

READ AND SAVE THESE INSTRUCTIONS

Turbine Vortex Auto-Duster™ Heater

Owner's Manual



English

Model

AV2200HTR
(All Colors)

Form #AV2200HTR
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Airvana

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Thank you for purchasing the Turbine Vortex 1500 WATT Heater by Airvana. Please read and save these instructions to receive the maximum benefit and performance from your heater.

READ AND SAVE THESE INSTRUCTIONS!

Important Safety Instructions: Read all instructions before using this heater.

- Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.
- **Do not** clean the unit by spraying it or immersing it in water.
- **Never** connect the unit to an electrical outlet using an extension cord. If an outlet is not available, one should be installed by a qualified electrician.
- **Never** operate this appliance if the unit, cord or plug is damaged. Ensure the power cord is not stretched, exposed to sharp object edges, or routed under the unit.
- Any service other than regular cleaning should be performed by an authorised service representative. Failure to comply could result in a voided warranty.
- **Never** use the plug as a switch to start and turn off the heater. Use the provided power button located on the control panel.
- **Do not** use an external timer.
- **Do not** cover the air inlet or outlet, or place items close to the unit which may restrict airflow, as this may present a fire risk.
- The heater must not be located immediately below a power outlet.
- **Always** place the unit on a dry and stable surface. Do not move or tilt the unit
- **Avoid** keeping the unit in direct sunlight for a long period of time.
- The heater is designed to be used at temperatures above -4° F (-20° C). If it is exposed to temperatures below this, it must be allowed to warm above this level before operation.
- **Do not** attempt to repair, disassemble or modify the appliance. This unit contains no user-serviceable parts.
- **Always** unplug or disconnect the appliance from the main power supply when not in use, or when moving or cleaning it. Do not pull the cord to unplug the heater.
- Keep the heater clean. **Do not** allow any object to enter the ventilation or exhaust opening as this may cause electric shock, fire, or damage to the heater.

- **Do not** use the appliance for anything other than its intended use. It is designed for domestic indoor use only.
- There may be a trace of odor during the first few minutes of initial use, or after a period of storage. This is normal and will quickly disappear.
- This appliance has hot parts inside. **Do not** use it in areas where gasoline, paint, or any flammable liquids are used or stored.
- This appliance is not intended for use in bathrooms, laundry areas and similar humid locations.
- **Never** locate this appliance where it may fall into a bathtub or otherwise become exposed to water.
- The remote contains a lithium battery, keep out of reach of small children. Seek medical advice if swallowed.
- To prevent battery leakage: Remove the battery from the remote if exhausted or before long periods of storage.
- **Do not** cover or restrict the airflow. Do not use in dusty environment.
- **Do not** run cord under carpeting.
- **Do not** cover cord with throw rugs, runners, or similar coverings. Do not route under furniture or appliances.
- For safety and maximum performance the minimum distance from a wall or objects should be 20 inches.
- Contact the Airvana® Customer Service Center when service or repair is required.
- **Do not** disassemble the appliance as incorrect reassembly may result in an electric shock.

WARNING:

To reduce the risk of fire or electrical shock, DO NOT use this appliance with any solid state Speed Control Device or any variable speed controllers.



Battery Safety

- The remote contains a lithium battery, keep out of reach of small children. Seek medical advice if swallowed.
- To prevent battery leakage: Remove the battery from the remote if exhausted or before long periods of storage.
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above manufacturer's specified temperature rating or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- Ensure the batteries are installed correctly according to polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

Specifications:

Voltage (V)	Frequency (Hz)	Rotation Angle	Cord Length (ft)	Power (w)
120	60	60°	5.9	1500
Weight (lbs)	Height (in)	Width (in)	Depth (in)	Timer (h)
4.9	7.1	7.1	14.5	12

Features:

- High speed motor with fan mode and 2 heat settings
- Swing function
- 12 hour standby timer
- Remote control allowing all functions to be changed
- Cleanable pre-filter

Initial Setup:

- Pull heater out of box and remove any packaging
- Plug power cord into wall outlet
- Turn on unit by pressing ON/OFF button
- Refer to **Page 8** for more information on operating your heater

Operation:

Your heater may be operated by using either the manual controls located on the front of the fan or by using the remote control.

