



Owner's Handbook

read & save these important instructions

manual del propietario

lea y guarde estas instrucciones importantes

mode d'emploi

lire et conserver ces instructions importantes



HELLO, I'M
Sunny CS

nursery heater

Hola, me llamo Sunny CS, calefactor de cuartos de niños con sensores de temperatura cribside™.
Bonjour, je suis le ventilateur chauffant Sunny CS, doté du détecteur de température cribside™.

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.

A THIRD
generation
NAME

Vornado®



vornadobaby™

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

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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 our website 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 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

- Extreme caution is required during the installation, operation, cleaning and maintenance of this product by or around children under age 12 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.

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 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 it 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.

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. Note: GFCI outlets are typically found in bathrooms and kitchens and feature a "reset" button to prevent tripping of an electrical circuit.
- 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.
- **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. 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. 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.

- Risk of fire. Do not operate if it has been dropped or if damage is apparent to any part of the unit including the cord and plug. Only original replacement parts may be used.
- 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 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.
- This heater is for use with 120 volt electrical outlets. The cord has a plug as shown at A in Figure 65.1, 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.

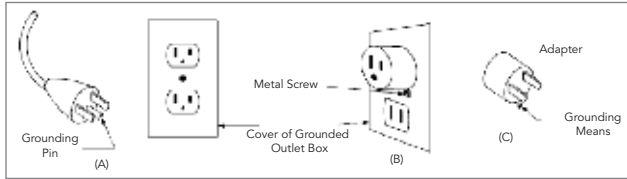


Figure 65.1

- 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.
- 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.

DISPOSAL WARNING

To reduce waste and environmental harm, observe the following:



PACKAGE RECYCLING: The packaging protects the appliance from transport damage. The packaging materials are selected from the point of view of their environmental friendliness and disposal technology and are therefore recyclable. Dispose of all packaging materials in an environmentally responsible manner.

This Device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause interference, and 2) this device must accept any interference, including interference that may cause undesired operation of the device. This heater operates with an RF (Radio Frequency) remote control. Interference with other remote control products in your home is possible.

This device complies with Industry Canada's licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device. Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Note: Please recycle or dispose of batteries per local regulations.

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

PRECAUTION: Do not dispose of batteries in fire. Batteries may explode or leak.

WARNING: Battery Leakage

Sunny CS remote uses AA batteries. It is recommended to use

rechargeable nickel metal hydride (NiMH) batteries or high quality alkaline batteries. If you use rechargeable nickel metal hydride (NiMH) batteries, be sure to follow the manufacturer's guidelines for safety and proper usage.

Leakage of battery fluid can cause personal injury as well as damage to your Sunny CS remote. If battery leakage occurs, thoroughly wash the affected skin and clothes. Keep battery fluid away from your eyes and mouth. Leaking batteries may make popping sounds.

To avoid battery leakage:

- Do not mix used and new batteries (replace all batteries at the same time).
- Do not mix different brands of batteries.
- Do not use Lithium ion, nickel cadmium (NiCad), or carbon zinc batteries.
- Do not leave batteries in your Sunny CS remote for long periods of non-use.
- Do not recharge alkaline or non-rechargeable batteries.
- Do not put the batteries in backwards. Make sure that the positive (+) and negative (-) ends are facing the correct directions. Insert the negative end first. When removing batteries, remove the positive end first.
- Do not use damaged, deformed or leaking batteries.
- Do not dispose of batteries in a fire.

SAVE THESE INSTRUCTIONS

Safety

Plug It In Safely! Your Sunny CS 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 Sunny CS 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

Sunny CS 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 Sunny CS.

