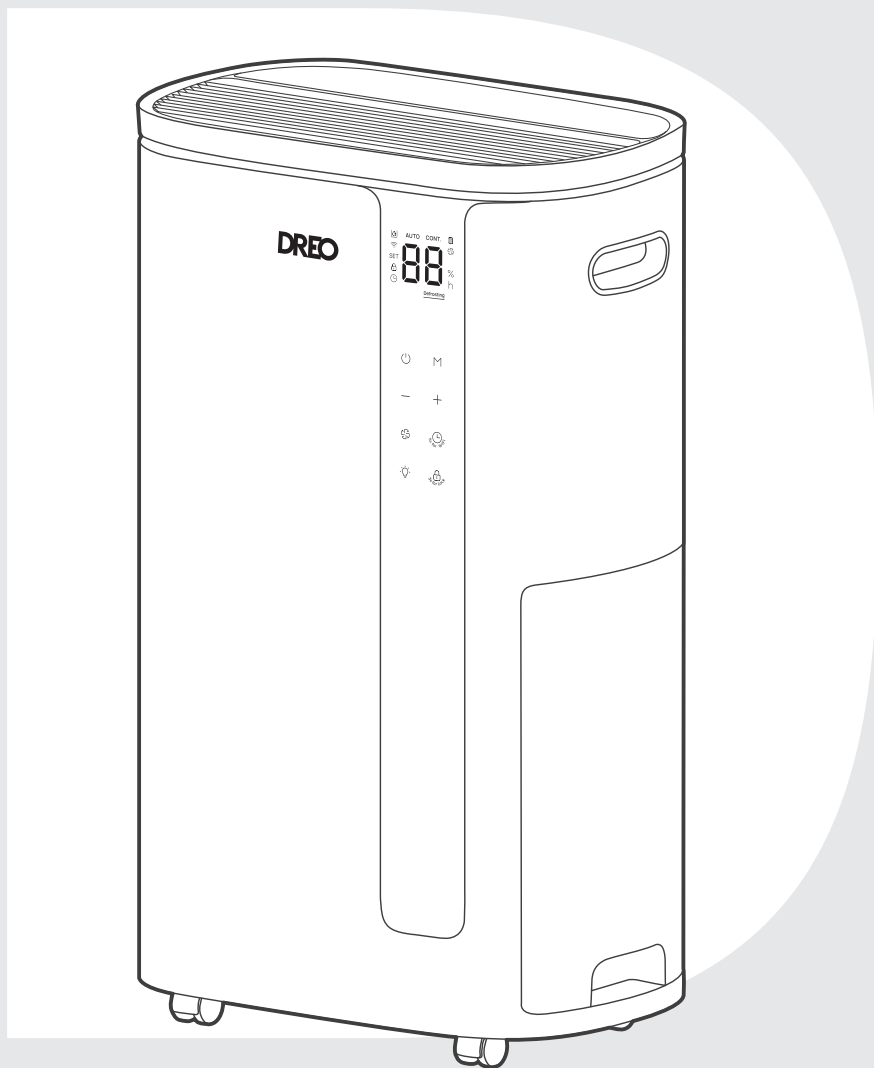


DREO

Smart Dehumidifier 733S/764S

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.

CONTENTS

01

**IMPORTANT SAFETY
INSTRUCTIONS**

1-4

02

**KNOWING YOUR
APPLIANCE**

5

03

**USING YOUR
APPLIANCE**

6-9

04

**CONNECTING TO YOUR
APPLIANCE**

10

05

**CLEANING AND
MAINTENANCE**

11-12

06

TROUBLESHOOTING

13-14

07

**DREO CUSTOMER
CARE**

15-16

IMPORTANT SAFETY INSTRUCTIONS

01



DANGER

DANGER - This symbol indicates immediate hazards which **WILL** result in severe personal injury or death



WARNING

WARNING - This symbol indicates hazards or unsafe practices which **COULD** result in severe personal injury or death



CAUTION

CAUTION - This symbol indicates hazards or unsafe practices which **COULD** result in minor personal injury



WARNING

When using electrical appliances, basic safety precautions should be followed, including the following

General Safety

1. To reduce risk of injury, read this guide before using the appliance.
2. This appliance is not intended for use by persons (including children) with reduced physical sensory or mental capabilities or lack of experience & knowledge, unless the use of the appliance by a person responsible for their safety.
3. Children should be supervised to ensure that they do not play with the appliance.
4. Always unplug the appliance before servicing or moving the unit.

