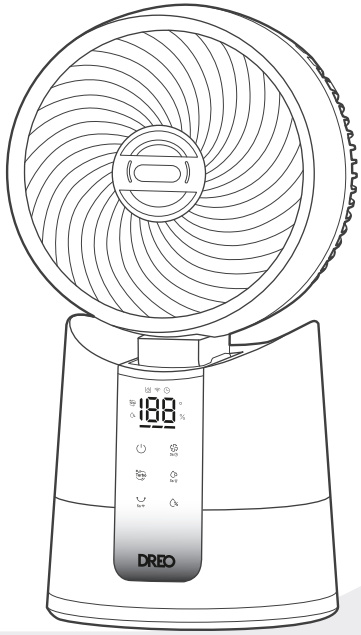
DREO | Smart Misting Fan 516S

USER MANUAL



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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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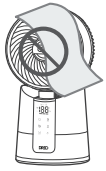
IMPORTANT SAFETY INSTRUCTIONS

01

READ ALL CAUTIONARY MARKINGS ON THE APPLIANCE AND SAFETY INSTRUCTIONS IN THE USER MANUAL BEFORE USE AND SAVE THESE INSTRUCTIONS.





Do not cover the air inlet and outlet while in operation.

Do not use the fan near flammables and combustibles.

General Safety

1. Children should be supervised to ensure that they do not play with the appliance. Cleaning and maintenance shall not be performed by children without supervision.
2. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
3. Use the appliance as described in the user manual only. Any other use not recommended in the user manual may cause fire, electrical shock, or personal injury.
4. This is not a toy. This is an electrical appliance and must be operated and maintained by an adult. In addition to the water to be vaporised, only any additional liquids advised by the manufacturer for cleaning or fragrance shall be used.

Operation Safety

1. Always place this appliance on a firm, flat and level surface to avoid dropping or tiltting.
2. Always place this appliance 2 feet (60 cm) above the floor, 12 inches (30 cm) away from the wall or wooden furnitures.
3. DO NOT move this appliance while it is on.
4. DO NOT attempt to repair any parts on this appliance. The inside of this appliance contains no user serviceable parts. All servicing should be performed by qualified personnel only.
5. NEVER leave water in the reservoir when the appliance is not in use.

6. DO NOT permit the area around the appliance to become damp or wet. If dampness occurs, turn the output of the appliance down. If the appliance output volume cannot be turned down, use the appliance intermittently. Do not allow absorbent materials, such as carpeting, curtains, drapes, or tablecloths, to become damp.
7. DO NOT immerse in water and any other liquids.
8. DO NOT use the appliance until the base is installed.
9. DO NOT insert your fingers, pencil and any other objects into the grilles or openings while in operation.
10. **Warning:** Micro-organisms that may be present in the water or in the environment where the appliance is used or stored, can grow in the water reservoir and be blown in the air, causing very serious health risks when the water is not renewed and the tank is not cleaned properly every 3 days.
11. Be aware that high humidity levels may encourage the growth of biological organisms in the environment.
12. Unplug the appliance during filling and cleaning. Empty and clean the appliance before storage. Clean the appliance before next use.
13. Empty the tank and refill it every third day. Before refilling, clean it with fresh tap water or cleaning agents. Remove any scale, deposits, or film that has formed on the sides of the tank or on interior surfaces, and wipe all surfaces dry.
14. After the appliance is filled with water, don't tilt or crash it when place or moving it. If it is necessary to move the appliance, please move it slowly to avoid overflowing. Tilting the appliance during operation is prohibited. If the appliance is tilted and there's water in it, pull off the power plug immediately. Wait until the appliance is completely dry and then you may turn on the unit. Or you may contact professional after-sales personnel to deal with it.
15. Do not place the appliance under high temperature or low temperature. In summer time, the water may be deteriorated and cause ordor, please add clean water in time. In winter time when indoor temperature is below 32°F (0°C), please add warm water into the water tank if you want to use it. After the operation, please use a towel to dry the water tank.

Electricity Safety

1. Make sure that the voltage of your electricity supply is the same as that indicated on the appliance.
2. Always unplug before cleaning or leaving the appliance unused for a long period of time. Keep your hands dry when plugging/unplugging.
3. Do not operate the appliance with a damaged cord or plug. Discard the appliance or return it to an authorized service facility for examination and/or repair.
4. Do not run the cord under carpeting. Do not cover the cord with throw rugs, runners, or similar coverings. Do not route the cord under furniture or appliances. Arrange the cord away from the traffic area and where it will not be tripped over.

