



# Owner's Handbook

read & save these important instructions



HELLO, I'M  
*Sensa*

## whole room heater

with cribside™ temp sensing



# Welcome to Vornadobaby

Thank you for choosing to put a Vornadobaby product in your nursery. Our goal is to provide healthy, comfortable air - through every season. Vornado has been doing this for quite a while now. We've brought all our experience in air health and comfort, and tailored it exclusively for your nursery.

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A THIRD  
generation  
NAME

Vornado

Vornado began in 1945, continues to revolutionize airflow today and is now tailored for the nursery.



 vornadobaby™

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# READ ALL INSTRUCTIONS BEFORE USING THIS HEATER 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](http://www.vornado.com) to view, download and print the most current version of this owner's guide.

**INTENDED USE:** This product is intended to heat and circulate the air in indoor living spaces only. This product is intended for floor use only. This product is not intended for commercial or industrial use. This heater is not intended for use in bathrooms, laundry areas, and similar damp locations. 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:** When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, injury to persons, and hyperthermia, including the following:

**WARNING: Risk to Children and Impaired Persons**

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

**WARNING: Risk for Heat Stroke (Hyperthermia)**

- Hyperthermia can result in death. Symptoms of hyperthermia include high body temperature, headache, nausea, vomiting, tiredness, dizziness, fainting, and rapid pulse. If you begin to experience symptoms related to hyperthermia, turn off the heater and seek medical attention.
- To avoid excessive room temperatures which can cause hyperthermia: DO NOT leave product running unattended in a confined space around infants, or individuals with reduced physical, sensory, or mental capabilities.

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

- A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored.

- Do not use this heater in an RV, boat or during any application where battery power is converted to AC power.
- Place this product at least 3 feet away on all sides from electrical outlets, furniture, pillows, bedding, papers, clothes, curtains and other objects that may cause or catch on fire. Do not place the heater near a bed because objects such as pillows or blankets can fall off the bed and be ignited by the heater.
- To prevent a possible fire, do not place the heater on soft surfaces, like a bed, where air intakes or exhaust can be blocked in any manner.
- 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 on an uneven or unstable surface.
- Do not use this product on an elevated surface such as a shelf or desktop. Use only while placed on the floor. Operate only in the upright position.
- This 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 where it may fall into a bathtub, shower, laundry, swimming pool or other water container. Do not use in a window, outdoors, or exposed to weather or elements.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route 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.
- Do not modify the product with any aftermarket accessory.

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

- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- Extreme caution is required at all times a heater is in operation. Always unplug heater when not in use. Vornado does not recommend unattended and unsupervised use of this heater.
- 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.
- 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 this heater on a surge-protected unit or Ground Fault Circuit Interrupted (GFCI) outlet.
- 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.
- 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 use this heater with a timer designed to automatically turn the unit on or off, as this may accidentally disable the heater's thermal cutout safety feature.
- Use of this appliance on the same electrical circuit as another high energy use product, such as a vacuum cleaner, blender, variable speed fan or circular saw is not advised.

- Risk of fire. Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Discard heater, or return to a Vornado authorized service facility for examination and/or repair.
- Do not sit or stand on product.
- Never use the cord as a handle or otherwise yank, strain or stretch the power cord.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
- Check your heater cord and plug connections. A loose fitting outlet can cause the plug to overheat or cause a fire. Be sure plug fits tight in the outlet. Check frequently during use to make sure plug and outlet are not hot. If so, discontinue using heater and have outlet replaced by a qualified electrician.
- Never ignore the signs of an electrical problem, such as: warm outlet coverplates, sparks when plugging in or operating, lights flickering/dimming during operation. Immediately turn off and unplug the appliance if any such problems are noticed. Contact a qualified electrician to investigate possible causes before operating the appliance again.
- **Note:** Heaters draw more current than small appliances, overheating of the outlet may occur even if it has not occurred with the other appliances.
- 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.