Sunny CS Controls



- ① Power (⏻)
- ② Temperature (+/-)
- ③ Heat (🌊)
- ④ Control Lock (🔒)
- ⑤ Timer (🕒)

Plug In & Placement

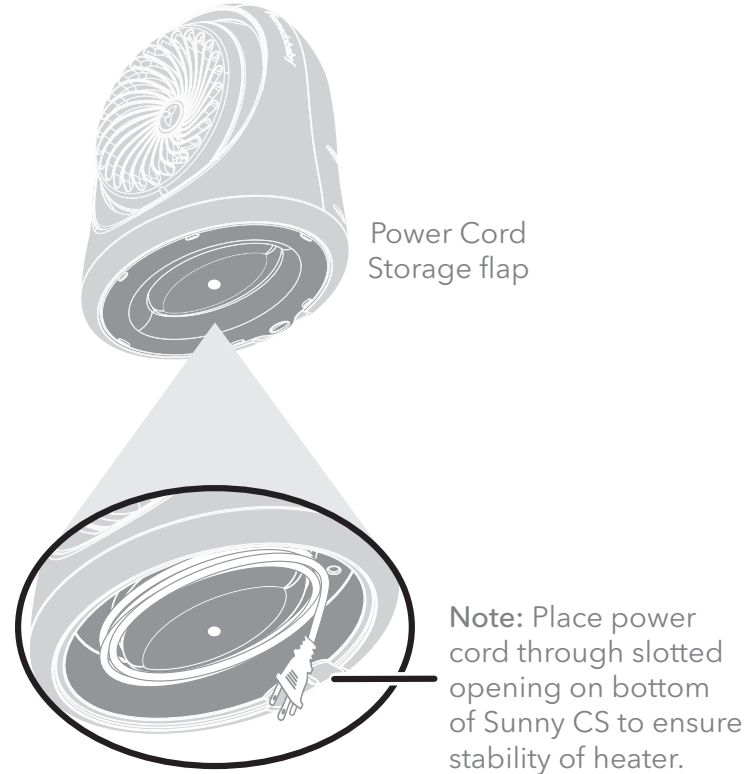
Power Cord Storage

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.

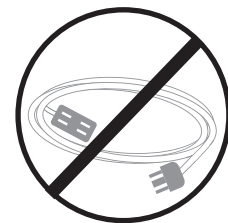
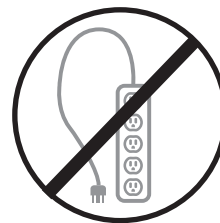


Set Up

1. Position Sunny CS 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 Sunny close to the power outlet and store excess power cord inside the Power Cord Storage.

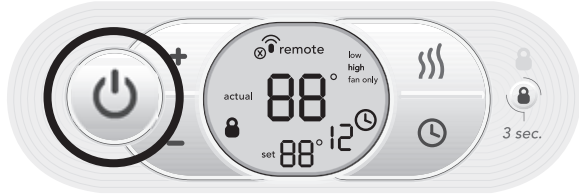
Place Sunny away from walkways, doorways and anywhere he may pose a tripping hazard.



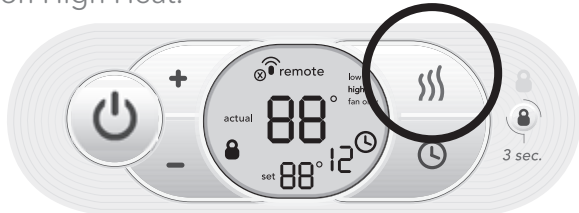
How To Use

Operation

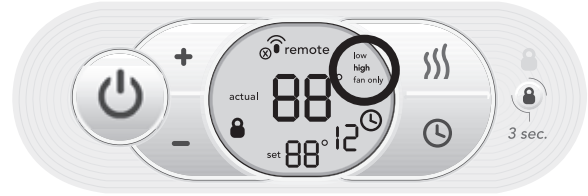
1. Press Power button On (⏻). The red light and Control Panel will illuminate when On. The Control Panel will dim after approximately 20 seconds.



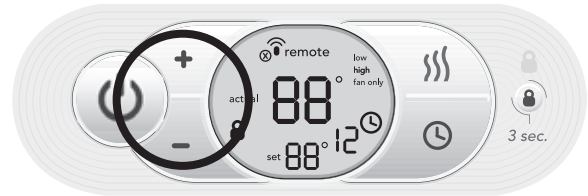
2. Select Heat setting (⏻). Low Heat (I) 600 watts or High Heat (II) 1200 watts. The Control Panel display will turn pink on Low Heat and orange on High Heat.