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5. The appliance shall not be modified by users, such as by adding supplemental filters to the appliance.
6. **WARNING:** If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.
7. **WARNING:** To Reduce The Risk Of Fire, Electric Shock Or Injury To Persons, Do Not Use Replacement Parts That Have Not Been Recommended By The Manufacturer (e.g. Parts Made At Home Using A 3D Printer).
8. **WARNING:** To Reduce The Risk Of Fire Or Electric Shock, Do Not Use This Fan With Any Solid-State Speed Control Device.
9. This product employs overload protection (fuse). A blown fuse indicates an overload or short-circuit situation. If the fuse blows, unplug the product from the outlet. Replace the fuse as per the user servicing instructions and check the product. If the replacement fuse blows, a short-circuit may be present, and the product should be discarded or returned to an authorized service facility for examination and/or repair.
10. 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.

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.

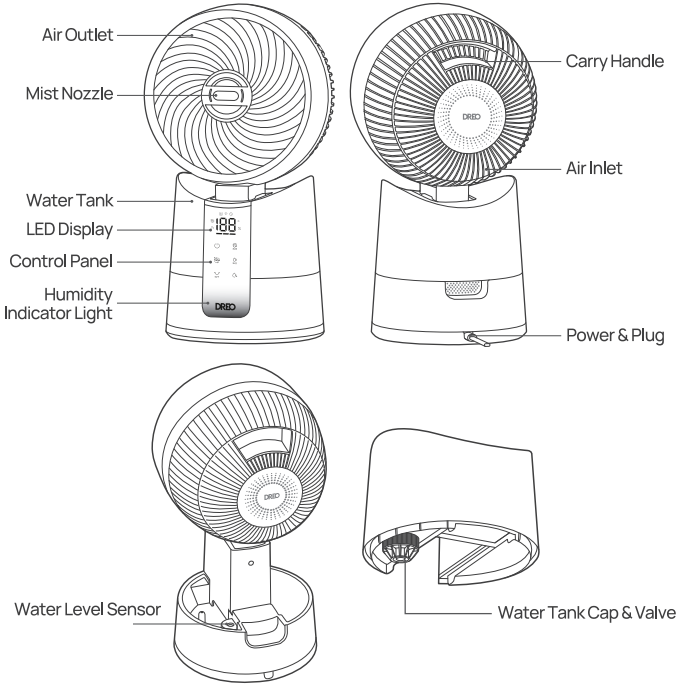
Specifications

Model No.	DR-HEC006S
Input	120V~60Hz
Rated Power Input	48W
Battery Type	AAA

KNOWING YOUR APPLIANCE

02

Package Contents



Control Panel



Power Button
- Turn power on/off.



Turbo Mode Button
- Set the fan speed and the mist level to Turbo.
- To exit Turbo Mode, press this button again, or change fan speed / mist to any level.



Oscillation button
- Sweep airflow horizontally (0°/30°/60°/90°/120°/150°).
- Long press for 5 seconds to start network settings and device pairing.



Fan Speed Button
- Adjust fan speed across 1-6 levels.
- Long press for 3 seconds to set a timer (0-12h).



Mist Level Button
- Adjust mist levels across 0-3 levels.
- Long press for 3 seconds to turn the humidity indicator light on/off.



Auto Humidity Button
- When first activated, the screen will display the target humidity.
- Tap to increase the target humidity by 5% (target humidity ranges from 30% to 90%).
- When enabled, the appliance will adjust the mist level automatically according to your target humidity.
- Long press for 3 seconds to mute/unmute.

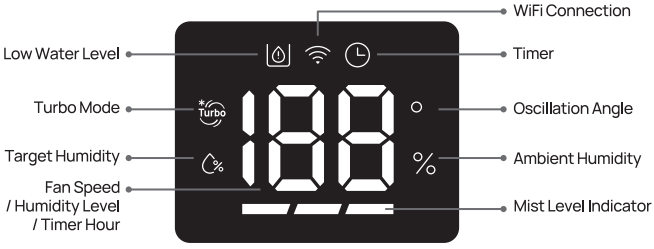
Note:

- When the fan is on standby, long press 

and 

for 10 seconds to turn off WiFi connection and enter Low Power Standby Mode.
- When turned off, display will show ▬ ▬ while your fan is resetting to its original position.