- This product's power cord is equipped with a three-prong, grounded plug that must be inserted into a grounded receptacle. Connect to properly grounded outlets only.
- This heater is for use with 120 volt electrical outlets. The cord has a plug as shown at A in Figure 68.1, below. An adapter as shown at C is available for connecting three-blade grounding-type plugs to two-slot receptacles. The green grounding lug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box. The adapter should not be used if a three-slot grounded receptacle is available.

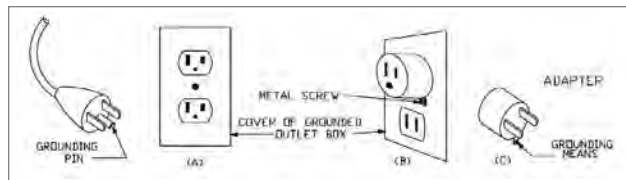


Figure 68.1

If your heater suddenly stops working:

- This heater is equipped with a thermal cutout safety feature designed to automatically shut off when overheating is detected. See the "RESET HEATER" instructions in this guide to determine how to check and reset the heater.
- If the heater and other electrical products suddenly stop working at the same time, your home circuit breaker or fuse may have tripped due to an overload of power. Consider only running your heater on the "low" setting, only running one heater at once and unplugging all other electrical products while running the heater, and/or

hiring an electrician to install an additional circuit to your home's electrical system.

**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.

**FCC Compliance Statement**

This device 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.

**NOTE:** 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 equipment 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 equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment 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 equipment and receiver.
- Connect the equipment 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.

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

**Supplier's FCC Declaration of Conformity**

Unique Identifier: Vornadobaby Model Sensa

Responsible Party: Vornado Air LLC

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

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

**RF Exposure Statement:** This product complies with the FCC RF exposure limit set forth for an uncontrolled environment and is safe for intended operation as described in this manual.

**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



# Safety Features

**Plug It In Safely!** Your Sensa has a 6 ft. power cord, covered for additional safety. Vornado recommends placing product as close to an outlet as possible and securing the remaining cord.



## Locking Controls

Keep Sensa Off when not in use or lock in your desired settings.



## 2 Stage Overheat Safety Shut Off

If airflow becomes blocked and overheating occurs, the heater will shut off.



## Finger-Friendly Design

Resists curious fingers.



## Tip Over Protection

Sensa will automatically shut off if tipped over.



## Cool-Touch Case

Safe to touch, even on high heat setting.



## Covered Power Cord Storage

Safely store power cord inside base of Sensa.

# Sensa Controls



① Power (⏻)

② Temperature (+/-)

③ Heat (🔥)

④ Control Lock (🔒)

⑤ Timer (🕒)

