

设计版本号	产品名称 Product name		比例 scale	日期 Date	设计师 Designer	审核 Audit	
Rev_V1.2_EN	DR-HSH006S_美规说明书		1: 1	20240828	Beryl	Laura	
	材质印刷与 技术要求	封面封底:80g书纸 内页: 80g书纸 印刷要求: 双面印刷, 文字线图清晰 装订方式: 骑马钉装订		字体 Fonts	Manrope	尺寸 Size	105mm × 150mm
Hesung innovation 和生创新							

*此页删除不做印刷

105MM

150MM

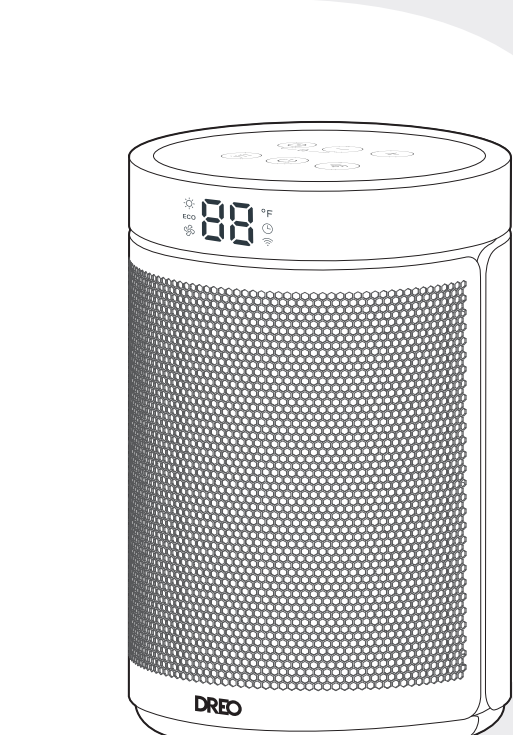
210MM

DREO

Smart PTC Fan Heater

Atom 316S

USER MANUAL



www.dreo.com

Looking for help?

Contact us to get expert support.

✉ support@dreo.com

☎ (888) 290-1688

🌐 www.dreo.com

Mon - Fri, 9:00 am-5:00 pm PST/PDT

图纸设计禁止修改, 尺寸刀模图为准

裁切线

正折线

反折线

出血位

粘胶区域

PDF

Adobe

图层使用规范:

1、备注信息图层为非印刷区域, 展示印刷物料基础信息。

2、刀板线、备注工艺、尺寸层展示印刷工艺部分。

3、画面信息层展示印刷展示图片与文字。

*电子文档为Adobe Illustrator制作

文件格式: model规格类目日期.AI (为可编辑原始文档)

文件格式: model规格类目日期.pdf (为文件转曲不可编辑文档)

设计师

审核

产品负责人

法规

采购

审稿

检查事项

会签时“+”形式确认

(负责部门/页码/确认)

审核检查事项

商标规范

字符高度

工艺材质

颜色标识

产品文案

条码检查

厂址

全成分

警告标注

执行标准

产品尺寸

外/内箱尺寸

OEM信息*

产品包装信息

请相关部门确认产品、包装等信息!

*OEM信息:

委托方及被委托方

信息(名称、地址、

邮编、电话、生产

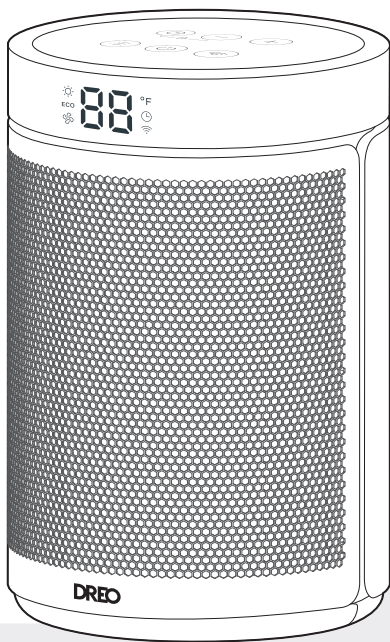
许可证、卫生许可

证)

DREO

Smart PTC Fan Heater Atom 316S

USER MANUAL



”

Thanks for Choosing **DREO!**

Your support means the world to us.
We hope you enjoy our product as much
as we did creating it.

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DREO CUSTOMER
CARE

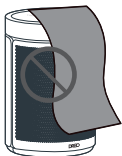
15-16

IMPORTANT SAFETY INSTRUCTIONS

01



When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons and hyperthermia, including the following:



Warning:

In order to avoid overheating, do not cover the heater.