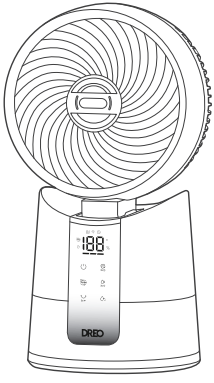
LED Display



Humidity Indicator Light

The humidity indicator light will change according to your room humidity level.

Light Color	Humidity Level
Orange	≤30%
Green	31% - 70%
Blue	≥71%



CONNECTING TO YOUR APPLIANCE

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.

Download on the App Store

GET IT ON Google Play

Look for "Smart Misting Fan 516S" when connecting your new appliance.

You can use the DREO app to connect your air cooler to **Amazon Alexa** or **Google Home.** Please follow the in-app instructions 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 smartphone and plug in your appliance.
3. Long press 5s for 5 seconds to start/reset WiFi connection settings.
   (Note: The WiFi icon will keep flashing when pairing.)
4. Tap **+Add Device** and select **Smart Misting Fan 516S.**
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 5s again for 5 seconds)

USING YOUR APPLIANCE

04

Before Use

When using your appliance for the first time, follow the steps below.

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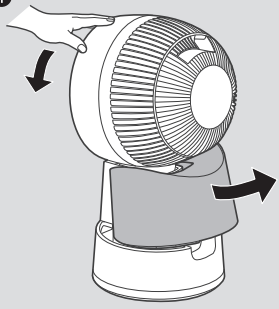
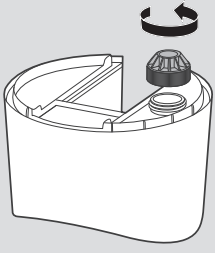


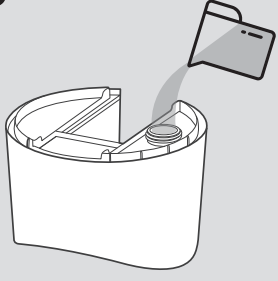
Detach the water tank from the base.

❷



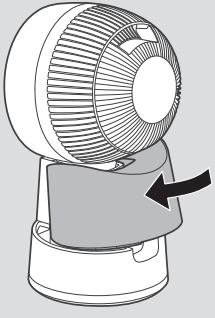
Take off the water tank cap.

❸



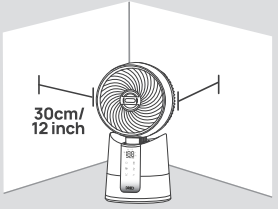
Fill the tank with room temperature water.

❹



Screw the water tank cap back in place, then attach the water tank to the base.

❺



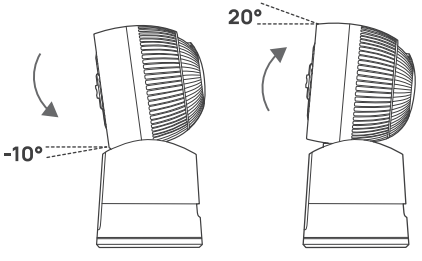
Place the appliance on a flat, level surface, keeping at least 30 cm/12 inch away from walls or any major obstacles.

ATTENTION:

- It is recommended to add purified or distilled water to prevent white powder residue from forming.
- Do not add essential oil into the water tank to avoid damage to the tank.
- Do not place the appliance on the carpet or floor directly.
- Direct the mist away from walls, furniture and electrical appliances.
- It is recommended to place a water-resistant mat under the appliance to catch spills and droplets.

General Operations

Tilt the fan head by hand to the desired angle.



Working Modes

Normal Mode	Fan runs at the fixed speed.
Turbo Mode	Fan & mist run at the maximum level.

Additional Features



Timer

When the fan is ON/OFF, touch the timer button on the remote control repeatedly to set a timer from 1 to 12 hours. When the timer ends, the fan will stop/start running automatically. To cancel, set the time to 0 hour.

Note:
When the auto off timer is enabled, display will return to fan speed after 3 seconds. Display will show 12 if the timer is beyond 12 hours. To set a timer beyond 12 hours, please go to the DREO app.