# Plug In & Placement

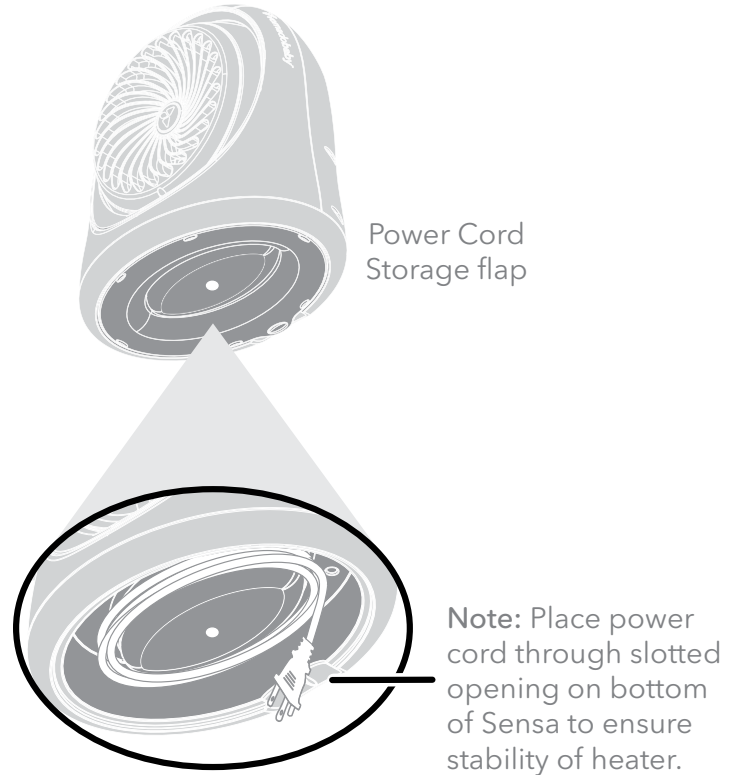
## Power Cord Storage

For your convenience and safety the Power Cord Storage keeps the power cord neat and out of harms way.

1. Lift the Power Cord Storage flap to locate plug, then unwind the power cord stored inside.

**Safety Tip:** Power cords increase strangulation risks. Secure as much excess cord as possible inside the Power Cord Storage.

Keep Your Smoke Alarms in Good Working Order! Be sure your smoke alarms are installed, tested and working according to its manufacturer's standards.

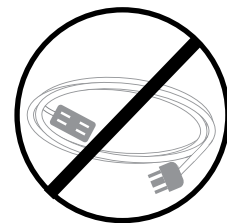
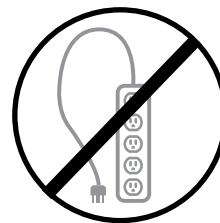


## Set Up

1. Position Sensa so the vortex beam of air is directed across the room, unobstructed.
2. Plug power cord into grounded wall outlet.

**Safety Tip:** It is best to position Sensa close to the power outlet and store excess power cord inside the Power Cord Storage.

Place Sensa away from walkways, doorways and anywhere it may pose a tripping hazard.



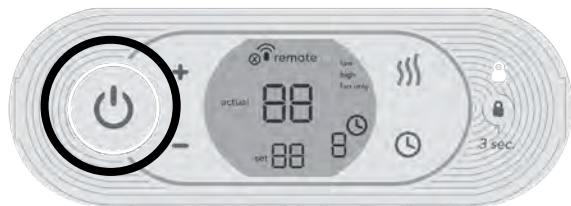
## DISPOSAL

Dispose of all packaging materials in an environmentally responsible manner.

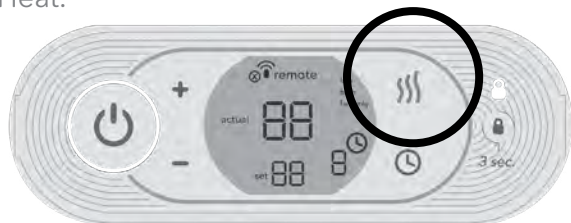
# How To Use

## Operation

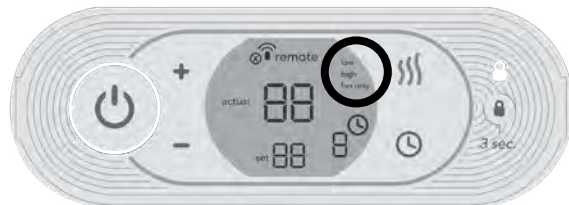
1. Press Power button On (⏻). The red light and Control Panel will illuminate when On. The Control Panel will dim after approximately 15 seconds.



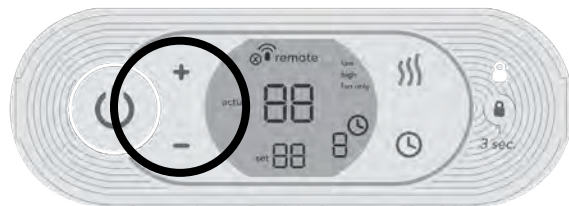
2. Select Heat setting (≡). Low Heat 600 watts or High Heat 1200 watts. The Control Panel display will turn pink on Low Heat and orange on High Heat.