Do not use the fan heater near flammables and combustibles.

General Safety

1. Read all instructions before using this heater.
2. This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
3. Use the handle to move this heater.
4. Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
5. 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.
6. The output of this heater may vary and its temperature may become hot enough to burn exposed skin. Use of this heater is not recommended for persons with a high sensitivity to heat or an inability to react to avoid burns.
7. Do not attempt to modify or repair the product by yourself. Doing so could void the warranty and cause damage or personal injury. Only a repair technician may disassemble or repair this product.
8. Make sure that no pieces of polystyrene or other packaging material have been left between elements of the appliance. It may be necessary to pass over the appliance with a vacuum cleaner.
9. If the machine is not working as it should, has received a sharp blow, has been dropped, damaged, left outdoors, or dropped into water, do not use and contact Customer Support.

10. There may be a trace of smoke or odor when the unit is first operated. This indicates that a drop of oil fell on the heating coil during the manufacturing process. It will quickly evaporate and should not re-occur.

Location Safety

1. Do not use outdoors.
2. Ensure the heater is on a stable, secure surface to eliminate the potential of tipping it over.
3. 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.
4. 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.
5. 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.
6. This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate heater where it may fall into a bathtub or other water container.

Electricity Safety

1. Always unplug heater when not in use.
2. 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 authorized service facility for examination and/or repair.
3. 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.
4. To disconnect heater, turn controls to off, then remove plug from outlet.
5. Always plug heaters directly into a wall outlet/receptacle.
6. Never use with an extension cord or relocatable power tap (outlet/power strip).
7. If there is a loose fit between the plug and the socket or the plug becomes very hot, the socket may need to be replaced. Check with a qualified electrician to replace the socket.
8. It is normal for the plug and cord to feel warm to the touch.

9. A plug or cord which becomes hot to the touch or becomes distorted in shape may be a result of a worn electrical outlet. Worn outlets or receptacles should be replaced prior to further use of the heater. Plugging the heater into a worn outlet / receptacle may result in overheating of the power cord or fire.
10. This appliance has a polarized plug (one prong 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 rig this safety feature.
11. 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.
12. 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.
13. 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.
14. **CAUTION** – High temperature, keep electrical cords, drapery, and other furnishings at least 3 feet (0.9 m) from the front of the heater and away from the side and rear. **WARNING** – Risk of Hyperthermia.

DANGER – High temperatures may be generated under certain abnormal conditions. Do not partially or fully cover or obstruct the front of this heater.



WARNING - Risk of Heat Stroke (Hyperthermia)

Hyperthermia can result in death in infants or others
Use caution to avoid overheating individuals
Read and follow all instructions before use

FOR HOUSEHOLD USE ONLY READ AND SAVE THESE INSTRUCTIONS

Gentle Reminder:

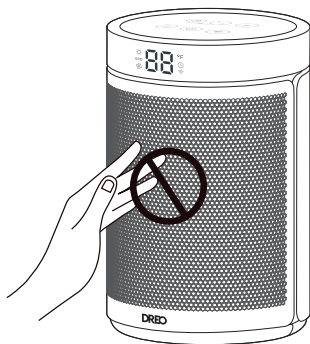


Check the appliance regularly and refer to TROUBLESHOOTING or contact our customer support if it shows any of the following signs:

- Power cord or plug is damaged.
- Loud noise, unusual smell or excessive heat.