Child Lock(Available in the DREO app)

Use the DREO app to activate / deactivate the Child Lock function. When activated, all the buttons on the appliance will be locked.

Note: Child Lock doesn't apply to remote control. You can also turn off Child Lock by re-plugging in, or resetting to factory settings.



Memory

If the fan is turned OFF or disconnected from power, it will operate under the previous settings (except the Timer setting and the Child Lock setting) when it is turned ON again.



Countdown Display

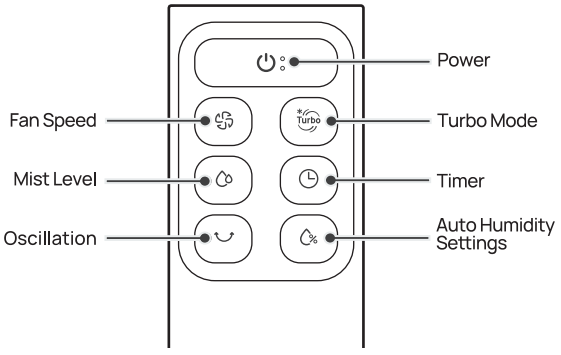
When long pressing buttons for Factory Reset and Mute, a countdown will show on the display accordingly.



Display Auto Off

Display turns off after 1 minute.
Wake up the display with any button.
To disable this feature, please go to the DREO app.

Remote Control



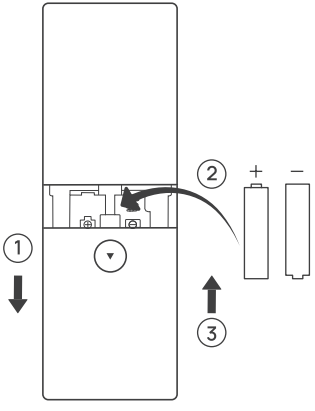
This remote control has no RF circuit.

Battery Replacement

1. Remove the battery cover in the direction indicated by the arrow.
2. Replace with two new AAA 1.5V batteries. Make sure that the positive(+) and negative(-) terminals are positioned correctly.
3. Push the battery cover back into place.

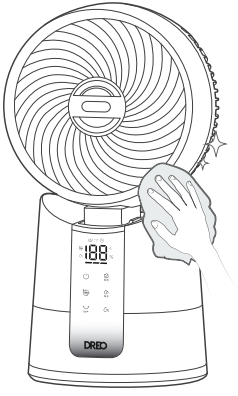
WARNING

- Replace with new batteries of the same type when replacement is required.
- Remove the batteries when the remote control is unused for long period of time.
- Do not attempt to dismantle the batteries.
- Do not dispose the batteries in fire, batteries may explode or leak.
- Chemical burn hazard. Keep batteries away from children.
- Do not mix old and new batteries and Do not mix alkaline, standard (carbon-zinc) or rechargeable (ni-cad, ni-mh, etc.) batteries.



CLEANING AND MAINTENANCE

05



Outer Surface

Gently wipe off the dust with a soft, dry cloth.

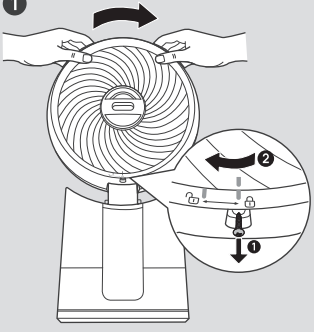
CAUTION

1. Always unplug the appliance before any cleaning or maintenance to avoid the risk of fire, electric shock, or injury to persons.
2. Do not immerse in water or get water inside the motor housing.
3. Do not use any chemical agents when cleaning the appliance.
4. Store in a cool, dry place and cover it to protect from dust.
5. Do not let water splash into the air outlets.
6. Empty and clean the appliance before storage. Clean the appliance before next use.
7. Do not overfill the water tank due to the potential risk of electric shock.

Front Grille and Blades

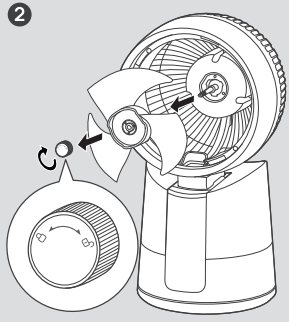
WARNING
To reduce the risk of electrical shock and injury to persons, turn off and unplug the appliance before any cleaning and maintenance.