Electricity Safety

1. The appliance must be connected to proper electrical outlet with the correct electrical outlet with the correct electrical supply.
2. Proper grounding must be ensured to reduce the risk of shock and fire, **DO NOT CUT OR REMOVE THE GROUNDING PRONG**. If you do not have a three-prong electric receptacle outlet in the wall, have a certified electrician install the proper receptacle. The wall receptacle **MUST** be properly grounded.
3. **DO NOT USE AN ADAPTER OR AN EXTENSION CORD.**
4. Do not place any object on the top of the unit.
5. If the **SUPPLY CORD** is damaged, it must be replaced by the manufacturer, a service agent or similarly qualified persons in order to avoid a hazard.
6. The appliance shall be installed in accordance with national wiring regulations.

Operation Safety

1. Do not use the appliance near a bathtub, shower or wash basin.
2. Never operate the appliance without filters in place.
3. Do not operate the appliance if power cord is frayed or otherwise damaged. Avoid using it if there are any cracks or abrasion damage along the length, plug connector or if the unit malfunctions or is damaged in any manner. Contact an authorized service technician for examination, repairs or adjustments.
4. Do not block airflow around the appliance. The exhaust hose should be free of any obstructions.
5. Do not install or use the appliance in any area where the atmosphere contains combustible gases or where the atmosphere is oily or sulphurous. Avoid any chemical coming in contact with your appliance.

Grounding Instructions

ELECTRICAL REQUIREMENTS

In the event of malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. The appliance must be connected to a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

 **DANGER** - Improper connection of the equipment grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment grounding conductor. If repair or replacement of the cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal. Check with a qualified electrician or service person if the grounding instructions are not completely understood, or if in doubt as to whether the appliance is properly grounded. Do not modify the plug connected to the appliance - if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

FOR GROUNDED, CORD-CONNECTED APPLIANCE RATED LESS THAN 15A AND INTENDED FOR USE ON A NOMINAL 115V SUPPLY CIRCUIT

- The appliance is for use on a nominal 115V circuit and should be connected to a grounding outlet.
- The use of a temporary adapter is not recommended.

SAFETY GUIDELINES

 **WARNING:** To prevent injury to the user or other people and property damage, the following instruction must be followed. Incorrect operation due to ignoring of instructions may cause harm or damage.

- Your appliance should be used in such a way that it is protected from moisture. E.g. condensation, splashed water, etc.
- Do not place or store your appliance where it can fall or be pulled to water or any other liquid. Unplug immediately.
- Always transport your appliance in a vertical position and stand on a stable, level surface during use.
- Turn off the product when not in use.
- Always use the switch on the control to start or shut off the unit.
- Always contact a qualified person to carry out repairs. If the supply cord is damaged it must be repaired by a qualified technician.
- Keep an air path of at least 12 inches (30cm) all around the unit from walls, furniture and curtains.
- If the appliance is knocked over during use, turn off the unit and unplug from the power supply immediately.
- Do not touch the unit with wet or damp hands or when barefoot.
- Do not press the buttons on the control panel with anything other than your fingers.
- Do not remove any fixed covers. Never use this appliance if it is not working properly, or if it has been dropped or damaged.
- Never use the plug to start and stop the unit.
- Always use the switch on the control panel to start or shut off the unit.
- Do not cover or obstruct the inlet or outlet grilles.
- Do not use hazardous chemicals to clean or come into contact with the unit. Do not use the unit in the presence of inflammable substances or vapor such as alcohol, insecticides, petrol, etc.
- Do not allow children to operate the unit unsupervised.
- Do not use this product for functions other than those described in this instruction manual.
- Locate the unit where furniture cannot obstruct the air flow.
- Keep the filters clean.