Power Switch on the Back of the Unit

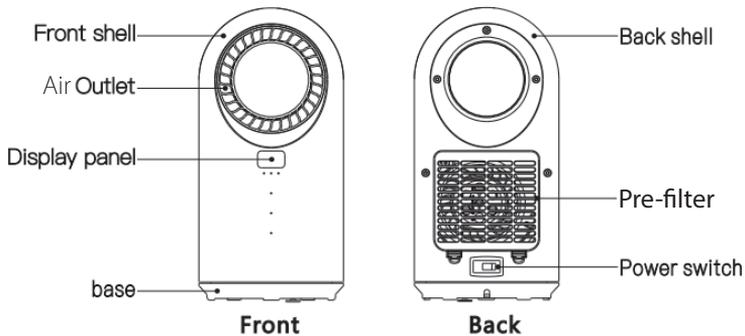
Use this switch to turn the heater ON and OFF. This should be used to turn off the appliance before leaving unattended.

Safety Tip Over Switch

There is a safety tip over switch on the bottom of the heater. If the heater is knocked over or placed on an uneven surface it will automatically shut off.

Place the heater on an even surface and press the On/Off button to restart the unit.

Figure 1



Control Panel and Settings:

Fan Low High

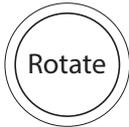
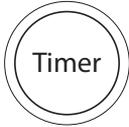
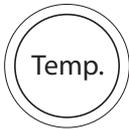


Figure 2

TEMP. BUTTON

Press repeatedly to increase the desired room temperature. Temperature can be set between 60°-99° F. The default temperature starts at 73° F. After pressing the temp button the desired temperature will flash for 3 seconds, before the unit reverts to showing the room temperature. When the desired temperature has been reached the unit will change into fan mode for 2 minutes to cool down internal components. **FIGURE 2**

TIMER BUTTON

Press repeatedly to increase the run time in 1 hour intervals. The timer can be set between 1 hour and 12 hours. The display will show the duration currently set. When the timer is set, the light will illuminate next to the timer button. To cancel the timer, repeatedly press the timer button until 00 is shown. **FIGURE 2**

ROTATE BUTTON

Press to turn the rotate function on and off. When the rotate function is on the horizontal direction of the airflow is slowly moved from side to side and the light will illuminate next to the rotate button. **FIGURE 2**

MODE BUTTON

Press to cycle through the three available modes: fan, low heat and high heat. **FIGURE 2**

ON/OFF BUTTON

Press to turn the bladeless heater ON and OFF during normal use. **FIGURE 2**

Remote Control:

Your heater comes with a remote control that can change all settings.

ON/OFF BUTTON

Press to turn the bladeless heater ON and OFF. **FIGURE 3**

MODE BUTTON

Press to cycle through the three available modes: fan, low heat and high heat. **FIGURE 3**

TEMP. BUTTON

Press repeatedly to increase (+) or decrease (-) the desired room temperature. Temperature can be set between 60°-99° F. The default temperature starts at 73° F. After pressing the temp button the desired temperature will flash for 3 seconds, before the unit reverts to showing the room temperature. When the desired temperature has been reached the unit will change into fan mode for 2 minutes to cool down internal components. **FIGURE 3**

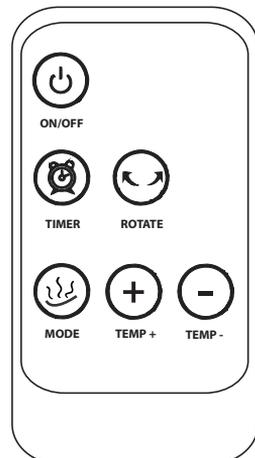
TIMER BUTTON

Press repeatedly to increase the running time in 1 hour intervals. The timer can be set between 1 hour and 12 hours. The display will show the duration currently set. When the timer is set, the light will illuminate next to the timer button. To cancel the timer, repeatedly press the timer button until 00 is shown. **FIGURE 3**

ROTATE BUTTON

Press to turn the rotate function on and off. When the rotate function is on the horizontal direction of the airflow is slowly moved from side to side and the light will illuminate next to the rotate button. **FIGURE 3**

Figure 3



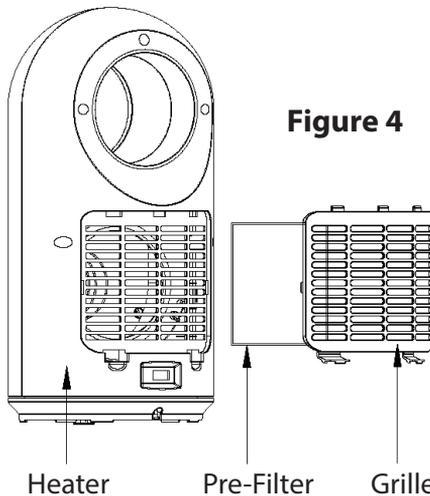
WARNING: Shut off the unit and unplug it before cleaning or performing any maintenance.