1



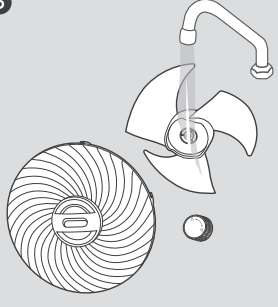
Remove the screw on the front grille, rotate the grille clockwise to take it off.

2



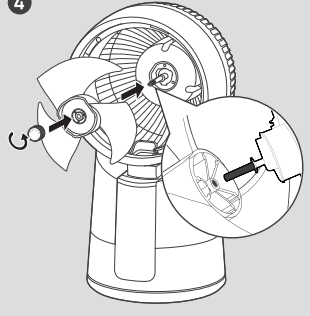
Remove the blade cap by rotating it as shown and take the blade assembly out of the shaft.

3



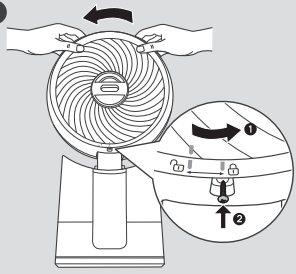
Rinse cap, blades, and grille under running water or with a clean, damp cloth.

4



Dry up all parts, and insert the blade assembly back into the shaft by aligning the centers.

5

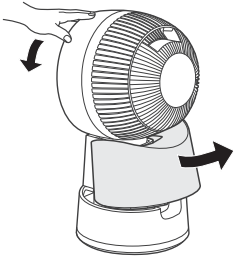


Align the point on the front grille with the right point on the casing, then rotate the grille counterclockwise and install the screw back in place.

Filling

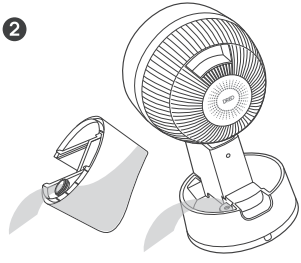
RECOMMENDED ONCE EVERY TWO DAYS

1



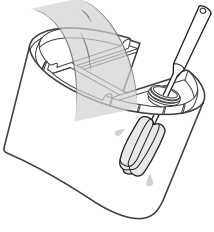
Detach the water tank from the base.

2



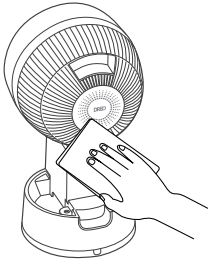
Drain any remaining water from the tank and the base.

3



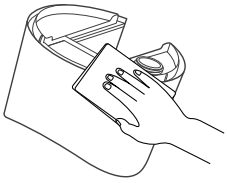
Rinse the tank with room temperature water.

4



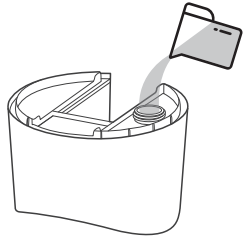
Gently clean the base with a soft cloth.

5



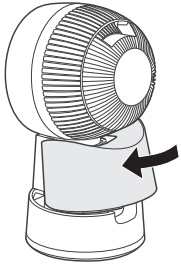
Wipe the exterior of the tank clean with a soft, damp cloth.

6



Fill the tank with room temperature water.

7

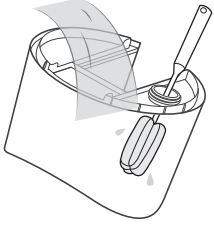


Attach the water tank to the base.

Descaling

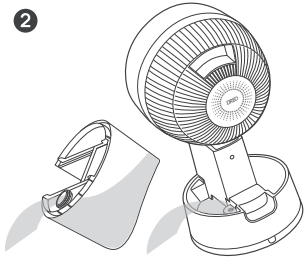
RECOMMENDED ONCE A MONTH

1



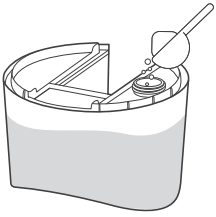
Detach the water tank from the base, and rinse it with room temperature water.

2



Drain any remaining water from the tank and the base.

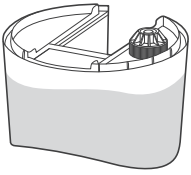
3



Fill the tank with a solution of 2% citric acid. Replace the water tank cap & valve and shake around the tank.

