heater and away from the side and rear.*

When using this appliance, basic precautions should always be followed to reduce the risk of fire, electric shock and injury to persons.

1. Read all the instructions before using this heater.
2. This 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.
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. Do not operate the heater with a damaged cord or plug, or after the heater malfunctions, has been dropped, or damaged in any

manner. Return the heater to an authorized service facility for examination, electrical or mechanical adjustment, or repair.

5. Do not use outdoors.
6. This heater is not intended for use in bathrooms, laundry areas, or similar indoor locations. Never locate the heater where it may fall into a bathtub or other water container.
7. Do not run the cord under carpeting and do not cover the cord with throw rugs, runners or the like. Arrange the cord away from traffic areas and where it will not be tripped over.
8. To disconnect heater, turn controls to OFF, then remove plug from outlet.
9. Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock, fire, or damage to the heater.
10. To prevent a possible fire, do not block air intakes or exhaust openings in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked. Use the heater on flat, dry surfaces only.
11. A heater has hot and arcing or sparking parts inside. Do not use heater in areas where gasoline, paint or flammable liquids are used or stored.
12. Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
13. Never clean this heater while it is plugged in. Do not immerse in water. To disconnect, turn control to OFF, then remove the plug from the outlet by grasping it and pulling it from the outlet. Never yank on the cord.
14. This heater includes an overheat protection system that shuts off the heater when parts of the heater are getting excessively hot. If the heater shuts off, immediately turn the heater OFF and inspect for any objects, on or adjacent to the heater, which may cause high temperatures. **DO NOT OPERATE THE HEATER UNTIL IT IS RESET.** To reset the heater, turn it OFF, unplug it from the electrical outlet, and wait five to ten minutes for the unit to cool down before plugging it back in and turning the heater on.
15. Always unplug heater when not in use.
16. Avoid the use of an extension cord because the extension cord may overheat and cause a risk of fire. However, if you have to use an extension cord, the cord should be No.14 AWG minimum size and rated not less than 1875 watts.

SAVE THESE INSTRUCTIONS

Operation

1. Plug the power supply cord into a wall outlet. (110/120 VAC, 60 Hz).

IMPORTANT: This appliance has 3 prong (grounded) plug to reduce the risk of electric shock. This plug is intended to fit in a 3 slot outlet. If it does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature.

Model 1VNW9

Operation (Continued)

2. Set the thermostat to maximum (fully clockwise).
3. Turn ON the unit by selecting a heat setting (HIGH, MED or LOW) or the FAN only setting from the Power and Setting Control Knob.
4. Select a thermostat setting. Adjusting the thermostat to a desired position regulates ambient temperature. Allow the unit to operate and warm up the room until the desired temperature is reached.
5. Slowly turn the control knob counter-clockwise until the heater turns off. This is your ideal setting. The heater will start automatically when the room temperature drops below this set point, and will turn off when the set point is reached.
6. Fully extend cord before using.

Maintenance

1. Always turn OFF the heater and disconnect the cord from the electrical outlet before cleaning your heater.
2. Light accumulated dust may be removed from the heater with a soft cloth or vacuum cleaner.
3. Wipe the exterior surfaces of the heater occasionally with a damp cloth (not dripping wet), using a solution of mild detergent and water. Dry the case thoroughly before operating the heater.
4. To clean the dust filter positioned on the back of the heater:
 - a. Remove it
 - b. Wash dust filter with clear water.
 - c. When dry, attach to back of heater.

CAUTION *Do not allow water to run into the interior of the heater as this could create a fire or electric shock hazard.*

WARNING *Any other servicing needed must be performed by an authorized service representative. Do not attempt to service the unit yourself.*

Avoid the use of an extension cord because the extension cord may overheat and cause a risk of fire. If this heater is used with an extension cord, the cord should be 14 AWG minimum size and rated no less than 1875 watts.

Dayton® Ceramic Heater

LIMITED WARRANTY

DAYTON ONE-YEAR LIMITED WARRANTY. Dayton® Ceramic Heater, Model covered in this manual, is warranted by Dayton Electric Mfg. Co. (Dayton) to the original user against defects in workmanship or materials under normal use for one year after date of purchase. Any part which is determined to be defective in material or workmanship and returned to an authorized service location, as Dayton designates, shipping costs prepaid, will be, as the exclusive remedy, repaired or replaced at Dayton's option. For limited warranty claim procedures, see PROMPT DISPOSITION below. This limited warranty gives purchasers specific legal rights which vary from jurisdiction to jurisdiction.

LIMITATION OF LIABILITY. To the extent allowable under applicable law, Dayton's liability for consequential and incidental damages is expressly disclaimed. Dayton's liability in all events is limited to and shall not exceed the purchase price paid.

WARRANTY DISCLAIMER. Dayton has made a diligent effort to provide product information and illustrate the products in this literature accurately; however, such information and illustrations are for the sole purpose of identification, and do not express or imply a warranty that the products are MERCHANTABLE, or FIT FOR A PARTICULAR PURPOSE, or that the products will necessarily conform to the illustrations or descriptions. Except as provided below, no warranty or affirmation of fact, expressed or implied, other than as stated in the "LIMITED WARRANTY" above is made or authorized by Dayton.

PRODUCT SUITABILITY. Many jurisdictions have codes and regulations governing sales, construction, installation, and/or use of products for certain purposes, which may vary from those in neighboring areas. While Dayton attempts to assure that its products comply with such codes, it cannot guarantee compliance, and cannot be responsible for how the product is installed or used. Before purchase and use of a product, review the product applications, and all applicable national and local codes and regulations, and be sure that the product, installation, and use will comply with them.

Certain aspects of disclaimers are not applicable to consumer products; e.g., (a) some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you; (b) also, some jurisdictions do not allow a limitation on how long an implied warranty lasts, consequently the above limitation may not apply to you; and (c) by law, during the period of this Limited Warranty, any implied warranties of implied merchantability or fitness for a particular purpose applicable to consumer products purchased by consumers, may not be excluded or otherwise disclaimed.

PROMPT DISPOSITION. Dayton will make a good faith effort for prompt correction or other adjustment with respect to any product which proves to be defective within limited warranty. For any product believed to be defective within limited warranty, first write or call dealer from whom the product was purchased. Dealer will give additional directions. If unable to resolve satisfactorily, write to Dayton at address below, giving dealer's name, address, date, and number of dealer's invoice, and describing the nature of the defect. Title and risk of loss pass to buyer on delivery to common carrier. If product was damaged in transit to you, file claim with carrier.

Manufactured for Dayton Electric Mfg. Co., 5959 W. Howard St., Niles, Illinois 60714 U.S.A.