Cleaning the Surface:

1. Clean the heater with a duster or a soft damp cloth.
2. Do not use chemical solvents (such as benzene, alcohol or gasoline) as they may cause irreversible damage.
3. Make sure no water enters the control panel or gaps in the casing.
4. Do not run the unit until completely dry.
5. Place the heater in its original box or cover to protect it from dust when not in use.
6. Store it in a cool dry place.

Cleaning the Auto Duster™ Pre-Filter:

1. Turn off and unplug heater from power source.
2. Push up on prongs to release back grille. **FIGURE 4**
3. Remove filter from grille.
4. Vacuum filter with vacuum's brush attachment. Hold down pre-filter to prevent being sucked into vacuum. DO NOT use water any liquid or detergent to clean the pre-filter.
5. If needed, clean grille with a soft, damp cloth.
6. Align filter in grille and ensure filter is laying flat.
7. Insert top tabs of grille into heater.
8. Push grille towards fan until the bottom prongs securely snap into place.



Filter Ordering:

Although the Auto Duster™ pre-filter is meant to be permanent, it may lose efficiency over time. If the pre-filter is no longer easily cleanable, replacements are available at www.airvanaair.com.

Model #	Filter Part #	Type
AV2200HTR (All Colors)	LP-PF2000-HTR	Replacement Pre-Filter, 2 Pack

Replacing Remote Batteries

The remote control is powered by a Lithium Button Cell Battery (CR2025). Should the remote become unresponsive, replace the battery following the instructions below:

1. Turn over the remote, remove screw with Philips screwdriver, press tab "A" to the right **FIGURE 5**
2. Slide out the battery tray "B" **FIGURE 6**
3. Replace the battery with the same type, ensuring the positive side is facing upwards **FIGURE 7**
4. Slide the battery tray back in

Figure 5

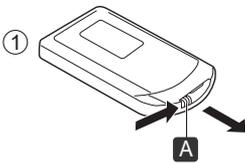


Figure 6

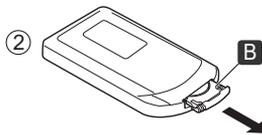
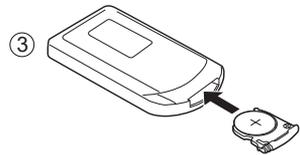


Figure 7



WARNING	
<ul style="list-style-type: none"> • INGESTION HAZARD: This product contains a button cell or coin battery • DEATH or serious injury can occur if ingested. • A swallowed button cell or coin battery can cause Internal Chemical Burns in as little as 2 hours. • KEEP new and used batteries OUT OF REACH OF CHILDREN • Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body. 	

Reset Heater

Your heater has a multilevel safety shut-off system designed to prevent overheating. Overheating may occur when the inlets or outlets are blocked. If this happens, the safety shut-off system cuts power to the heater and you must manually reset the heater.

1. Power heater Off, then unplug power cord.
2. Remove any obstructions.
3. Wait 5-10 minutes, allowing heater to cool down.
4. Plug in power cord and place heater in desired position.
5. Power heater On. Your heater should now function normally.

Problem: No Power

1. Make sure the power cord is plugged in
2. Make sure there is power to the socket
3. Ensure the power switch on the back of the unit is in the "On" position

Problem: Strange Odor

This is normal for new units and when the unit is used for the first time in a while. The fan motor may produce an odor which will dissipate within a week of use. No action is required.

Problem: Strong Vibrations & Loud Noise

1. Make sure the unit is placed on a flat surface
2. Try putting an anti-vibration mat underneath the unit
3. Unit may be damaged. Discontinue use and contact customer service.

WARNING: DO NOT attempt to take apart the unit by yourself. Doing so may void your warranty and cause damage to the heater or personal injury.