Specifications

Model No.	DR-HSH006S
Rated Power	1500W
Input	120V-60Hz



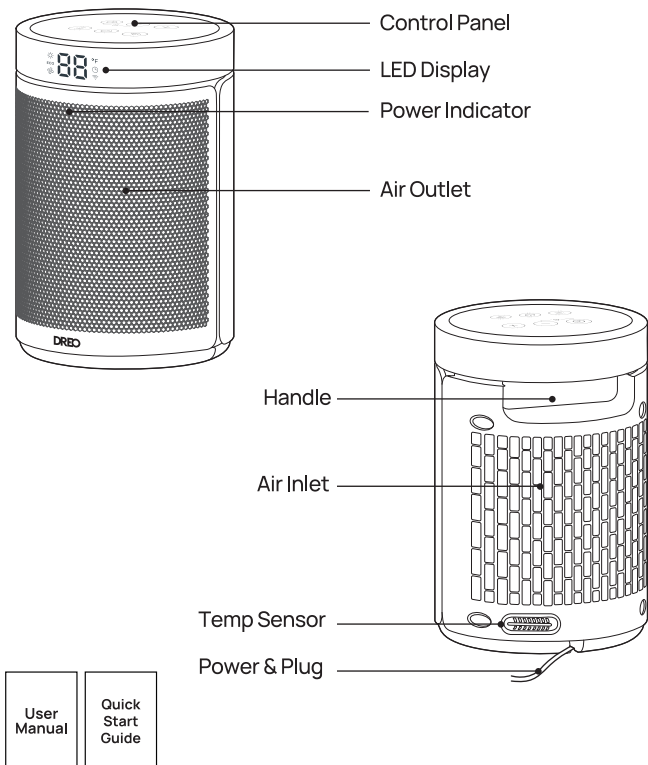
HOT SURFACE

THE FRONT SURFACE CAN BE
VERY HOT DURING USE.
DO NOT TOUCH WHEN IN USE.

KNOWING YOUR HEATER

02

Package Contents



CONNECTING TO YOUR HEATER

03



Before connecting the appliance to your mobile device, please scan the QR code on the left or go to the app store and search “DREO”, then select and download the app.





Look for “Atom 316S” when connecting your new PTC fan heater.




You can use the DREO app to connect your PTC fan heater to **Amazon Alexa** or **Google Home**.

Please follow the in-app instruction to set up your voice assistant.

NOTE: You must create a DREO account to access voice assistants.

- 1 Launch DREO and sign in or create account by following in-app instructions.
- 2 Enable Bluetooth on your mobile device and plug in your heater.
- 3 Tap + **Add Device** and select **Atom 316S**.
- 4 Hold the WiFi Connection button  for 5 seconds to start WiFi connection settings.
(Tip: The WiFi icon  will keep flashing when pairing.)
- 5 Follow in-app instructions to complete WiFi connection.
- 6 You're now ready to control the appliance on your app.

(Tip: To restart connection settings, hold the WiFi Connection button  again for 5 seconds.)

USING YOUR HEATER

04

Control Panel



Power On/Off

- Touch to turn the heater on or off.
- Long press for 10 seconds to disable WiFi connection and reset to factory settings.

Note:

- When the heater is plugged into the electric outlet, the power indicator will light in red.
- Once turned off, a 30-second countdown will show up on the display as the fan will continue to run for 30 seconds to blow out the remaining heat.



Mode Settings

Touch to switch between:  → ECO → .



Power heat with three heating levels:
H1 (1000W), H2 (1300W), H3 (1500W)



The heater will automatically select its optimal heating power, depending on the difference between the set temperature (41-85 °F) and ambient temperature.


Note:

- When the ambient temperature reaches the set temperature, the heater will turn off automatically in 30 seconds.
- When the ambient temperature drops below the set temperature, the heater will operate on low or high power (1000W or 1500W), depending on the difference between the two temperatures.



Fan only.

Mute/Unmute

To turn on/off the button sounds, long press the Mode button  on the panel for 3s.







Auto-Off Timer

- When the heater is on touch to set a timer (0-12h).
After the timer ends, the heater will turn off automatically.
- To cancel, set the timer to 0 hour.



Heat Level/Temperature


In Power Heat Mode, touch  or  to adjust the heating level.

In ECO mode, touch  or  to adjust the set temperature.



Note:

In ECO mode, the heater will turn off automatically when the set temperature has been reached. If your heater turns off frequently please raise the set temperature, or switch to Power Heat mode.



WiFi Connection

Hold the WiFi Connection button  for 5 seconds to start WiFi connection settings. To connect your heater to the DREO app, refer to page 6.

Note:

- Due to UL1278 standards and safety reasons, when initiating with the DREO app, the heater will turn off after 24 hours.
- App operations will be restricted under some circumstances, such as operating the control panel, moving the heater, no operations from the app for over 24 hours, and high indoor temperatures (over 85°F).
- When the WiFi indicator  on the display is lit yellow, it means app operations have been restricted. Short press the Wifi Connection button  to disable restrictions.

Child Lock

Long press  and  for 3s to activate / deactivate the Child Lock function, when activated, the display will show "LC", and all the buttons on the space heater will be locked.

LED Display



Power Heat

ECO

ECO Mode



Fan Only



Timer



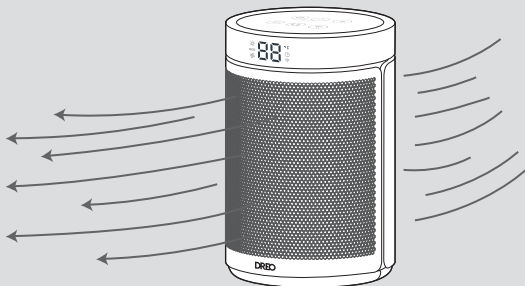
Heat Level
/ Timer Hour
/ Set Temperature



WiFi Indicator
(White: WiFi working
Yellow: App Restricted)

More Features

Display auto turns off after 1 minute.