IMPORTANT NOTE: Read this manual carefully before installing or operating your new air conditioning unit. Make sure to save this manual for future reference.

EXPLANATION OF SYMBOLS DISPLAYED ON THIS UNIT

	WARNING	This symbol shows that this appliance used a flammable refrigerant. If the refrigerant is leaked and exposed to an external ignition source, there is a risk of fire.
	CAUTION	This symbol shows that the operation manual should be read carefully.
	CAUTION	This symbol shows that a service personnel should be handling this equipment with reference to the installation manual.
	CAUTION	This symbol shows that information is available such as the operating manual or installation manual.

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.

Specifications

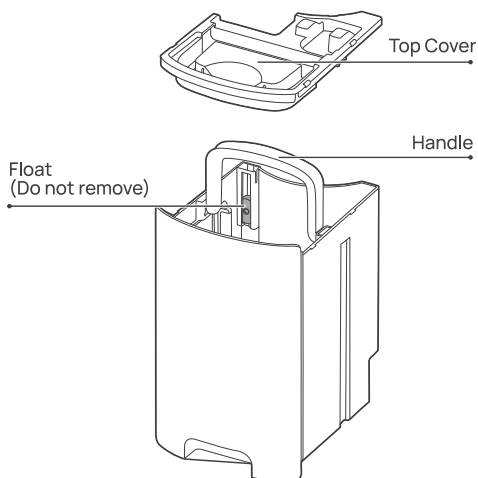
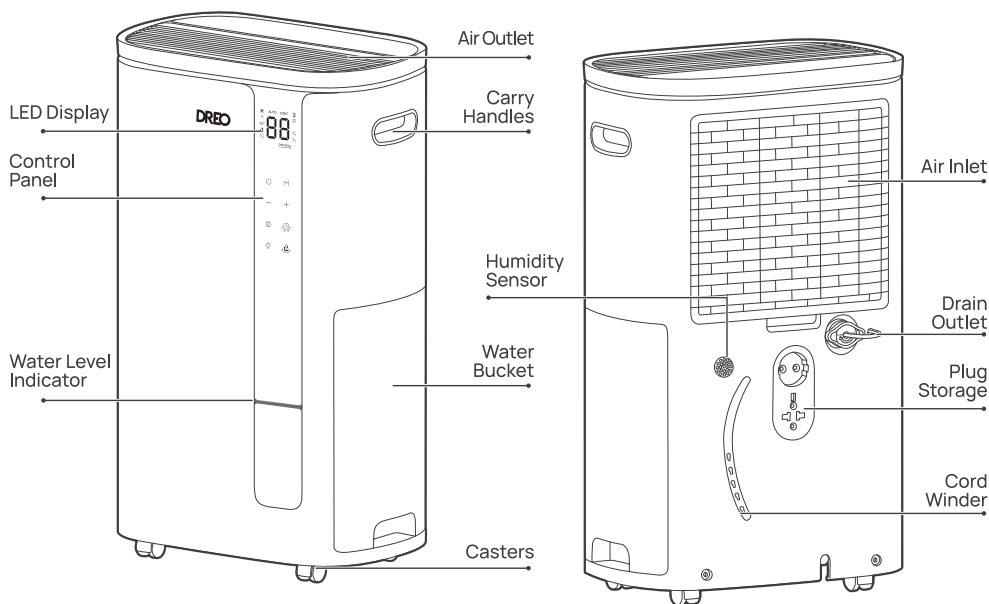
Model No.	DR-HDH003S
Power Source	115V AC 60Hz
Rated Power	460W
Rated Current	4A
Total Input Current	4A
Input Power (65°F,60%RH)	245W
Input Current (65°F,60%RH)	2.3A
Operating Temperature	41-89°F (5~32°C)
Operating Humidity	20%-90%RH
Moisture Removal (65°,60%RH)	22Pints/Day
Moisture Removal (95°F,90%RH)	72Pints/Day
IEF (65°F,60%RH)	1.75L/kWh
Water Tank Capacity	6.5L
Noise Level	40-45dBA
Motor FLA	0.87A/0.067HP
Motor Compressor	RLA 2.3A LRA:14.5A
Refrigerant	R32/105g(3.7oz)
Maximum Allowable Pressure (High/Low side)	5.0Mpa(725psig) / 3.8Mpa(551psig)
Product Dimension (W*D*H)	372*243*627mm
Product Weight	15.1kg(33.3 lbs)

