



## heavy-duty shop fan

READ AND SAVE THESE INSTRUCTIONS  
Whole Room Air Circulator Owner's Guide

model 293HD

## Designed, assembled and supported in Andover, Kansas.

Questions or comments?



[www.vornado.com](http://www.vornado.com)



[consumerservice@vornado.com](mailto:consumerservice@vornado.com)



1-800-234-0604

## Trust.

It is said that trust isn't given, but earned. For decades Vornado has been earning the trust of our customers by offering them only the best. Vornado provides the highest level of performance, coupled with the highest level of support available. Complete satisfaction with no exceptions – this is Vornado's promise to you. If you are not satisfied for any reason, please contact us. Knowledgeable representatives are available at 1-800-234-0604 from 8:00 AM to 5:00 PM CST. A wealth of additional support is also available online at [www.vornado.com](http://www.vornado.com)

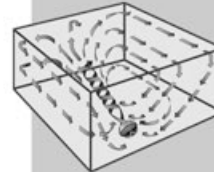
## Vornado® Vortex Action

Maximize your cooling and heating efficiency.



**Without Adequate  
Circulation**  
Layers of hot and  
cold air.

**With Vornado  
Vortex Circulation**  
Even temperature  
throughout.



Vortex Action circulates all the air in the room, creating a balanced, comfortable temperature. Visit [vornado.com/vortex](http://vornado.com/vortex) to learn what makes a Vornado Whole Room Air Circulator completely unique.

# IMPORTANT INSTRUCTIONS

**WARNING** – To reduce the risk of fire or electrical shock, do not use this product with any solid state speed control device. To reduce the risk of fire or electric shock and injury to persons, do not use in a window.

This product employs overload protection (fuse). A blown fuse indicates an overload or short-circuit situation. If the fuse blows, unplug the product from the outlet. Replace the fuse as per the user servicing instructions (follow product marking for proper fuse rating) and check the product. If the replacement fuse blows, a short-circuit may be present and the product should be discarded or returned to an authorized service facility for examination and/or repair.

- **Do** unplug your circulator before cleaning.
- **Do** clean your Vornado Air Circulator regularly. Refer to the CLEANING instructions provided. Never clean the air circulator in any manner other than as instructed in this manual.
- **Do Not** use gasoline, thinners, solvents, ammonias or other chemicals for cleaning.
- **Do Not** immerse this product in water or allow water to drip into the motor housing.
- **Do Not** use near furnaces, fireplaces, stoves or other high-temperature heat sources.
- **Do Not** position this product too close to draperies because they may be drawn into the rear grill, cutting off airflow.
- **Do Not** use this product outdoors.
- **Do Not** use this product on wet surfaces.
- **Do Not** use this product in a bathtub or shower.
- **Do Not** operate any fan with a damaged cord or plug. Discard fan or return to an authorized service facility for examination and/or repair.
- **Do Not** carry this product by the cord, or use the cord as a handle.
- **Do Not** attempt to repair or replace parts.
- **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.
- **Do** use common sense when using this product and/or any electrical appliance.

# User Servicing Instructions

Grasp plug and remove from the receptacle or other outlet device. Do not unplug by pulling on cord.

Open fuse cover (A.) by sliding access cover on top of attachment plug towards blades.

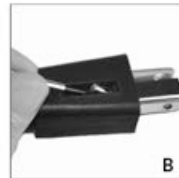
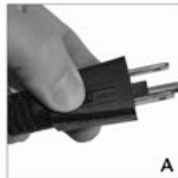
Remove fuse carefully (B.) by gently prying out the ends of the fuse from the receptacle.

Risk of fire. Replace fuse only with 2.5 Amp, 125 Volt fuse. Contact Vornado customer service for replacement fuse. Phone: 1-800-234-0604, email: [consumerservice@vornado.com](mailto:consumerservice@vornado.com)

Install replacement fuse (C.) by first placing the end of the fuse into the fuse receptacle which is opposite of the blades of the plug, then carefully push in the other end. Only push against the metal end of the fuse, not the glass center portion.

Close the fuse access cover (D.) by sliding the cover back into the plug until it is completely closed, latches and is flush with the face of the plug.

Risk of fire. Do not replace attachment plug. Contains a safety device (fuse, AFCI, LCDI) that should not be removed. Discard product if the attachment plug is damaged.



## Features & Benefits

### Feature

### Benefit



3 Speeds

3 speed control to meet any circulation need. To turn on unit - rotate knob one position clockwise. Turn the knob clockwise to decrease airflow. Turn counterclockwise to increase airflow.



