

Dreo DR-HSH006

Dreo Atom 316 Space Heater User Manual

Brand: Dreo | Model: DR-HSH006

1. IMPORTANT SAFETY INSTRUCTIONS

Please read this entire instruction manual before using the Dreo Atom 316 Space Heater. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
- Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9 m) from the front of the heater and keep them away from the sides and rear.
- Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
- Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner.
- Do not use outdoors.
- To disconnect heater, turn controls to OFF, then remove plug from outlet.
- 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.
- To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
- A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable vapors or liquids are used or stored.
- 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.
- This heater includes an **Overheat Protection System** that automatically shuts off the unit if it overheats. If this occurs, unplug the heater, wait 30 minutes for it to cool down, and then plug it back in.
- The heater is equipped with a **Tip-Over Protection Switch** that automatically shuts off the unit if it is tipped over. If this occurs, place the heater upright on a flat, level surface.
- 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.

2. PRODUCT OVERVIEW

Familiarize yourself with the components of your Dreo Atom 316 Space Heater.



Figure 2.1: Front view of the Dreco Atom 316 Space Heater showing the main unit and included remote control. The heater features a digital display and touch controls on top, with a metallic gold accent ring.

A compact black and gold Dreo Atom 316 Space Heater sits on a light-colored wooden coffee table in a modern living room. The heater has a digital display on its top showing '95'. Warm, golden light rays emanate from the heater, illuminating a beige sofa with a yellow blanket and a yellow pillow in the background. A window with white blinds is visible to the left. The overall scene conveys a sense of warmth and comfort.

DREO
NO.1
Space Heater
Two Consecutive Years on Amazon U.S.*

DREO | Space Heater

Compact size. Gigantic warmth.

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*Source: Ranking based on the Stackline data for Amazon U.S. retail sales of space heaters from January 2023 to January 2025.

Figure 2.2: The compact Dreo Atom 316 Space Heater placed on a coffee table in a living room, illustrating its small footprint and ability to blend into home decor while providing warmth.

Package Contents:

- 1 x Dreo PTC Fan Heater (DR-HSH006 Atom 316)
- 1 x Remote Control (with 1 CR2 battery included)

- 1 x English Manual
- 1 x English Quick Start Guide

Parts Diagram:

1. Control Panel / Digital Display
2. Air Outlet Grille
3. Power Cord
4. Air Inlet
5. Hidden Carry Handle (located at the back/top)
6. Remote Control Receiver

3. SETUP

Setting up your Dreo Atom 316 Space Heater is quick and easy.

1. **Unpack:** Carefully remove the heater and all accessories from the packaging. Retain packaging for future storage if needed.
2. **Placement:** Place the heater on a firm, level surface. Ensure there is at least 3 feet (0.9 m) of clear space around the heater from any walls, furniture, or other objects to allow for proper airflow and prevent fire hazards.
3. **Power Connection:** Plug the power cord directly into a 220V wall outlet. Do not use extension cords, power strips, or surge protectors.
4. **Remote Control Battery:** The remote control comes with a CR2 battery pre-installed. Remove any plastic pull tabs from the battery compartment before first use.

4. OPERATING INSTRUCTIONS

The Dreo Atom 316 Space Heater can be operated using the touch control panel on the top of the unit or the included remote control.

Control Panel & Display:

The top panel features intuitive touch buttons and a clear digital display for current settings.

- **Power Button ():** Turns the heater ON or OFF.
- **Mode Button (≡):** Cycles through the 3 heating modes:
 - **High Heat (H):** 1500W for maximum warmth.
 - **Low Heat (L):** Reduced wattage for energy saving.
 - **ECO Mode (ECO):** Automatically adjusts heating power based on ambient temperature to maintain desired comfort level efficiently.
- **Temperature Adjustment Buttons (+ / -):** Adjusts the target temperature in 1-degree increments. The heater will cycle ON/OFF to maintain this temperature.
- **Timer Button ():** Sets the auto-off timer from 1 to 12 hours. Each press adds 1 hour.