Model No.	DR-HDH004S
Power Source	115V AC 60Hz
Rated Power	575W
Rated Current	5A
Total Input Current	5A
Input Power (65°F,60%RH)	334W
Input Current (65°F,60%RH)	2.9A
Operating Temperature	41-89°F (5~32°C)
Operating Humidity	20%-90%RH
Moisture Removal (65°,60%RH)	32Pints/Day
Moisture Removal (95°F,90%RH)	94Pints/Day
IEF (65°F,60%RH)	2.01L/kWh
Water Tank Capacity	6.5L
Noise Level	40-45dBA
Motor FLA	0.87A/0.067HP
Motor Compressor	RLA:2.51A LRA:20.6A
Refrigerant	R32/125g(4.40z)
Maximum Allowable Pressure (High/Low side)	5.0Mpa(725psig) / 3.8Mpa(551psig)
Product Dimension (W*D*H)	372*243*627mm
Product Weight	15.6kg(34.4 lbs)

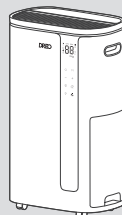


Please keep the dehumidifier upright for at least 6 hours before using the unit for the first time.

Package Contents



Accessories



Dehumidifier x1



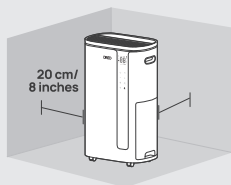
Drain Hose x1

User Manual x1

Quick Start Guide x1

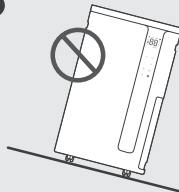
Getting the Most out of This Appliance

1



Keep this appliance at least 20 cm/8 inches away from walls or any major obstacles.

2



Only use this appliance indoors and on a smooth, level surface.

Note:

- Do not use this appliance in tight or high-temperature areas.
- This appliance works best in 41-89°F environments with a relative humidity of 95% or below.
- When the dehumidifier is switched on or off repeatedly, the compressor will enter a 3-minute cool-down period for protection, then restart automatically.

Control Panel



Power Button

- Touch to turn the appliance on or off.
- Long press for 5 seconds to disable WiFi connection and reset to factory settings.



Mode Button

- Switch between Auto / Continuous Mode.



Humidity Level Buttons

- In Auto Mode, touch ⊕ or ⊖ to adjust the humidity level (30%-85%, 5% increments).
- When setting a timer, touch ⊕ or ⊖ to adjust the duration.



Fan Speed Button

- Adjust fan speed across 1-3 levels.
- Long press for 5 seconds to reset the Filter Cleaning Indicator and the light will be turned off. By default, the Filter Cleaning Indicator  lights up after 600 hours of appliance use.
- Fan level 3 quickly reduces room moisture. Once humidity is at your desired level, switch to level 1 for quieter operation.



Timer Button

- When the appliance is ON/OFF, touch the timer button repeatedly to set a timer (0-24h). When the timer ends, the appliance will stop/start running automatically.
- To cancel, set the timer to 0 hour.
- Long press for 5 seconds to start network settings and device pairing.



