

**Vornado Air Circulation Systems
1-Year Limited Warranty**

Vornado Air Circulation Systems, Inc. warrants to the original consumer or purchaser that the Vornado VH² vortex heater is free from any defects in material or workmanship for the period of one (1) year. If any such defect is discovered within the warranty period, Vornado will repair the unit for a \$15.00 fee to cover the cost of handling and return postage.

For warranty service, call 1-800-234-0604 to obtain a Warranty Repair Authorization (WRA) number. After receiving the WRA number, ship the unit postage-paid with a check for \$15.00 and proof of purchase (date and place of purchase) to:

**Vornado Air Circulation Systems, Inc.
415 E. 13th Street
Andover, KS 67002**

To assure proper handling, you must have a WRA number.

This limited warranty does not apply to defects resulting from abuse of the unit, modification, alteration, repair or service of the unit by anyone other than Vornado Air Circulation Systems, Inc., mishandling, improper maintenance, commercial use of the unit, or damages which occur in shipment or are attributable to acts of God. THIS WARRANTY IS THE ONLY ONE WE GIVE ON YOUR VORNADO AIR COMFORT SYSTEM. IT SETS FORTH ALL OUR RESPONSIBILITIES REGARDING YOUR VORNADO AIR COMFORT SYSTEM. THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED ABOVE. VORNADO AIR CIRCULATION SYSTEMS, INC., SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF WARRANTY. ALL EXPRESSED AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY (AN UNWRITTEN WARRANTY THAT THE PRODUCT IS FIT FOR ORDINARY USE), AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or a limitation on how long the implied warranties last; so the above exclusions or limitations may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

For your records; Model No. _____
Serial No. _____
(Located on Bottom of Heater)

Product registration available online at www.vornado.com

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Specifications subject to change without notice.
CL3-0061 REV A



Type VH²

VH²™ VORTEX HEATER

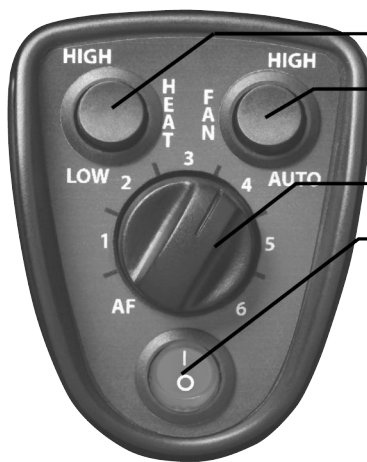
OWNER'S GUIDE OWNER'S GUIDE OWNER'S GUIDE



**IMPORTANT INSTRUCTIONS
SAVE THESE INSTRUCTIONS**

...Feel The Difference®
VORNADO®

VH2 Operating Controls



HEAT

1500 watts on **HIGH** and 750 watts on **LOW**.

FAN

In the **AUTO** setting, the fan will cycle on and off with the heating element. On the **HIGH** setting, the fan will run continuously.

TEMPERATURE

Allows you to select desired comfort level.

POWER SWITCH

Illuminated when the unit is **ON**.

Operating Tips

- In smaller areas, you might prefer to set the fan switch to **AUTO**. In the **AUTO** mode, the fan will come on only when the heat element is on.
- In larger spaces, VH2 will function most effectively with the **FAN** switch set to **HIGH**. On the **HIGH** position, the vortex beam of air will gently keep the air circulating in the room for even, uniform heating.
- To use VH2 as a personal fan, set the **THERMOSTAT** to the lowest position, and set the **FAN** switch to **ON**.
- VH2 has an Anti-Freeze (AF) mode. In the Anti-Freeze mode, the heater will stay off until the surrounding temperature drops below 40°F. To use this feature, flip the **POWER** switch **ON**, turn the **THERMOSTAT** knob counterclockwise to the **AF** setting and set the **FAN** switch to the **AUTO** setting.
- Vornado VH2, like any other 1500 watt electric heater, draws up to 12.5 Amps of electric current. If using your VH on **HIGH HEAT** setting causes your home circuit breaker or fuse to trip, we offer the following suggestions:
 1. Try turning off other electrical appliances that run on the same electrical circuit as your VH2.
 2. Run your heater on the **LOW HEAT** range.
 3. Have your electrician add an additional circuit to your home electrical system.

Using the VH2™

Position Position the VH2 so the vortex beam of warm air is directed across the room unobstructed. The unique side-angled air inlets allow the heater to be placed closer to walls than possible with most ordinary heaters. Position it in a fashion that is representative of the room temperature. Avoid areas of temperature extremes such as cold drafts and heat registers.

Please refer to Important Instructions at the beginning of this owner's guide.

Operation Using VH2 is simple. Just follow these three steps:

1. Plug into a standard wall outlet.
2. Turn **POWER** on.
3. Set **THERMOSTAT** to "6". When the room reaches the desired comfort level, turn the **THERMOSTAT** knob slowly counterclockwise until the heat cycles off (easier to detect when **FAN** is set to **AUTO**).