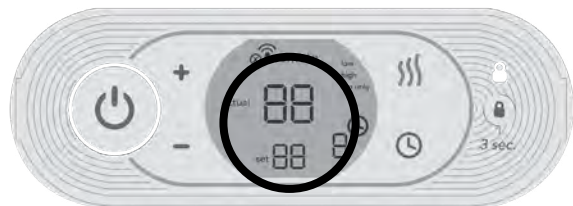
3. For fan use only without heat, select Fan Only on the Heat setting. The Control Panel display will turn blue.



4. Set desired Temperature by the pressing the (+/-) button.



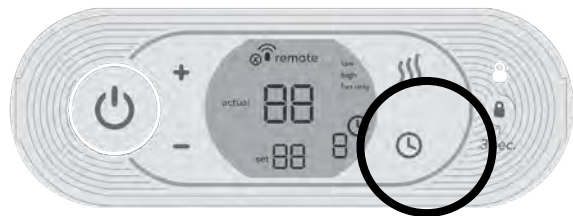
5. The Actual temperature will display the room temperature. The Set temperature will display the desired temperature setting.



**Note:** Previous control settings are kept for the next time the unit is powered On, unless unit is unplugged or tipped over.

To change between Fahrenheit and Celsius, press (+) and (⏏) at the same time and hold for four seconds.

6. Press the Timer (⌚) to turn the unit off automatically. Adjust in 1 hour intervals, up to 12 hours, by pressing either (⌚) or (+/-). To cancel Timer operation, select 0 hours or hold (⌚) for three seconds.



**Sensa features a child-resistant button, keeping the heater in parents' desired setting.**

### Locking Controls

1. To engage this feature press and hold the Control Lock button (🔒) for 3 seconds. The Control Lock icon will blink 3 times rapidly to show it is locked.



**Note:** The Control Lock icon will blink 3 times if any button is pressed while the Control Lock is engaged. While this feature is engaged you will not be able to change the settings or Power the unit On or Off. If the unit is powered Off, you may still engage the Control Lock.

2. To turn this feature Off press and hold the Control Lock button (🔒) for 3 seconds.

**Note:** If Sensa is tipped over, all power will automatically shut-off. The Control Lock feature will remain engaged.

# Crib Sensor Remote

To keep your baby comfortable, use the wireless Crib Sensor Remote (CSR). The CSR will sense the temperature at its location, up to 15 feet away from Sensa. On the control panel, the Actual temperature will display the approximate temperature of the room at the location of the CSR.

**Note:** Due to product testing, your CSR may already be synced. If so, a solid green light will appear on your Sensa once the CSR is powered On. If not, sync the CSR using the steps below.

## Sync Crib Sensor Remote

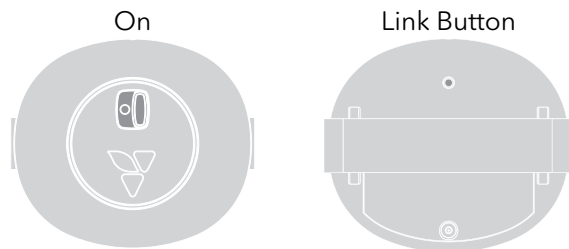
You should only need to set up the connection one time upon first use of your Sensa. If for some reason the CSR loses its connection – repeat these instructions.

**Note:** Sensa must be powered On to sync the CSR.

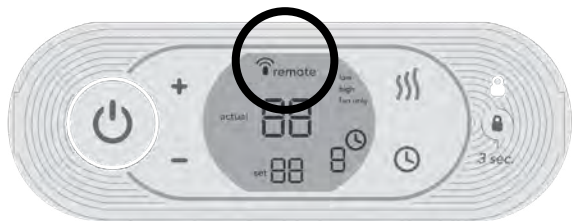
1. Place 2 AA batteries (included) into CSR. Ensure the screw is securely installed.
2. Slide the switch to the On position. Flip over the CSR and press the link button for 3-5 seconds. A green light on the front of Sensa

will begin to blink. While the green light is blinking, release the link button. Press the link button again to fully sync. Green light will remain solid.

3. The CSR is linked when the green light remains On and the LCD Screen displays the word "remote". For accuracy Sensa will send a signal to the CSR every 3 minutes.