LED Display ON/OFF

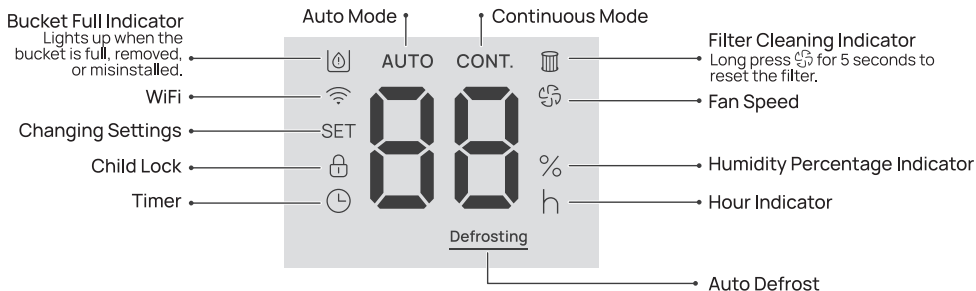
- Touch to turn the LED Display on or off.
- Long press for 5 seconds to mute/unmute.



Child Lock

Long press for 3 seconds to activate / deactivate the Child Lock function. When activated, the display will show "LC", and all the buttons on the appliance will be locked.

LED Display



Working Modes

AUTO

Auto Mode

- The appliance stops dehumidifying when the room humidity falls below the set level, and resumes when it is at or above it.
- Press $\oplus$ or $\ominus$ to set the target humidity (30%-85% RH, 5% increments, default 50%).
- Touch (1-3 levels) to change fan speed or reduce noise.
- After the compressor stops dehumidifying, the fan will continue to run for 3 minutes to blow out water vapor from the appliance.

CONT.

Continuous Mode

- The dehumidifier runs continuously regardless of the room humidity level until the water bucket is full or the unit is turned off.
- When Continuous Mode is enabled, the target humidity level cannot be set, but the fan speed can be adjusted.

CUSTOM

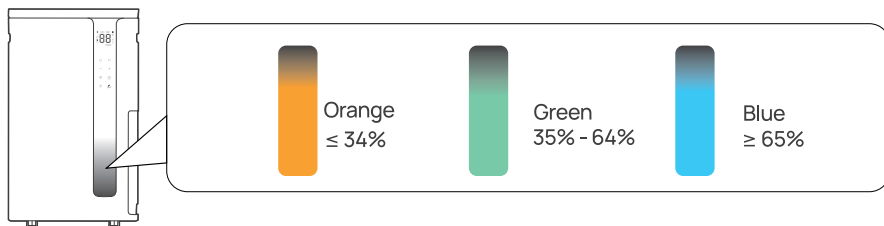
Custom Mode (Only Available in the DREO App)

- Set 3 target humidity levels based on different room temperature ranges.
- The appliance detects room temp and adjusts humidity accordingly based on the set levels. Custom Mode is not shown on the device screen.

Note: After running constantly for 8 hours, the appliance will go into standby for safety reasons, then it will resume operation in 10 minutes.

Ambient Light

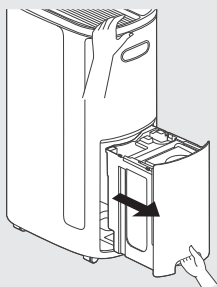
The ambient light color will change according to your room humidity level.



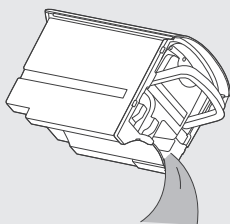
Water Drainage

When the water bucket is full, the Water Level Indicator will light up, and the unit will stop operating until the water bucket is emptied and put back in place. There are two ways to empty the water bucket.

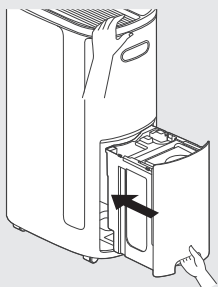
Manual Drain



Take the water bucket out from the bottom of the appliance.



Pour water out of the bucket until it is empty.



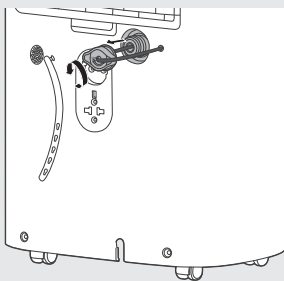
Insert the water bucket back in place.

Note: After turning off the appliance, please wait for several minutes before taking out the water bucket to prevent water spills.