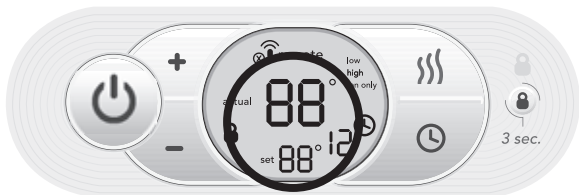
3. For fan use only without heat, select Fan Only (FA) on the Heat setting. The Control Panel display will turn blue.



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

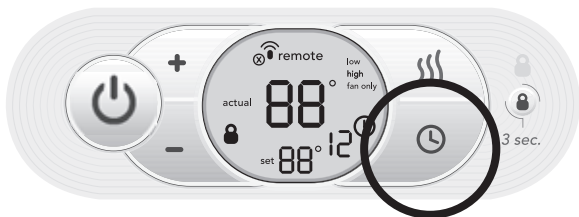


5. The Actual temperature will display the room temperature. The Set temperature will display the desired temperature setting.



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

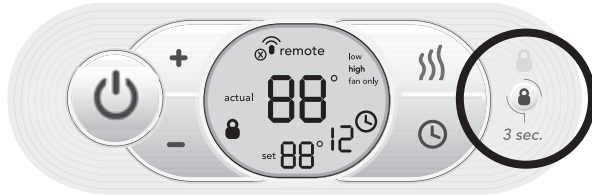
6. Press the Timer (🕒) to turn the unit Off automatically in 2 hour intervals, up to 12 hours.



Sunny CS 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 Sunny CS is tipped over, all power will automatically shut-off. The Control Lock feature will be disengaged.

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 Sunny CS. On the control panel, the Actual temperature will display the approximate temperature of the room at the location of the CSR.

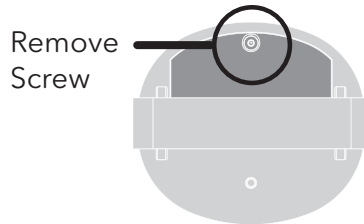
Note: Due to product testing, your CSR may already be synced. If so, a solid green light will appear on your Sunny CS once the CSR is powered On. If not, sync the CSR using the steps below.

Sync Crib Sensor Remote

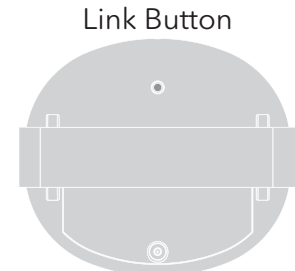
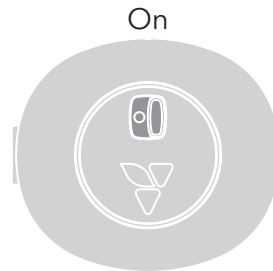
You should only need to set up the connection one time upon first use of your Sunny CS. If for some reason the CSR loses its connection - repeat these instructions.

Note: Sunny CS must be powered On to sync the CSR.

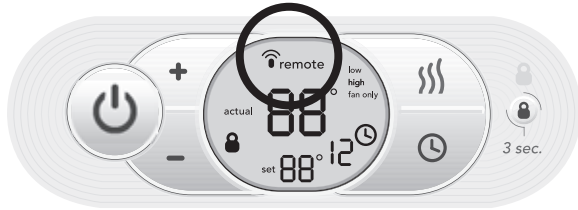
1. Place 2 AA batteries (included) into CSR. Ensure the screw is securely installed.



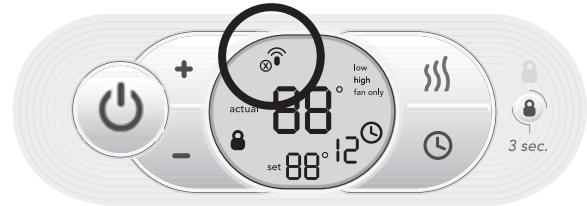
2. Slide the switch to the On position. Flip over the CSR and press the link button for 3-5 seconds. A green light on the front of Sunny CS will begin to blink. While the green light is blinking, release the link button. Press the link button again to fully sync. Green light will remain solid.