- **Oscillation Button (↻):** Activates or deactivates the oscillation function to distribute heat more widely.
- **Child Lock Button (⏏):** Press and hold for 3 seconds to activate/deactivate the child lock. When active, all other buttons are disabled.

Using the Remote Control:

The remote control provides convenient operation from a distance. Its buttons mirror the functions on the main control panel.

- **Power Button (⏻):** Turns the heater ON or OFF.
- **Mode Button (⏏):** Cycles through heating modes.
- **Temperature Adjustment Buttons (+ / -):** Adjusts target temperature.
- **Timer Button (⌚):** Sets the auto-off timer.
- **Oscillation Button (↻):** Activates or deactivates oscillation.
- **Mute Button (🔇):** Mutes/unmutes button press sounds.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your heater.

Cleaning:

1. Always turn off the heater and unplug it from the power outlet before cleaning.
2. Allow the heater to cool down completely before handling.
3. Use a soft, damp cloth to wipe the exterior surfaces of the heater. Do not use abrasive cleaners or solvents.
4. Use a vacuum cleaner with a brush attachment to gently remove dust from the air inlet and outlet grilles.
5. Ensure no water or liquid enters the interior of the heater.
6. Allow the heater to dry completely before plugging it back in and operating.

Storage:

When not in use, store the heater in a cool, dry place. It is recommended to store it in its original packaging to protect it from dust and damage.

6. TROUBLESHOOTING

If you encounter issues with your Dreo Atom 316 Space Heater, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Heater does not turn on.	Not plugged in securely. Power outlet is not working. Tip-over switch activated. Overheat protection activated. Child lock is on.	Ensure the power cord is firmly plugged into a 220V wall outlet. Test the outlet with another appliance. Place the heater upright on a flat, level surface. Unplug the heater, wait 30 minutes for it to cool, then plug it back in. Press and hold the Child Lock button for 3 seconds to deactivate.
Heater stops working unexpectedly.	Overheat protection activated. Tip-over switch activated. Timer has expired.	Unplug the heater, wait 30 minutes for it to cool, then plug it back in. Place the heater upright on a flat, level surface. Check the timer setting and reset if necessary.
No heat, but fan is running.	Heater is in fan-only mode (if applicable, though this model has heat modes). Temperature setting is too low.	Ensure a heating mode (High, Low, ECO) is selected. Increase the target temperature above the current room temperature.
Remote control not working.	Battery is dead or incorrectly inserted. Obstruction between remote and heater.	Replace the CR2 battery, ensuring correct polarity. Ensure a clear line of sight between the remote and the heater's receiver.

If the problem persists after trying these solutions, please contact Dreco Customer Support.

7. SPECIFICATIONS

Detailed technical specifications for the Dreco Atom 316 Space Heater.





Figure 7.1: Side view of the Dreco Atom 316 Space Heater illustrating its compact dimensions: 6.02 inches (D) x 6.02 inches (W) x 9.65 inches (H).

Feature	Detail
Model Number	DR-HSH006
Power Supply	220V ~ 50/60Hz
Rated Power	1500W

Feature	Detail
Dimensions (D x W x H)	6.02" x 6.02" x 9.65" (15.29 cm x 15.29 cm x 24.51 cm)
Item Weight	2.76 pounds (1.25 kg)
Noise Level	34 dB
Heating Element	PTC Ceramic
Modes	High, Low, ECO
Timer	1-12 Hours
Safety Features	Overheat Protection, Tip-Over Protection, Child Lock
UPC	850049246385

8. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card included in your product packaging or visit the official Dreo website. For technical support, troubleshooting assistance beyond this manual, or to inquire about replacement parts, please contact Dreo Customer Support directly through their official channels.

No official product videos from the seller were found to be relevant for inclusion in this manual.

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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