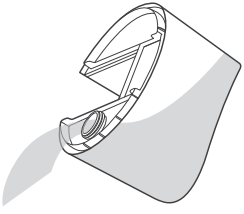
4

15-20min



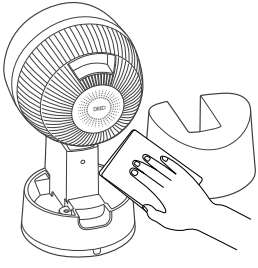
Attach the water tank to the base. Let it sit for 15-20 minutes.

5



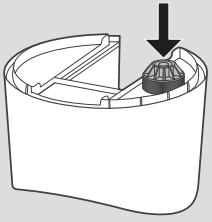
Remove the tank, drain any remaining solution from the tank and the base. Rinse the tank with water until the bleach smell is gone.

6

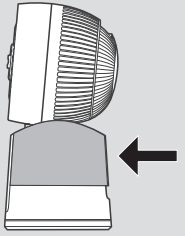


Make sure **all parts** are dry before reassembling your appliance.

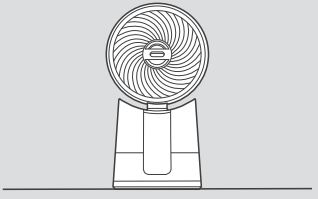
Is The Water Tank Leaking?



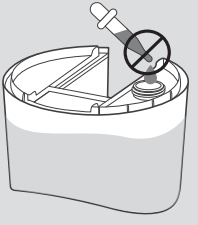
Make sure the water tank cap & valve is tightly screwed to the water tank.



Make sure the water tank is securely attached to the base.



Make sure the appliance is placed on a flat surface.

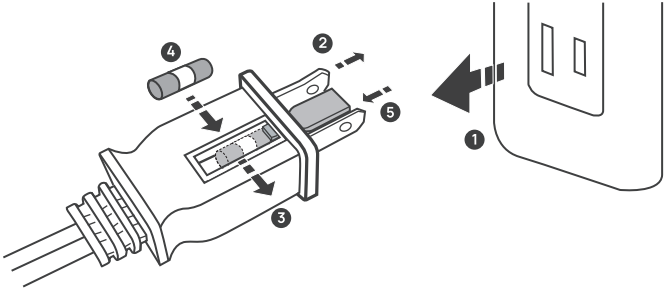


Make sure that no essential oil is added into the water tank.

If the issue persists, please contact customer support (see page 22).

User Servicing Instructions (Fuse)

This appliance features a fused safety plug that protects against overload or short-circuit situations. If the fuse blows, please cut off power and follow the below instructions or consult a qualified electrician.



1. Grasp plug and remove from the receptacle or other outlet device. Do not unplug by pulling on cord.
2. Open fuse cover. Slide open fuse access cover on top of attachment plug towards blades.
3. Remove fuse carefully. Push the fuse from the other side to remove the fuse.
4. Risk of fire. Replace fuse only with 5 Amp.125 Volt fuse.
5. Close fuse cover. Slide closed the fuse access cover on top of attachment plug.

WARNING

Risk of fire. Do not replace attachment plug. Contains a safety device(fuse, AFCI, LCDI) that should not be removed. Discard product if the attachment plug is damaged.

TROUBLESHOOTING 06

My appliance does not work at all.

Make sure that the cord is connected to a powered outlet and the mains voltage corresponds with the voltage indicated on the appliance.

My appliance is shaky and wobbling!

Place the appliance on a flat, level surface.

My appliance is making vibration and noise!

1. Place the appliance on a flat, level surface.
2. Be sure not to insert anything into the air inlet and outlet.
3. It is normal that the fan makes a little noise when manually adjusting the fan head.

My appliance is not misting.

1. Turn the mist level to a higher setting.
2. The base may have too much water. Empty the base and refill the water tank (not the base).
3. The air inlet may be blocked.
4. Make sure the mist nozzle is not blocked.
5. Make sure the appliance is placed on a flat surface.
6. Turn the mist level to the highest setting and let it run for a while, then adjust it to the desired setting.
7. If the water tank or base have been washed with detergent, rinse thoroughly with clean water to remove any remaining detergent.
8. The appliance will stop misting automatically in the event of low water.
9. In Auto Mode, the appliance will stop adding moisture when it reaches the room humidity target.
10. Make sure the water tank is installed properly.

There is white dust in the water tank.