Adjustable Airflow

Provides movement of air at any angle – up stairs, down a hallway, room to room and everywhere in between.



Removable Grill

Removable grill ensures the 293HD is easy to clean, even after use in dirty, dusty environments.



Durable Handle

Comfort-grip handle for grab and go portability.



10' Power Cord

Extra-long 10' grounded cord with convenient storage capability.

## Installing Protective Feet

Use the feet to protect floors when using your air circulator on uncarpeted surfaces such as hardwood, vinyl, or tile. The feet are simple to install and will help maintain the whisper-quiet operation.



### Cushion Clip Feet

The cushion clip feet are packaged separately in the box. To install, clip all feet onto the base and space evenly.

## Base Assembly Instructions



1. Loosen the pivot knob by turning counter-clockwise. Remove the pivot knob and slip the legs of the base onto the bolts, in between the washer and the knob.



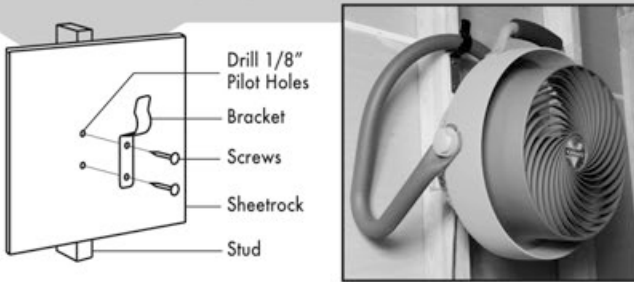
2. Re-install the pivot knobs onto the pivot bolts and tighten by turning clockwise.



## Wall Bracket Installation Instructions

Two brackets are provided to give you two location options. To ensure safe installation, please follow the steps below.

1. Locate the best position for your fan to direct the beam of air from the fan head to your work area.
2. **WARNING:** Brackets **MUST** be installed into a vertical stud, just attaching to sheetrock will not support the fan.
3. Use the bracket as a template to mark the hole location.
4. Drill a pilot hole with a 1/8" drill bit into the stud.
5. Use a slotted or Phillips tip screwdriver to insert both the screws.
6. Use the rubber feet provided with the fan base to minimize noise and head movement.
7. When hanging the fan, be sure that the tube base is fully seated into the hook opening.



## How To Use

1. Position your Air Circulator so the beam of air has an unobstructed path from one side of the room to the other.
2. Set speed to medium and allow a few minutes for an airflow pattern to be established. (Different airflow patterns can be established by changing the location, angle and speed of the Air Circulator.)
3. Adjust the speed accordingly until a desired comfort level is achieved. You will quickly determine the precise amount of circulation required to maintain your personal comfort in a given room for the prevailing temperature and humidity conditions. Once you discover the added comfort of air circulation, you will use your Vornado Air Circulator season after season.

## When To Use – Saves Energy Year-Round

### Summer

Use your Air Circulator with your home's air conditioning system to create brisk, comforting air movement. This breeze will eliminate stagnant air and remove body heat to make you feel cooler.

With Vornado Air Circulators, you can save money on energy bills by raising your thermostat several degrees and still maintaining the same comfort level.

*Use with central or window air conditioning*



*Push cool air up stairs*



### Spring & Fall

Your Air Circulator can make the indoors as fresh and pleasant as the outdoors. Place the Air Circulator near an open window, sliding door or French door to take full advantage of mild temperatures and seasonal breezes.

*Circulate fresh outdoor air*



*Even room temperature*



### Winter

Position your Air Circulator in a place with unobstructed upward air movement. Run it only as fast as necessary to lower the heated air from the ceiling – but not fast enough to create a draft. Or, use your Air Circulator with other available heat sources (furnace vents, wood stoves or baseboard heaters) to circulate their warmth, taking full advantage of all available heat in the room. Do not point the Air Circulator at open flames.

*Increase the efficiency of heating sources*



*Replace cold floor air with warm ceiling air*



## Where To Use - Continued



### Air Exhaust

Use the Vornado 293HD Shop Fan in a doorway or near a window to exhaust air, odors, or airborne particles. If you have more than one door or window open, use the fan in conjunction with prevailing winds, to assist in exhausting air. If you only have one door or window into the room keep the air beam low in the opening to allow fresh air to come in the opening at the top. Do not use this or any portable fan to exhaust flammable vapors.



