



VORNADO®

Owner's Guide

READ AND KEEP THESE IMPORTANT INSTRUCTIONS

Guide de L'utilisateur

LIRE ET CONSERVER CES INSTRUCTIONS IMPORTANTES

Guia del propietario

LEA Y TENGA EN CUENTA ESTAS INSTRUCCIONES IMPORTANTES



iCONTROL™
Digital Vortex Heat®

IMPORTANT INSTRUCTIONS

Vornado® iControl™ Digital Vortex Heat® Read all instructions before using this heater.

Please visually inspect all internal and external components before connecting to electric current. If any damage is found, **DO NOT USE THIS UNIT** and contact Vornado Air LLC at 1-800-234-0604.

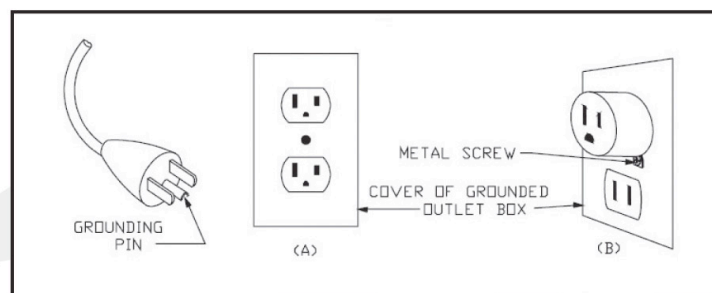
When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock or injury to persons, including the following:

- ▶ **DO NOT** place heater on furniture. It could fall, dislodging or breaking parts in the heater. Operate this heater only in its upright position.
- ▶ **DO NOT** leave an operating heater unattended and always unplug heater when not in use. To disconnect heater, turn unit off by pressing the power button, then remove plug from outlet.
- ▶ Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- ▶ **DO NOT** use in damp or wet areas. Parts in the heater may be damaged by moisture.
- ▶ **DO NOT** plug any other electrical device into the same outlet as your heater. This could result in overheating.
- ▶ **DO NOT** operate this product with any electronic speed-control device on the same circuit.
- ▶ **DO NOT** insert or allow foreign objects to enter any ventilation or exhaust openings as this may cause an electric shock, fire or damage the heater.
- ▶ **DO NOT** use heater to dry human or animal hair/fur or articles of clothing.
- ▶ 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.
- ▶ **DO** use this heater only as described in this owner's guide. Any other use not recommended by Vornado may cause fire, electric shock or injury to persons.
- ▶ **DO NOT** run cord under carpeting. **DO NOT** cover cord with throw rugs, runners or similar covering. Arrange cord away from traffic area and where it will not be tripped over.
- ▶ 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 three feet from the heater. To prevent a possible fire, **DO NOT** block the heater's air intake or exhaust in any manner. **DO NOT** use on soft surfaces, like a bed, where openings may become blocked.
- ▶ **DO** keep flammable materials away from the heater. 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.
- ▶ 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 Resetting the Unit section under Safety Features for instruction on how to reset Heater).

SAVE THESE INSTRUCTIONS

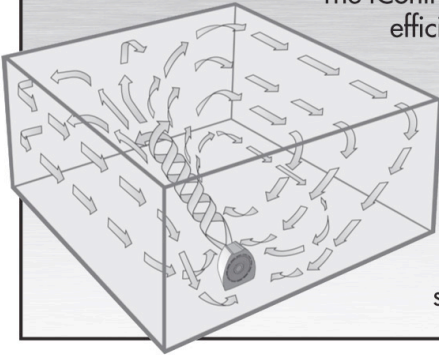
IMPORTANT INSTRUCTIONS (continued)

- ▶ This product is equipped with a 3-prong, grounding pin plug as a safety feature. To reduce the risk of electric shock, this plug is intended to connect to a grounded outlet only. This plug will fit into a grounded outlet only one way. **DO NOT** alter the plug. **DO NOT** attempt to defeat this safety purpose of the grounding plug. This product must be grounded. If the product malfunctions, grounding provides a path of least resistance for the electric current to reduce the risk of electric shock. The 3-prong plug must be inserted into a grounded outlet that has been properly installed in accordance with all electric codes and ordinances. If you are in doubt as to whether or not an outlet is properly grounded, contact a qualified electrician.
- ▶ **DO** check periodically for a secure plug/outlet fit. If the plug does not fit snugly into the outlet or if the plug becomes very hot, the outlet may need to be replaced. Check with a qualified electrician to replace the outlet.
- ▶ Always unplug the heater when not in use by pulling the plug straight out from the outlet. Inspect the heater's cord periodically. **DO NOT** use a 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, electric or mechanical adjustment or repair.
- ▶ This heater operates with an IR (infra-red) remote control. Interference between this remote and other remote-control-operated electrical appliance in your home is possible.
- ▶ This heater is for use on 120 volts. The cord has a plug as shown at A in the illustration below. If a grounding receptacle is not available, an adapter as shown at B is available for connecting three-blade grounding-type plugs to two-slot receptacles. The green grounding plug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box shown at B. The adapter should not be used if a three-slot grounded receptacle is available.
- ▶ **HEATERS SHOULD BE KEPT AWAY FROM CHILDREN AND NOT BE PLACED IN A CHILD'S ROOM WITHOUT SUPERVISION.**
- ▶ **FOR RESIDENTIAL USE, INDOOR ONLY. NOT FOR USE IN ANIMAL PENS OR OUTDOOR BUILDINGS.**



