



models
143 & 173

TOWER CIRCULATOR
OWNER'S GUIDE

READ AND SAVE
THESE INSTRUCTIONS

vornado.com

We expect this
product to be
perfect.

If it is not, we
will make it
right.

vornado.com
800-234-0604
help@vornado.com

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READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

This owner's guide and any additional inserts are considered part of the product. They contain important information about safety, use and disposal. Before using the product, please familiarize yourself with all operating and safety instructions. Please keep all documents for future reference and pass these documents on, together with the product, to any future owner. See www.vornado.com/circulators-manuals to view, download and print the most current version of these instructions.

INTENDED USE: This product is intended to circulate the air in indoor living spaces only in the United States and Canada. This product is not intended for commercial or industrial use. The manufacturer assumes no responsibility for damage or injury due to unauthorized use or product modification. Failure to follow these directions will void the product warranty.

WARNING: Risk to Children and Impaired Persons

- Supervision is required during the installation, operation, cleaning and maintenance of this product by children 12 years of age and younger and anyone with reduced physical, sensory or mental capabilities. Children should be supervised to ensure that they do not play with the appliance, its parts and packaging material.



WARNING: Chemical burn hazard. Keep batteries away from children.

- **WARNING: KEEP NEW AND USED BATTERIES AWAY FROM CHILDREN.** This product contains a lithium button/coin cell battery. If a new or used lithium button/coin cell battery is swallowed or enters the body, it can cause severe internal burns

and can lead to death in as little as 2 hours. Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention. In the US call the National Poison Control Center at 1-800-222-1222 or 202-625-3333. In Canada call 416-813-5900.

INSTALLATION WARNING—To reduce risk of fire, electrical shock and injury to persons, observe the following:

- Place this product away from curtains, draperies, tablecloths and other fabrics, since they may be drawn into the product, damage the motor and/or cause a fire.
- No part of this product (the appliance, power cord, plug, packaging, etc.) should be placed near furnaces, fireplaces, stoves or other high temperature heat sources. Do not use this product in a window, on an uneven or unstable surface, or near water.
- The appliance, power supply, power cord and plug cannot come into contact with water. Do not use this product on wet surfaces. Do not use this product in a bathtub or shower or position product where it may fall into a bathtub, laundry, swimming pool or other water container. Do not use this product outdoors or expose to weather or elements.
- 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. The cord should not hang over edges of counters or be placed where it can be crimped or closed in doors. Place appliance near an easily accessible outlet so the product can be unplugged quickly during an emergency.

SAFE USE WARNING—To reduce risk of fire, electrical shock and injury to persons, observe the following:

- **WARNING:** To reduce likelihood of circuit overload, fire and electric shock, do not operate with a solid state speed device, such as a dimmer control switch.
- 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 operate unit if the unit has been dropped or damaged. Do not use this product if it has a damaged power cord or plug. To avoid risk of electrical shock, do not attempt to repair or replace parts. Only original replacement parts may be used. If the power cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard. Contact Vornado Consumer Service at 1-800-234-0604 (phone) or consumerservice@vornado.com (email) for further instructions about replacement and repair.
- Before plugging power cord into electrical outlet, be sure that all electrical information on the rating label, including voltage, is compatible with your outlet's power supply.
- Do not sit or stand on product.
- Never use the cord as a handle or otherwise yank, strain or stretch the power cord.
- While the product is plugged in, do not insert or allow foreign objects to enter any input or output opening as this may cause risk of electric shock or fire, or damage the product.
- A loose fit between wall outlet (receptacle) and plug may cause overheating and distortion of the plug. Discontinue use of the product in this outlet. Contact a qualified electrician to replace loose or worn outlets.
- 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. If it still does not fit, contact a qualified

electrician. Do not attempt to defeat this safety feature.

- Before moving, repositioning, servicing, cleaning and when not in use, use the product controls to turn off the power and then unplug. To disconnect from outlet, grasp and pull only the plug. Also, power off and unplug if the product will be left unattended for an extended period of time or during electrical storms.

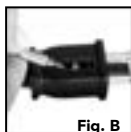
SERVICING WARNING—To reduce risk of fire, electrical shock and injury to persons, observe the following:

- Clean your product regularly, only as is instructed in this manual. Prior to cleaning, turn off the power on your product and unplug. Do not use gasoline, thinners, solvents, ammonias or other chemicals for cleaning. Refer to the CLEANING instructions provided.
- Do not open appliance housing while product is plugged in. To avoid risk of shock, all service and/or repairs must be done by a Vornado Authorized Service Center.
- 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.

User Servicing Instructions

1. Using the product controls, turn off the appliance.
2. Grasp the plug (not the cord) and disconnect from the outlet.
3. Risk of Fire. Replace fuse only with 2.5 Amp, 125 Volt fuse as approved by Vornado Consumer Service. For an authorized replacement fuse, please contact Vornado Consumer Service.
4. Once the replacement is received, use a small flat-head screwdriver to slide open the fuse cover (located on the plug) (See next page, Fig. A).