Continuous Drain

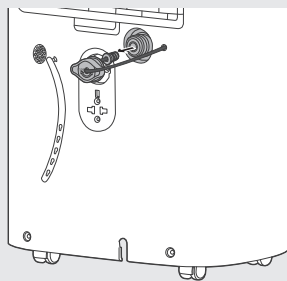
You can attach a drain hose to the drain outlet on the back of the dehumidifier to automatically empty water from the appliance. This allows for continuous operation without the need to manually empty the water bucket. Follow the steps below to set this up:

1



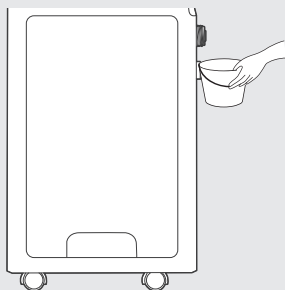
Remove the drain outlet cap.

2



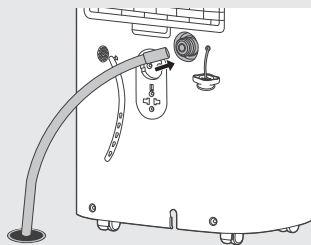
Pull out the rubber plug.

3



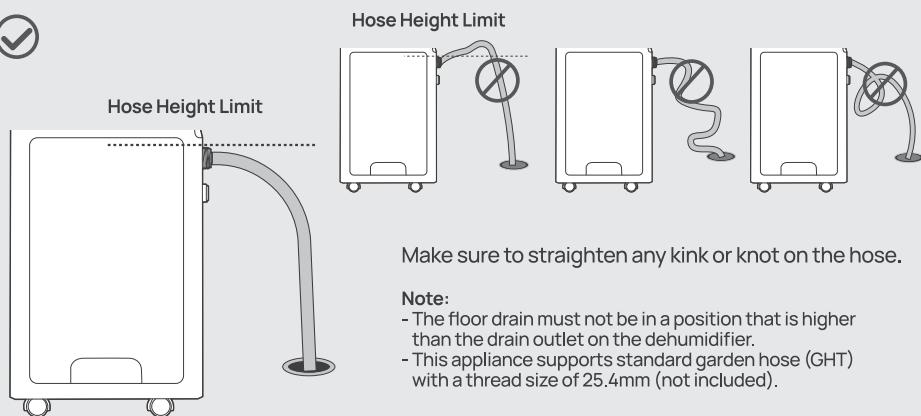
Slight water spills may occur.

4



Tighten the larger end of the hose (with silica gel) onto the drain outlet, and connect the other end to a floor drain.

5



Additional Features



Automatic Defrosting

When necessary, the compressor will automatically cycle off the frost build-up on the evaporator coils, and the Defrosting indicator will light up. After defrosting is completed, the compressor will automatically restart and the appliance will resume normal operation.



Timer

When the appliance is ON/OFF, touch the timer button repeatedly to set a timer (0-24h). When the timer ends, the appliance will stop/start running automatically. To cancel, set the time to 0 hour.



Memory

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



Firmware Update

Check the firmware version on the DREO app and update regularly for the appliance to work more efficiently.



Display will show "UP" during the update process. Do not operate until the update is completed.



Mute

Long press  on the control panel for 5 seconds, or use the DREO app to turn on/off the button sounds of this appliance.

CONNECTING TO YOUR APPLIANCE

04



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 Dehumidifier 733S/764S" when connecting your new appliance.



You can use the DREO app to connect your appliance 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.



Launch DREO and sign in or create an account by following in-app instructions.

1

Enable Bluetooth on your mobile device and plug in your appliance.



2



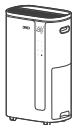
Hold  for 5 seconds to start WiFi connection settings.
(Tip: The WiFi icon  will keep flashing when pairing.)

3

Tap + Add Device and select **Smart Dehumidifier 733S/764S**.



4



Follow in-app instructions to complete WiFi connection.