### Power Drying

Use the Vornado 293HD Shop Fan for power drying projects. The head of the Vornado 293HD Shop Fan can be tilted downward to dry floors or pointed up at walls or ceiling to dry paint or sheetrock. It can also be used to dry finishes on projects, with just the right amount of airflow. Do not set fan on wet surfaces.



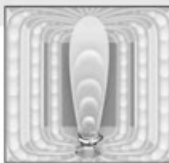
### Air Pump

Use the Vornado 293HD Shop Fan as an air pump. Help move air from one area to another horizontally or vertically. Place the unit in the area you want to pump the air from and point it to the area you would like to send it to. Use it to pump air from one room to another, up a flight of stairs, down a hallway, or to keep cool air directed to a warm spot or machine.



### Direct Cooling

Use the Vornado® 293HD Shop Fan with the air beam pointed directly at you or your workspace. This product has the unique ability to project the beam of air a long distance. Moving air can make you feel up to 5 degrees cooler.



### Whole Room Circulation

Using the Vornado 293HD Shop Fan in a closed room environment will create whole room circulation. The closed room allows the Vornado to create a beam of air that can shoot across a room and then circulate back around the perimeter creating whole room circulation with air moving everywhere in the room. Remember circulating air makes you feel cool and can allow you to lower your cooling bills.



### Winter Energy Saving with Destratification

Use the Vornado 293HD Shop Fan for destratifying winter air. Point the Vornado 293HD Shop Fan straight up to pump the cool air up off the floor and to bring the warm air down from the ceiling making all the air in the room a consistent temperature. Even in just an 8-foot tall room the temperature can vary 10 Degrees F from top to bottom, variation is even greater in taller rooms. Vornado effectively brings this warm air from the ceiling down to the floor where people are; this may allow you to adjust your thermostat and save on heating bills.

## Cleaning & Maintenance



The motor is permanently lubricated and requires no oiling. Because your Air Circulator moves a substantial amount of air, it will need regular cleaning. Unplug the unit before any cleaning activity.



**To clean motor cap and inlet ribs:** Use a common household vacuum. Do not use water to clean these parts of the Air Circulator.



**To clean grill:** To remove the grill; press in on the grill clips by placing your thumbs against the outside surface of the clips. At the same time press them down toward the motor (applying) slight pressure forward may be necessary). Repeat the process against the remaining two clips, then lift the grill out of the cowl. Dust or wipe the grill with a damp cloth with mild soap or a common household cleaner. Do not use solvents. Do not place grill in dishwasher as the excessive heat can distort the plastic.



**To clean blade:** Wipe with a damp cloth. If your Air Circulator is used in a greasy environment, such as a kitchen, mild soap or a common household cleaner may be necessary. Do not use solvents.

**To remove blade:** Just pull on the blade, straight out from the shaft. When replacing, the blade can only go on the shaft one way. Be certain the flat side of the shaft aligns directly with the corresponding flat side on the blade socket. Push the blade all the way on the shaft until it bottoms out. Do not use a hammer as this could result in bearing damage.

**Grill must be reinstalled before use.**

## Vornado Air LLC • Limited Warranty

Term: 5-Year Limited Warranty

Vornado Air LLC ("Vornado") warrants to the original consumer or purchaser this Vornado® Air Circulator ("Product") is free from defects in material or workmanship for a period of five years from the date of purchase, depending on model. If any such defect is discovered within the warranty period, Vornado, at its discretion, will repair or replace the Product at no cost. Repairs not covered by the warranty or outside the warranty period will require a fee to cover the cost of materials, labor, handling and shipping.

This warranty does not apply to defects resulting from abuse of the Product, modification, alteration, repair or service of the Product by anyone other than Vornado, mishandling, improper maintenance, commercial use of the Product, damages which occur in shipment or are attributed to acts of God.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. VORNADO SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

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

For warranty or repair service, call 1-800-234-0604 or email [consumerservice@vornado.com](mailto:consumerservice@vornado.com) to obtain a Return Authorization ("RA") form. Please have or include your Product's model number and serial number, as well as your name, address, city, state, zip code and phone number when contacting Vornado for warranty service. After receiving the RA form, ship your Product to:

**Vornado Air LLC  
Attn: Warranty & Repair  
415 East 13th Street  
Andover, KS 67002**

For your convenience, please have your model number and serial number when contacting Vornado with service inquiries. 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. Please allow 1-2 weeks for repair and return of your Product after the Product is received. For your records: Staple or attach your original sales receipt to this Owner's Guide. Please also write your product's serial number below (located on product specs decal).

Serial No. \_\_\_\_\_

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