## Stop Crib Sensor Remote Sync

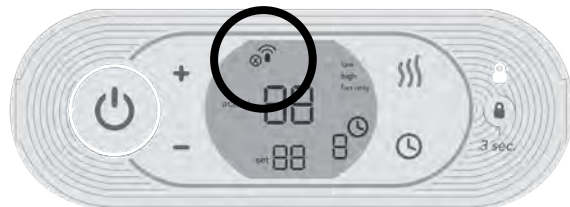
1. To turn the CSR Off, slide the switch to the Off position. The green light will begin to blink. After approximately 4 minutes the green light will turn Off.

Off

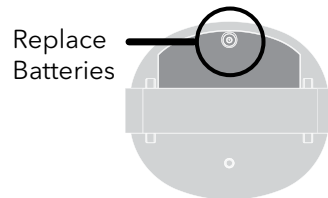


**Note:** If the CSR is not active, then the Sensa will make adjustments based on the unit's thermostat as opposed to the temperature at the CSR location.

2. If CSR is Off or not within range of Sensa the green light will not be illuminated and the (X) icon will appear on the LCD Screen.



**Note:** To replace batteries, open battery door on the back side of the CSR (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.

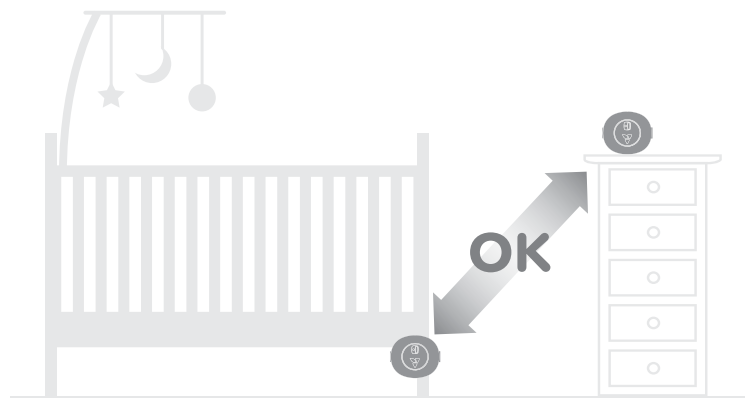


Replace  
Batteries

## Crib Sensor Remote Placement

1. Attach the CSR to the crib or place the CSR near the crib, but out of reach from child . The CSR will now monitor the selected Heat setting.

**! DO NOT PLACE CSR IN CRIB**

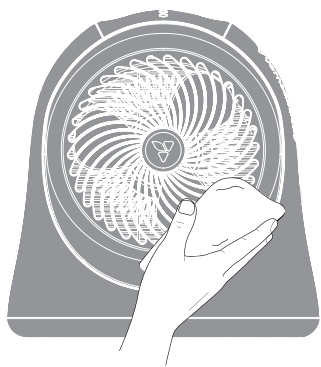


# Keeping Sensa Clean

Because Sensa moves a substantial amount of air, it will need regular cleaning. Cleaning the outside of the heater is recommended on a weekly basis.

## Cleaning the Grille

1. Power Sensa Off and unplug.
2. Use the brush attachment on your household vacuum cleaner to vacuum any accumulated dust on the unit or wipe down the entire surface with a soft, dry cloth.



**Note:** Do not use gasoline, thinners, solvents or other chemicals for cleaning.

**Note:** Do not modify Sensa with any aftermarket accessory.



You should periodically blow out Sensa with pressurized air to keep heat element and motor clear of dust, hair and debris that can build up inside the heater as it moves air during use. This also eliminates unwanted odors caused by accumulation of these particles inside the unit.

**Always unplug Sensa before starting any part of the cleaning process.**

# Tips

## Resetting Your Vornado Heater

Your Vornado Sensa has a multilevel safety shut-off system designed to prevent overheating. If this happens, the safety shut-off system will cut power to the heater and you will need to manually reset Sensa.