5

You're now ready to control the appliance on your app.
(Tip: To restart connection settings, hold  again for 5 seconds)



6

Long press the power button  for 5 seconds to unpair WiFi and restore factory settings.

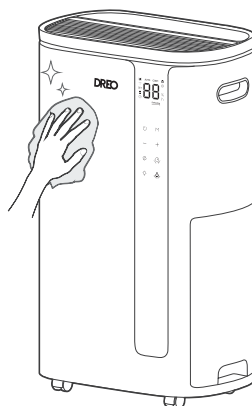
Scan the QR code to see the cleaning and installation guide:



- Always turn off and UNPLUG the dehumidifier before any cleaning or maintenance.
- Do not clean the main body under running water.
- Do not let water splash into the air outlets.
- Do not use any chemical agents when cleaning the dehumidifier.
- Store in a cool, dry place and cover it to protect from dust.
- Do not overfill the dehumidifier due to the potential risk of electric shock.

Outer Surface

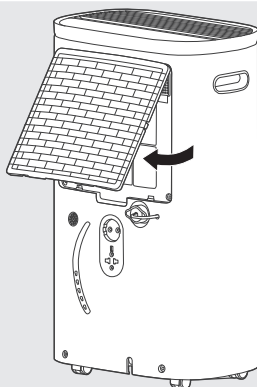
Clean the outer surface using a damp, lint-free cloth and mild detergent. Dry the appliance with a dry, lint-free cloth.



Air Filter

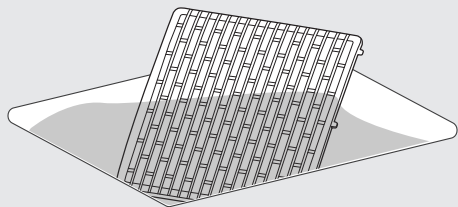
RECOMMENDED ONCE A MONTH

1



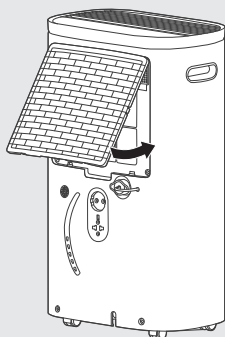
Remove the grill from the back of the unit.

2



If there is stubborn dirt or dust, immerse in lukewarm water and rinse a couple of times.

3

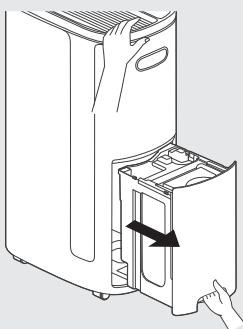


Let the filter dry before re-attaching to the main unit.

Water Bucket

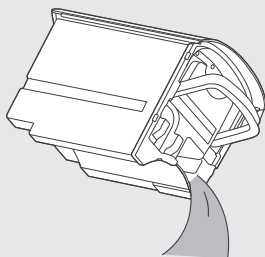
RECOMMENDED ONCE EVERY YEAR

1



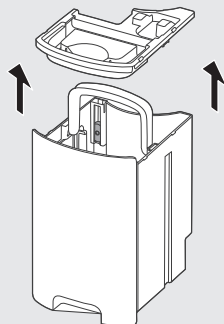
Take the water bucket out from the bottom of the appliance.

2



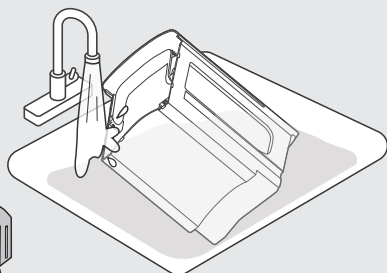
Pour water out of the bucket until it is empty.

3



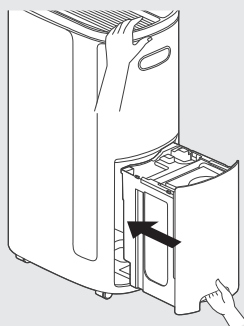
Raise the bucket handle, then take off the top cover.

4



Clean the water bucket and the float under running water. DO NOT take the foam out of the float.

5



Insert the water bucket back in place.