Memory Function

The heater will remember its last settings (temperatures, working modes, oscillation status) once turned on again.

Tip-Over Protection

When the heater is tipped over, it will shut off automatically with the error code "P4" on the display.

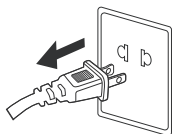
Overheat Protection

When the heater overheats, it will shut off automatically with the error code "FF" on the display.

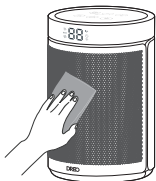
CLEANING AND MAINTENANCE

05

Control Panel

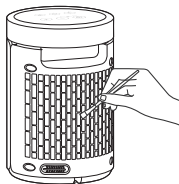


Always turn off and unplug before cleaning.



Outer Surface

Use a soft, dry cloth to gently wipe clean the outer surface.



Air Inlet

Use a soft, dry cloth or a cotton-tipped swab to remove any dust from the air inlet.



ATTENTION



**DO NOT unscrew
the unit.**



**DO NOT use
cleaning agents.**



**DO NOT use
abrasive scrubbers.**




Fire or electrical shock hazard.
DO NOT immerse the main unit in water.
NEVER allow water to get inside the heater.



Except for cleaning, any servicing should be performed
by an authorized service representative.



Store in a cool, dry area and keep the cable out
of high-traffic areas to avoid tripping hazards.

Problem	Possible Causes	Solution
The WiFi icon on the heater is lit yellow. I can't operate from the Dreo app.	Due to UL1278 standards and safety reasons, app operations will be restricted under some circumstances such as operating the control panel, moving the heater, no operations from the app for over 24 hours, and high indoor temperatures (over 86°F).	Short press the WiFi Connection button  to disable app restrictions.
Malfunction codes on LED display	E2 - Temperature sensor short circuit	Unplug it from the power source and contact Customer Support.
	E1 - Temperature sensor open circuit	Unplug it from the power source and contact Customer Support.
	FF - Overheat Protection	Unplug and wait for it to cool down before plugging again.
	P4 - Tip-Over Protection	Place the heater back on a flat, level and stable surface.
Heater does not start	Power cord is not properly plugged in.	Connect the plug to a powered electrical outlet.
	Overheat protection has been activated.	Unplug and allow it to cool.
		Remove any objects on or near the heater.

Heater does not start	No power is passing through the unit.	Ensure that your circuit breaker or fuse is working properly.
		Ensure that your heater is placed on a flat and even surface.
	The set temperature is lower than the ambient temperature.	Ensure that the temperature is set to be higher than the ambient temperature.
The heater suddenly stops during heating.	The temperature exceeds the threshold of the thermal cutoff.	Turn off and unplug the unit. Allow it to cool and plug into the electrical outlet again.
	The heater is tipped over.	Place it on a flat, level and stable surface.
	In ECO mode, the heater will turn off heating automatically when the set temperature has been reached.	This is normal. If your heater turns off frequently, please raise the set temperature or switch to Power Heat mode.

If your problem is not listed or still persists, contact our Customer Support (see page 16).

Default 12-Month Warranty

This appliance is covered by Dreco warranty for 12 months from the date of its original purchase.

Extend Your Warranty

Extend your warranty by registering your new appliance on our website

<https://dreco.com/warranty>.

The warranty will not apply in cases of:

- Accident, misuse, or repairs performed by unauthorized personnel.
- Any unit that has been tampered with or used for commercial purposes.
- Normal wear and tear of wearable parts.
- Use of force, damage caused by external influences.
- Damage caused by non-observance of the User Manual, e.g. connection to an unsuitable mains supply or noncompliance with the instructions.
- Defects caused by or resulting from damages from shipping or from repairs, service, or alteration to the product or any of its parts that have been performed by a repair person not authorized by DREO.

We can only provide after-sales service for products that are sold by DREO or DREO authorized retailers and distributors. If you have purchased your unit from a different place, please contact your seller for return and warranty issues.

FCC 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.

Please note that changes or modifications of this product is not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Model No.: DR-HSH006S
Rev_1.2_EN

We're Here to Help!

 (888) 290-1688 (Mon - Fri, 9:00 am-5:00 pm PST/PDT)

 www.dreo.com

 support@dreo.com

 Shenzhen Hesung Innovation Technology Co., LTD
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