3. The CSR is linked when the green light remains On and the LCD Screen displays the word "remote". For accuracy Sunny CS will send a signal to the CSR every 2-3 minute(s).

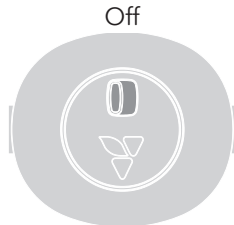


2. If CSR is Off or not within range of Sunny CS the green light will not be illuminated and the (⊗) icon will appear on the LCD Screen.



Stop Crib Sensor Remote Sync

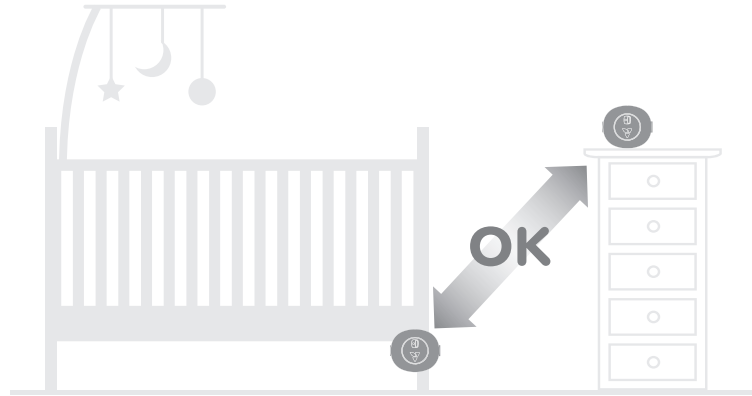
1. To turn the CSR Off, slide the switch to the Off position. The green light will begin to blink. After approximately 2 minutes the green light will turn Off.



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.

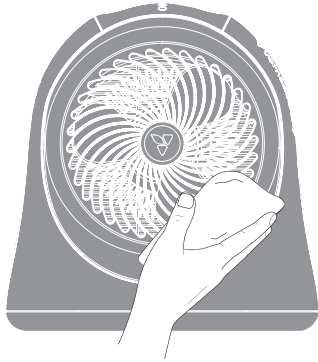
! DO NOT PLACE CSR IN CRIB



Keeping Sunny CS Clean

Cleaning the Grill

1. Power Sunny CS 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 cloth.



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

Always unplug Sunny CS before starting any part of the cleaning process.

Tips

Resetting Your Vornado Heater

Your Vornado Sunny CS 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 Sunny CS.

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

Note: If the safety shut-off system repeatedly shuts off Sunny CS or if it will not reset, DO NOT ATTEMPT TO DISASSEMBLE SUNNY CS. 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 Sunny CS. To ensure long life of the product, it is recommended to store Sunny CS by following these instructions:
 - Unplug power cord and wrap cord neatly inside the Power Cord Storage.
 - Thoroughly clean Sunny CS. Use the brush attachment on your household vacuum cleaner to vacuum any accumulated dust on Sunny CS or wipe down the entire surface with a soft cloth. You may also use a can of compressed air for debris.
 - Always set Power Button to Off and unplug Sunny CS before cleaning.
 - Cover, or place Sunny CS 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.

Troubleshoot

Unit fails to power on.	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 TIPS).
	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.
Unit is not producing sufficient amount of heat.	Ensure unit is set to High Heat and thermostat is set to highest Temperature setting.
	Close all doors and windows to contain heat.
	Allow the unit to fully circulate the heat throughout the room, may take several minutes.

<p>Unit power on but there is no heat.</p>	<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>
<p>CSR remote will not sync.</p>	<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.</p>



Happy Parent Guarantee

Call Toll Free

800.234.0604

vornadobaby.com

support@vornadobaby.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® Sunny CS Nursery 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 support@vornadobaby.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.

Product registration available online at www.vornadobaby.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.

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Designed, engineered and supported in Andover, KS

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