5. Remove fuse by using the screwdriver to gently lift each end of the fuse (See Fig. B).
6. Install the replacement fuse by using the screwdriver to gently push each metal end of the fuse into the receptacle one at a time. Do not push on the center of the fuse—it is fragile and may break.
7. Slide the fuse cover closed using the screwdriver. When closed, the cover should fit completely in the plug. No part of the cover should stick out (See Fig. C).
8. Plug your appliance into the outlet and turn the power on.
9. 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.



- 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.

FCC Compliance Statement

NOTE: This equipment has been tested and complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC

Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This product generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the product off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the product and receiver.
- Connect the product into an outlet on a circuit different from that to which the receiver is connected.
- Contact Vornado Consumer Service or dealer or an experienced radio/TV technician for help.

This Class B digital apparatus complies with Canadian ICES-003.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the product.

Supplier's FCC Declaration of Conformity

Unique Identifier:

Vornado Models 143/ 173

Responsible Party: Vornado Air LLC

Mailing Address : 415 E. 13TH St., Andover, KS 67002

Contact: www.vornado.com

WARNING: Batteries may pose a choking hazard. Do not let children handle batteries.

BATTERY DISPOSAL: Please dispose of batteries according to the local laws and regulations of your region, and while keeping them away from children. Some batteries may be recycled and accepted for disposal at your local recycling center. **DO NOT DISPOSE OF BATTERIES IN FIRE. BATTERIES MAY EXPLODE OR LEAK.** New and used batteries may cause injury. Keep new and used cells (or batteries) away from children.

SAVE THESE INSTRUCTIONS

FEATURES

REMOTE STORAGE

CARRY HANDLE

**PUSH BUTTON
ELECTRONIC CONTROLS**

ENERGY-SAVING TIMER
1, 2, 4, 8 hour timer.

MULTIPLE SPEEDS
3 speed settings for
every comfort level.

FINGER-FRIENDLY DESIGN
Resists curious fingers.

STURDY BASE
For wobble free airflow.

SILICON FEET
Non-marking feet added
for stability.



**REMOTE
CONTROL**
Convenience at
your finger tips.

GETTING STARTED

BASE ASSEMBLY *Phillips head screwdriver required.*

1. Assemble the two base halves together. Position the base half with the alignment pin, over the other base half with the alignment sockets. Press the two halves together until flush. (See Figure A)

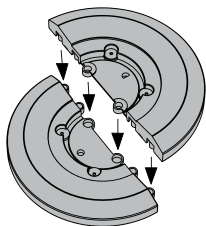


FIGURE A

2. Assemble the base to the tower bottom. With the Tower on its side, align the 4 base sockets onto the Tower bottom pins. Note; one of the 4 pins is "D" shaped to allow it to fit only one way. With the base in position, secure the base bottom to the tower with the 4 Phillip screws provided. Tighten the screws securely but do not over tighten. (See Figure B)

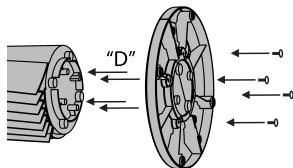


FIGURE B

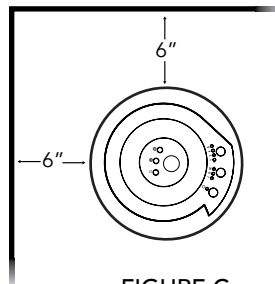


FIGURE C

PLACEMENT NEAR A WALL OR CORNER

Please position at least 6" away from walls or other large surfaces. Doing so will ensure your Tower Circulator has adequate room to intake air, providing optimum performance. (See Figure C)

DIRECTING THE AIRFLOW

Unlike any other tower fan, this product creates a wide span of airflow called V-Flow™ Circulation. The Vornado logo indicates the center point of the V-Flow™ airstream, and can be used as a reference point for positioning the product in the room. (See Figure D)

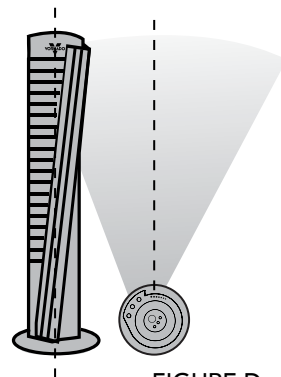
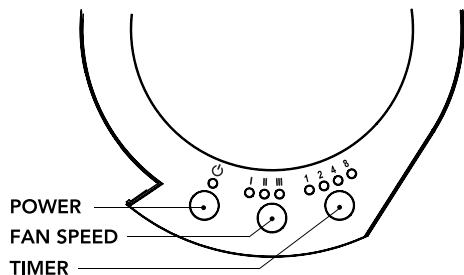


FIGURE D

HOW TO USE



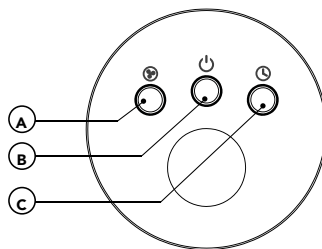
FAN SPEED (A) The fan speed can be adjusted by pressing the SPEED button. Press the button to switch between the unit's speed settings. Lights on the unit's control panel indicate the selected speed setting.