Technical Support

If you need any assistance with setup, operation, or parts for your new Airvana® unit, please call us. Our technical support staff is ready to help!

USA/Canada: 888-704-2112

Email: info@airvanaair.com

Hours of operation are from 8:00 AM to 6:00 PM ET, Monday through Friday. You may also contact us online at **www.airvanaair.com**.



Warranty

1 Year Guarantee

Mindful, LLC makes the following limited warranty to the original residential user or consumer purchaser of the **Heater**: If any part of the **Heater** fails one (1) year from date of purchase due to a defect in material or workmanship, we will provide a replacement part free of charge. If no replacement part can be provided, we will replace your **Heater**. For two (2) years from date of purchase, if the **Heater** motor fails when operated and maintained according to instructions attached to or furnished with the product, Mindful, LLC will repair or, at our option, replace your **Heater** with an identical or comparable **Heater**. This warranty does not cover the pre-filter or HEPA filter. Failure to clean and/or maintain the **Heater**, including cleaning filters when necessary, will invalidate this warranty.

IF THE ORIGINAL RESIDENTIAL USER OR CONSUMER PURCHASER CEASES TO OWN THE **HEATER**, THIS WARRANTY AND ANY IMPLIED WARRANTY WHICH THEN REMAINS IN EFFECT, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE VOIDED. THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. THE DURATION OF ANY IMPLIED WARRANTY, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS EXPRESSLY LIMITED TO THE PERIOD OF THE EXPRESS WARRANTY SET FORTH ABOVE.

This warranty is voided if your **Heater** is not purchased and used in the USA or Canada.

This warranty excludes and does not cover defects, malfunctions, or failures of the **heater** which were caused by repairs by persons not authorized by us, use of parts, or accessories not authorized by us, mishandling, possession, or unreasonable use, including failure to provide reasonable and necessary maintenance. This warranty does not cover **heaters** used in commercial applications. There are no express or implied warranties as to commercial purchasers or users.

What is not covered:

- Units that are sold “as is”, are used, or sold by unauthorized resellers (an unauthorized reseller is defined as any third-party reseller who has no official relationship with Mindful, LLC.). Mindful, LLC will have the final determination regarding who an unauthorized reseller is determined to be.
- Shipping or freight charges to return products for warranty service.
- Commercial or non-residential use or use inconsistent with the product instructions and manuals.
- The following parts (if included) are not covered: light bulbs, batteries, filters, remotes, etc.
- Defects or damage resulting from accident, misuse, abuse, alteration, fire, floods, or acts of God.
- Cosmetic damage (e.g., scratches, dents, chips, and other damage to finishes), unless such damage results from defects in materials and workmanship and is reported within 30 days from date of delivery.
- Units with original, factory installed model numbers removed, altered, or not easily determined.
- Damage resulting from improper packing of products returned for warranty service.
- Replacement parts, repair labor costs and/or replacement of a “failed” **heater** operated outside the United States and Canada.



To obtain service, contact Airvana® Customer Service at **888-704-2112**. You will be responsible for insurance and freight or other transportation to our factory service center. We will return the freight prepaid. The **Heater** should be properly packaged to avoid damage in transit since we will not be responsible for any such damage. Proof of purchase is required when requesting warranty service. The purchaser must present sales receipt or other document that establishes proof of purchase.

IN NO EVENT SHALL **MINDFUL, LLC.** BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, CONSEQUENTIAL OR INCIDENTAL DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE **HEATER**. YOUR SOLE REMEDY WILL BE REPAIR OR REPLACEMENT AS PROVIDED ABOVE. SOME AMERICAN STATES AND CANADIAN PROVINCES DO NOT ALLOW:

- LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS;
- THE EXCLUSION OR LIMITATION OF DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES; THE EXCLUSION OR INVALIDITY OF EXPRESS OR IMPLIED WARRANTIES IF THE USER CEASES TO OWN THE **HEATER**;
- THE LIMITATION OF THE REMEDIES AND RECOURSES AVAILABLE TO THE PURCHASER; OR THE INVALIDITY OF AN EXPRESS WARRANTY WHEN A PRODUCT IDENTIFIED BY BRAND NAME IS NOT USED (UNLESS SPECIFIC CONDITIONS ARE FULFILLED); SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

**To request warranty service, visit www.airvanaair.com
or call 888-704-2112**