1. Press Power Button Off and unplug Sensa.
2. Remove any obstructions and wait 5-10 minutes, allowing Sensa to cool down.
3. Plug in Sensa and press Power Button to On. Your Vornado Sensa is ready.

**Note:** If the safety shut-off system repeatedly shuts off Sensa or if it will not reset, DO NOT ATTEMPT TO DISASSEMBLE SENA. Call Vornado Consumer Services toll-free at 1-800-234-0604.

- During the off-season or after extended periods of non-use, you may choose to store Sensa. To ensure long life of the product, it is recommended to store Sensa by following these instructions:
  - Always set Power Button to Off and unplug Sensa before cleaning.
  - After unplugging unit, wrap cord neatly inside the Power Cord Storage
  - Thoroughly clean Sensa. Use the brush attachment on your household vacuum cleaner to vacuum any accumulated dust on Sensa or wipe down the entire surface with a soft, dry cloth.
  - Cover, or place Sensa back into retail carton if available. This will prevent the unit from accumulating dust over time.
  - Store unit in a cool and dry location.
- The motor is permanently lubricated and requires no oiling. Do not use gasoline, thinners, solvents or other chemicals for cleaning.

# Troubleshooting

<b>Unit fails to power on.</b>	Unit is not plugged in. Plug Power Cord into electrical outlet.
	Household circuit breaker / ground fault interrupter has tripped or blown a fuse. Reset circuit breaker / ground fault interrupter, or replace fuse (See IMPORTANT SAFETY INSTRUCTIONS).
	The unit has overheated. Automatic Safety Shut-Off has initiated (See RESETTING YOUR VORNADO HEATER).
	Unit is damaged or in need of repair. Cease usage and unplug. Contact Consumer Service for assistance.
<b>Unit fails to power off.</b>	Check to see if the unit is locked. If lock icon is lit, hold down on icon (for 3 seconds) until the light turns off. If the unit is unlocked and still does not power off, unplug unit and contact consumer service.
<b>Unit is not producing sufficient amount of heat.</b>	Ensure unit is set to High Heat and thermostat is set to highest temperature setting.
	Close all doors and windows to contain heat.

<b>Unit is not producing sufficient amount of heat. (cont.)</b>	<p>Allow the unit to fully circulate the heat throughout the room, may take several minutes.</p>
<b>Unit power on but there is no heat.</b>	<p>Power off and unplug the unit. On the bottom of the unit, there is a gray tip over switch. Push in 4-5 times ensuring it is not stuck. Set unit down on flat surface. Be sure power cord is not under unit. Plug unit in and power on. Turn to highest heat setting.</p>
<b>CSR remote will not sync.</b>	<p>Make sure the CSR is within 15 feet of unit.</p>
	<p>Reset the CSR remote to re-establish connection (See CRIB SENSOR REMOTE).</p> <p>Replace batteries. <b>Note:</b> Even when Sensa is powered off, to maximize battery life, it is recommended you turn the CSR remote off (slide switch to the off position).</p>



# Happy Parent Guarantee

Call Toll Free  
800.234.0604  
vornado.com  
help@vornado.com

If you're not satisfied with this product, let us know. We'll go the extra mile to ensure you're a happy Vornadobaby parent!

Vornado Air LLC ("Vornado") warrants to the original consumer or purchaser this Vornadobaby® Sensa Whole Room Heater ("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](mailto: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. Or to file a contactless warranty claim, visit [vornado.com/contact-us](http://vornado.com/contact-us).

#### 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.

Product registration available online at [www.vornado.com](http://www.vornado.com)

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 or injury caused by failure to follow these instructions, improper product use or unauthorized product modifications. Any such actions will invalidate the product warranty.

All company names and product names are trademarks of their respective owners. © All rights reserved. All technical information, data and instructions for the installation, connection and operation contained in these instructions for use correspond to the latest available information at time of printing. The contents of this manual may differ slightly from the actual product. Observe any additional supplements.



Designed, engineered and supported in Andover, KS

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Speak your mind [vornado.com/reviews](https://vornado.com/reviews)

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