OCCURRENCE	POSSIBLE CAUSES	SOLUTION
The appliance does not work	The appliance is unplugged.	Make sure the appliance's plug is pushed completely into the outlet.
	The fuse is blown/circuit breaker is tripped.	Check the house fuse/circuit breaker box and replace the fuse or reset the circuit breaker.
	The appliance will stop when the preset target humidity is equal to the current ambient humidity in Auto Mode.	Adjust the preset humidity value in Auto mode or change to Continuous Mode.
	The water tank is full.	Empty the water tank and put it back properly.
	The water tank is not put back in place.	Unplug the water tank and plug it back in completely.
	The power button was not pressed or the device was turned off manually.	Short press the power button to turn on the appliance.
The pump/ compressor does not work or stop working	The pump/compressor has a 3-minute warm-up or cool-down time.	When the appliance is powered on, the pump/compressor has a 3 min warm-up time. To protect the compressor, the compressor has a 3min cool-down time when the appliance is turned on quickly after being turned off. When the compressor works continuously for 8 hours, it will cool down for 10 minutes and then start again.
Appliance does not dry the air as it should	Not enough time allowed for unit to remove moisture.	When first installed, allow at least 4-8 hours to maintain the desired dryness.
	Airflow is restricted.	Make sure there are no curtains, blinds or furniture block the air intake of the appliance.
	Dirty filter.	Clean the filter. See the Air Filter section.
	The Humidity Control may not be set low enough.	For drier air, press the "Decrease" button to lower the percent humidity desired in the room, or set the appliance to continuous mode for maximum dehumidifying.
	Doors and windows may not be closed tightly.	Check that all doors, windows, and other openings are securely closed.
	There is water vapor source in the room.	Clothes dryer may be blowing moist air into the room. Install the appliance away from the dryer. The dryer should be vented outside. If there has a appliance running, turn it off.
	Room temperature is too low.	Moisture removal is best at higher room temperatures. Lower room temperatures will reduce the moisture removal rate. This model is designed to operate at temperatures above 41°F (5°C).
Appliance runs too long	The area is too large.	The capacity of the appliance can not meet the area of the room.
	Doors and windows are open.	Close the door and window.

Frost appears on heat-exchanger	Appliance runs recently or the room temperature is too low.	The appliance will automatically start defrosting, and the whole process may take 15 to 20 minutes. When the appliance completes defrosting, it will automatically restart dehumidifying.
Appliance abnormal noise	When the compressor starts, there will be some additional low sound.	This is normal.
	The dirty filter affects airflow.	Follow the instructions to clean it.
	The appliance may be placed on a sloping floor or there are potholes in the floor.	Place the appliance on a level surface and ensure the floor is flat.
	The disassemblable components are not installed properly.	Please check whether the filter, water tank or drain pipe is installed in place.
Water on the floor	The drain connection may be aging or loose.	Check the drain connection and the appliance is placed level.
	The drain pipe is connected, but the water is not drained.	If use the bucket, remove the drain pipe and put back the drain cover; or install the drain pipe correctly
	The appliance may be placed on a sloping floor.	Place the appliance on level ground as much as possible.
	The water tank is not put back in place.	Unplug the water tank and plug it back in completely.

STATUS CODE	CAUSES	SOLUTION
LC	Child Lock is enabled.	Long press the child lock button for 5 seconds to disable it.
SC	User has set the schedule plan on the app.	Check the schedule plan in your app.
LO	Ambient humidity is less than 15%.	This is normal.
HI	Ambient humidity is higher than 95%.	This is normal.
PL	The power source voltage is lower than 100V.	Please check your power supply voltage.
UP	The device is updating.	Please wait about 3-5 minutes.

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.

Model No.: DR-HDH003S_004S
Rev_EN_1.1

We're Here to Help!

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

 **support@dreo.com**

 **www.dreo.com**

 **DREO PTE. LTD.**

 **112 ROBINSON ROAD, #03-01, ROBINSON 112, SINGAPORE 068902**



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Looking for help?

Contact us to get expert support.



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