**ALWAYS USE COMMON SENSE
WHEN USING THIS AND/OR ANY
ELECTRICAL APPLIANCE**

IMPORTANT INSTRUCTIONS

Vornado® VH2™ Whole Room Vortex Heater

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

- Read all instructions before using this heater.
- Do not operate the heater on an elevated surface; such as a shelf or desk top, use only while placed on the floor.
- Keep combustible materials such as furniture, pillows, bedding, papers, clothes, and curtains away from the front, sides, and rear of the heater.
- **EXTREME CAUTION IS NECESSARY WHEN ANY HEATER IS USED BY OR NEAR CHILDREN OR INVALIDS AND WHENEVER THE HEATER IS LEFT OPERATING UNATTENDED.**
- Always unplug heater when not in use.
- Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Return heater to Vornado for examination, electrical or mechanical adjustment or repair.
- **FOR RESIDENTIAL USE, INDOOR ONLY. NOT FOR USE IN ANIMAL PENS OR OUTDOOR BUILDINGS.**
- 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.
- To disconnect heater, turn controls to off, then remove plug from outlet.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electrical shock or fire or damage the heater.
- To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft or uneven surfaces, like a bed, couch, etc., where openings may become blocked.
- Operate this heater only in its upright position.
- A heater has hot and arcing or sparking parts inside. Do not use the heater in areas where gasoline, paint or flammable liquids are used or stored.
- Use this heater only as described in this manual. Any other use not recommended by Vornado may cause fire, electrical shock or injury to persons.
- 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. Do not attempt to defeat this safety feature.
- Avoid the use of an extension cord because the extension cord may overheat and cause a risk of fire. If you have to use an extension cord, the cord must be 14AWG minimum size and rated not less than 15Amps or 1875 watts at 125VAC.
- 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.
- This heater is equipped with a thermal safety shut-off system, designed to turn off the heater when an internal overheating condition is detected (see operating instructions "Safety Shut-off System", to determine how to check and reset heater).

SAVE THESE INSTRUCTIONS

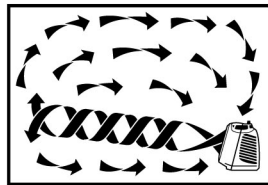
About your new Vornado® VH2™

Your new Vornado VH2 Vortex Heater combines a reliable bi-metal thermostat temperature control with Vornado's renowned Vortex Action. Your VH2 provides safe, gentle, whole-room "blanket warmth" unlike ordinary space or "cube" heaters that simply generate localized heat.

Vornado comes from a combination of the words **VOR**tex and **tor**NADO. Your Vornado VH2, like all Vornado products, produces a vortex or tornado-like "beam" of air that projects across the room and forces air to return around the perimeter of the room to be recirculated. The result is the efficient circulation of heat throughout the entire room.

Your VH2 incorporates a full complement of integrated safety features, including a cool-to-the-touch exterior and gentle heat exit air temperature. The advanced design of this heater provides for complete and thorough circulation of heat throughout the entire room. To function most

effectively, choose an unobstructed path for the vortex airstream to travel across the room.



Safety Features

Your Vornado VH2 incorporates multiple safety devices and systems. These features include:

Cool-Touch Cabinet The enclosure is made of a tough, impact resistant polymer and does not conduct heat like metal housings on many ordinary heaters.

130° Exit Air Temperature The exit air temperature is approximately 130°F, warm enough to heat an entire room. 130° is the temperature of the exit air in most central forced air heating systems.

Lighted Power Switch The power switch has a built-in indicator light that provides a visible reminder that the unit is on.

Non-glowing, Thermostatically Controlled Heating Element Even on **HIGH**, the heat element does not glow. Non-glowing heating elements are safer and longer lasting.

Tip-Over Switch If VH2 accidentally tips over, it will automatically shut off power to the heating element. When returned to an upright position, the unit will resume normal operation.

Safety Shut-off System Vornado VH2 has a multi-level Safety Shut-off System designed to prevent overheating. Overheating may occur when the inlets or outlet are blocked, a foreign object prevents the blade from turning, or the appliance tips over. If this happens, the Safety Shut-off System will cut power to the heat element, but the indicator light in the power switch will remain illuminated.

Resetting VH2

1. Set the power switch to the **OFF** position and unplug the unit.
2. Remove any obstructions.
3. Wait 5-10 minutes.
4. Plug in heater and set power switch to the **ON** position. The VH2 heater should now function normally.

If the Safety Shut-off System repeatedly shuts off your heater, or if it will not reset after following the above procedure, **DO NOT ATTEMPT TO DISASSEMBLE THE UNIT**, call Vornado's Consumer Services Department, toll free at 1-800-234-0604.

Maintaining Your VH2

VH2 has no user serviceable parts. Do not disassemble the unit – it will void your warranty. If service is required, return your heater to Vornado. (See warranty)

- The motor is permanently lubricated and requires no oiling.
- Because VH2 moves a great deal of air, it will need regular cleaning. Be sure to unplug the unit prior to cleaning. With a vacuum, clean the air inlets on the side of the unit and the outlet grill vanes on the front of the unit.
- During the off-season or extended periods of non-use, store your heater. Unplug the unit, bundle the cord. Save the plastic bag that the heater was shipped in so that you can cover the unit and minimize settling dust.