You should descale the appliance regularly. Using purified or distilled water can help prevent the formation of scale.

The mist produces an unpleasant smell.

1. Use purified or distilled water only. It is not recommended to use tap water.
2. Change water regularly to avoid dirty water accumulation.
3. Clean the appliance and keep it dry for 12 hours with the water tank cap detached.
4. If the device will not be used for an extended period, empty all water from both the water tank and the base. Open the water tank cap and allow the tank to dry completely before storage.

Water leaks from my appliance.

1. Avoid running the appliance in a room with over 70% relative humidity.
2. Wipe any excess water.
3. Do not shake the appliance.
4. Make sure that the appliance is placed on a flat, level surface.
5. Check the water tank for leaks. If there are leaks, contact Customer Support (see page 22).

If your problem is not listed or still persists, please contact our Customer Support (see page 22)

DREO CUSTOMER CARE 07

12-MONTH LIMITED WARRANTY

What is Covered

DREO warrants to you that your product will be free from original defects in materials and workmanship for a period of twelve (12) months from the date of your purchase, when you use your product for intended purposes in accordance with this User Manual.

Please retain your proof of purchase. If you do not retain your proof of purchase, your warranty will start two (2) months from the date of manufacture printed on your product label.

What is Not Covered

This limited warranty only applies to the original purchaser of your product and is non-transferable. This warranty is only valid if your product is used in the country in which you originally purchased it. In addition, this warranty will not apply, and DREO will not be liable for any costs, damages, or repairs, in connection with any of the following:

- Accidents or use of your product with inappropriate force;
- Damage or destruction caused by wrong voltage or unstable electric current;
- Normal wear and tear;
- Careless operation or handling, misuse, abuse, neglect, and/or failure to maintain or use your product in accordance with this User Manual;
- Any partially or completely altered, modified and/or dismantled products;
- Reduction in battery discharge time due to battery age or use (as applicable);
- Products with altered or removed serial numbers;
- Clearing any blockages from the product;
- Purchases from retailers and distributors not authorized by DREO to sell this product;
- Defects caused by or resulting from damages from shipping or handling by any third party not authorized by DREO to ship or handle your product; or
- Defects caused by or resulting from repairs, service, improper maintenance, or alteration to your product or any of its components by anyone other than a repair person authorized by DREO.

Any service and customer support that DREO provides to you under this limited warranty will not extend the duration of this limited warranty.

Warranty Limitations and Exclusions

ANY IMPLIED WARRANTIES RELATING TO YOUR PRODUCT, INCLUDING BUT NOT LIMITED TO THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THE LIMITED WARRANTY SET FORTH ABOVE AND ARE OTHERWISE DISCLAIMED.

THIS LIMITED WARRANTY SHALL BE THE SOLE REMEDY OF THE PURCHASER OR USER OF THE PRODUCT, AND DREO SHALL NOT BE LIABLE FOR AN ALLEGEDLY DEFECTIVE OR DAMAGED PRODUCT EXCEPT TO REPAIR OR REPLACE IT IN ACCORDANCE WITH THIS LIMITED WARRANTY. DREO WILL NOT BE LIABLE FOR SPECIAL, INCIDENTAL, INDIRECT, CONTINGENT, OR CONSEQUENTIAL DAMAGES OR LOSSES OF ANY NATURE THAT YOU MAY INCUR IN CONNECTION WITH YOUR PURCHASE OR USE OF YOUR PRODUCT.

Some jurisdictions do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This limited warranty gives you specific legal rights, and you also may have other rights which vary from jurisdiction to jurisdiction.

Limited Remedies

If your product fails because of an original defect in material and/or workmanship during the warranty period, DREO will repair or replace (in DREO's sole discretion) your product.

To obtain warranty service on your product, contact us at support@dreo.com or at (888) 290-1688 (available from Monday-Friday, 9:00 AM-5:00 PM PST/PDT) for further instructions.

IN THE EVENT OF AN ORIGINAL DEFECT IN MATERIAL AND/OR WORKMANSHIP, TO THE EXTENT PERMITTED BY LAW, THE REMEDIES SET FORTH IMMEDIATELY ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES.

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 to 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-HEC006S
Rev_1.0_EN

We're Here to Help!

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

support@dreo.com

www.dreo.com

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www.dreo.com

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Contact us to get expert support.

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