POWER (B) The unit powers ON and OFF by pressing the POWER button. Lights on the unit's control panel indicate the power is ON.

TIMER (C) The unit has an automatic timer to turn the unit OFF at intervals of 1, 2, 4 or 8 hours. To set the timer, turn the unit on and select desired speed. Press the timer button until the desired run time light is illuminated. The unit will continue to run until that amount of time has expired.

REMOTE CONTROL This unit comes with a remote control. The remote control functions are the same as the control panel on the unit. The remote requires a line-of-sight path to allow for the signal to be received by the unit. Position the unit so the receiver lens (located above the Vornado logo) is visible from the remote control. The remote control can be stored with the Tower Circulator using the magnetic bowl-shaped cradle located on the top of the product.

REMOTE CONTROL



REMOTE BATTERY

The remote control comes with a 3 Volt lithium coin cell battery (CR2032). To install, remove the battery cover on the bottom of the remote control. If necessary, clean the battery contacts and also those of the device prior to battery installation. Remove any plastic protection from the battery and place it in the remote with the + side facing out. Ensure the batteries are installed correctly with regard to polarity. Then reposition the cover onto the bottom of the remote. If your remote does not work, please try replacing

with a new 3 Volt CR2032 battery, taking care to always use the correct size and grade of battery for this product.

1. For battery replacement, the remote requires one coin style 3V CR2032 battery. Always use the correct size and grade of battery for this product.
2. To replace battery, open battery door on the back side of the remote control (you will need to loosen the small screw on door using a #1 Phillips screwdriver). If necessary, clean the battery contacts and also those of the device prior to battery installation. Remove any plastic protection from the battery and place it in the remote with the + side facing out. Ensure the battery is installed correctly with regard to polarity. Replace the battery door and screw.

Note: Remove battery from the remote control when not in use for an extended period of time and always remove dead battery immediately and replace with fresh. Do not store dead battery in remote.



WARNING: This product contains a button battery. If swallowed, it could cause severe injury or death in just 2 hours. Seek medical attention immediately.

CLEANING

Because your tower moves a substantial amount of air, it will need regular cleaning. If service is required, return your tower to Vornado (see WARRANTY for instructions).

WARNING: To reduce the risk of electrical shock and injury to persons, unplug the tower before cleaning.

REGULAR CLEANING

1. Unplug tower before cleaning.
2. Use the brush attachment on your household vacuum cleaner to vacuum any accumulated dust off the tower.
3. Wipe down the entire tower with a soft cloth.

Note: Do not use gasoline, thinners, solvents or other chemicals for cleaning. The motor is permanently lubricated and requires no oiling.

TROUBLESHOOTING

PROBLEM

POSSIBLE CAUSE AND SOLUTION

Unit fails to power on.

Unit is not plugged in. Plug Power Cord into electrical outlet.

Unit is damaged or in need of repair. Cease usage and unplug. Contact Consumer Service for assistance.

Fuse needs to be replaced. See IMPORTANT INSTRUCTIONS for how to replace the fuse or contact Consumer Service.

Unit is not producing sufficient amount of air.

Ensure unit is set to highest setting for maximum air circulation.

Allow the unit to fully circulate the air throughout the room, this may take several minutes.

Ensure all air inlets and outlet grille are unobstructed.

Remote Control is not working.

The battery is packaged separately and may not be installed. Refer to CONTROLS - Remote Control Battery for instructions.

The battery is dead. Replace with new 3 volt CR2032 battery. Refer to CONTROLS - Remote Control Battery for instructions.

The remote requires a line-of-sight path to allow for the signal to be received by the unit. Position the unit so the receiver lens (located above the Vornado logo) is visible from the remote control.



WARRANTY

We expect this product to be perfect. If you're not satisfied with this product, let us know.

We're Here To Help
800.234.0604
vornado.com
help@vornado.com

Vornado Air LLC ("Vornado") warrants to the original consumer or purchaser this Vornado® Whole Room Circulator ("Product") is free from defects in material or workmanship for a period of five (5) years from the date of purchase. If any such defect is discovered within the warranty period, Vornado, at its discretion, will repair or replace the Product at no cost.

For warranty or repair service: Call 1-800-234-0604 or email help@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.

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, mishandling, improper maintenance, commercial use or repair or service of the Product by anyone other than Vornado; damages which occur in shipment or are attributed to acts of God. Improper product use, which includes using an external device that

alters or converts the voltage or frequency of electricity, or shipping a Vornado product to a country not intended for use will void all warranties. Any unauthorized product modification, repair by unauthorized repair center, or use of non-approved replacement parts is not recommended and any consequences will not be covered by support services or product warranties. The product warranty will be honored only on models that are being used in the country intended. 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. The manufacturer assumes no responsibility for damage caused by failure to follow these instructions or improper product use. Any such actions will invalidate the product warranty.

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Designed, engineered and supported in Andover, KS

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