SAVE THESE INSTRUCTIONS

About your new Vornado® iControl™ Digital Vortex Heat®



The iControl™ features Vornado's signature Vortex Technology to provide efficient circulation of heat throughout the entire room. The iControl works by creating a tornado-like beam of air that projects across the room until reaching a barrier, returning around the perimeter of the room to be recirculated. This results in an even temperature throughout the room and surrounds you in a "blanket of warmth." This is unlike most space heaters, that heat the space directly in front of the unit and provide limited to no circulation – allowing the heat to simply rise to the ceiling.

Safety Features

The iControl™ incorporates multiple safety devices and systems. These features include:

Durable Construction

Designed to be cool to the touch.

Tight Grill Spirals

Resists curious fingers.

Automatic Tip-Over Protection

Heater automatically shuts off if it is tipped over.

Automatic Safety Shut-Off System

The iControl has a multi-level safety shut-off system designed to prevent overheating. Overheating may occur if the inlet or outlet is 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 and you will need to manually reset the unit. This shut-off system also has a back-up one-shot fuse for added protection. (See Resetting the Unit below)

Ideal Exit Air Temperature

Approximately 120° F; warm enough to heat an entire room and is the temperature of the exit air in most central forced air heating systems.

Wide Base

To maximize stability

Grounded Heavy-Duty Power Cord

3 prongs make for a more secure wall connection.

Illuminated Indicator Light

A visible reminder that the heater 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.

Resetting the Unit

1. Unplug the unit.
 2. Remove any obstructions.
 3. Wait 5-10 minutes.
 4. Plug in heater and press the POWER button. The unit 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 Consumer Service Department toll free at 1-800-234-0604.

Maintenance

The iControl™ 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 Limited Warranty).



- ▶ The motor is permanently lubricated and requires no oiling.
- ▶ Because the iControl moves a great deal of air, it will need regular surface cleaning. Be sure to unplug the unit prior to cleaning. With a vacuum, clean the air inlet on the back 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.

How It Works

Vornado once again leads the industry in the advancement of portable electric heater technology. The iControl™ provides whole room heat with One-Knob operation and Automatic Climate Control.

One-Knob Operation

This innovative user interface is sophisticated yet simple. Press the knob to “wake-up” or turn on the screen on the base unit, rotate the One-Knob control until the desired mode you want to adjust is displayed. Press the button to accept this mode, then, rotate the knob left or right to select desired setting. The unit is then set, or you may press the One-Knob again to adjust another mode, and continue to adjust additional settings in the same manner.

Automatic Climate Control Technology

The iControl uses Vornado’s signature Automatic Climate Control Technology to continuously and silently, provide soothing and even whole room heat. The benefit of this technology is that the Heater will only provide the heat that is necessary to maintain constant temperature. The heating element and fan automatically speed up or slow down to maintain the desired temperature selected, with no annoying on-and-off, hot-and-cold cycling. This allows the unit to frequently run on less than high power, minimizing noise and energy use.

Remote Control

Fully control the Heater remotely with the Remote, no more getting up to adjust the temperature. You can turn the unit ON and OFF, switch the mode from FAN ONLY, to LOW HEAT or HIGH HEAT, adjust the desired set temperature up or down, and set the automatic-off timer. As you adjust the remote, the base unit will “beep” to indicate that it has received your signal.

How To Use

1. Plug into a standard grounded wall outlet.
2. Press the POWER button to turn on the Heater.
3. Position the iControl™ so the vortex beam of warm air is directed across the room unobstructed.
4. Using the One-Knob Control select the mode you wish to use, LOW HEAT, HIGH HEAT, or FAN ONLY.
5. Turn off after use.

iCONTROL INSTRUCTIONS



- ▶ **POWER BUTTON** Press to turn unit ON or OFF, red light illuminates when power is ON.
- ▶ **HEAT MODES AND FAN ONLY MODE** Use the One-Knob Control to select the heat level you desire. Press the One-Knob to “wake up” or turn on the screen, rotate the One-Knob to select desired mode, HIGH for up to 1500 watts, LOW for up to 750 watts of maximum power, or FAN ONLY mode. The mode you have selected will be blinking in the display window. Press the One-Knob to accept this mode setting. Note: in the FAN ONLY mode no heat will be generated.
- ▶ **SET TEMPERATURE** After selecting and accepting the mode you desire, use the One-Knob to adjust the desired room temperature setting. Rotate clockwise to raise the temperature or counterclockwise to lower the temperature, then press the One-Knob to accept this temperature setting. There is no temperature adjustment when in FAN ONLY mode. Setting will be displayed in the display window. Note: *If a room is very large or has too much heat loss, the heater may not be able to obtain the desired set temperature at the remote, even with the unit running continuously.*
- ▶ **ROOM TEMPERATURE** The screen also indicates room temperature. The temperature displayed in the display window is the approximate room temperature at the Heater.
- ▶ **TIMER** Use the One-Knob to set the timer function in one-hour intervals up to 9 hours. Press the One-Knob to “wake-up” or turn on the screen. Press until Timer is blinking on the screen, rotate knob to desired run time, then press the knob again to accept. The display window will display the set time remaining, and the unit will completely shut off when the set time has expired.
- ▶ **SOUND** When a setting is changed you will hear a “beep” to indicate that a setting has been changed.
- ▶ **LCD DISPLAY** Display window will be illuminated when adjustments are being made, and the illumination will dim after adjustments are complete.

REMOTE CONTROL INSTRUCTIONS

Fully control the iControl with the Remote. All adjustments made with the Remote will be indicated with a “beep” from the unit to notify you that the change has been received.



- ▶ **POWER** Press the ON/OFF button to turn the unit ON or OFF.
- ▶ **SET TEMPERATURE** Press the TEMP arrows up or down to adjust the temperature setting one degree at a time.
- ▶ **HEAT MODES AND FAN ONLY MODE** Press the MODE button to select desired mode.
- ▶ **TIMER** Press the TIMER arrows up or down to adjust the Timer by one hour at a time.
- ▶ **BATTERY REPLACEMENT** The remote requires a CR2032 battery. To replace the battery remove the cover located on the bottom side of the remote.

The remote is not a toy and should only be used in the prescribed manner intended for the use of this Heater.

Operating Tips

To properly carry the heater, place one hand in the back handle opening and use your other hand to hold from the front.

In smaller areas, you might prefer to set the unit in LOW HEAT mode. In larger spaces you might prefer to set the unit on HIGH HEAT mode. A vortex beam of air will gently keep the air circulating in the room for even, uniform heating.

To use the iControl™ as a personal fan, select the FAN ONLY mode (See instructions under How to Use). The iControl, like any other 1500-watt electric heater, draws up to 12.5 amps of electric current. If using your iControl 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 iControl.
2. Run the iControl on LOW HEAT mode.
3. Have your electrician add an additional circuit to your home's electrical system.

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



Vornado Air LLC 2-Year Limited Warranty

Vornado Air LLC warrants to the original consumer or purchaser that the Vornado® iControl™ Digital Vortex Heat®, is free from any defects in material or workmanship for the length of term as described above. If any such defect is discovered within the warranty period, Vornado Air LLC, at its discretion, will repair or replace the unit. This limited warranty covers parts failure or manufacturing flaw. It does not apply to defects resulting from abuse of the unit, modification, alteration, repair or service by anyone other than Vornado Air LLC, mishandling, improper maintenance, commercial use of the unit, damages which occur in shipment or are attributable to acts of God.

THIS WARRANTY IS THE ONLY ONE WE GIVE ON YOUR VORNADO ICONTROL. IT SETS FORTH ALL OUR RESPONSIBILITIES REGARDING YOUR VORNADO ICONTROL. THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED ABOVE. VORNADO AIR LLC SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THE WARRANTY. ANY IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THE EXPRESS WARRANTY.

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 that vary from state to state.

HOW TO OBTAIN RETURN AUTHORIZATION

For warranty or repair service, email consumerservice@vornado.com or call 1-800-234-0604 to obtain a Return Authorization (RA) form. Please have or include your iControl model number and serial number, as well as your name, address, city, state, ZIP code and phone number. After receiving the RA form in the mail, ship your iControl postage-paid with a copy of the original dated receipt of purchase along with a check or money order for \$20.00 (to cover return shipping and handling) to:

Vornado Air LLC
415 E. 13th Street
Andover, KS 67002

To assure proper handling, packages must be clearly marked with the RA number. Packages not clearly marked with the RA number may be refused at the receiving dock.

For your records: Staple or attach your original sales receipt to this owner's guide. Please also write your iControl serial and model numbers below (located on product specs decal).

Serial No. _____
Model No. _____

Please allow 1-2 weeks for the repair and return of your Vornado iControl after it has been received.
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Specifications subject to change without notice.
U.S. Patent Pending.
Designed and Engineered in the USA. Manufactured in China.

PRODUCT REGISTRATION AVAILABLE ONLINE AT www.vornado.com

Vornado Consumer Services
P 1-800-234-0604 W www.vornado.com E consumerservice@vornado.com