

ivation

14.7 PINT COMPACT COMPRESSOR DEHUMIDIFIER WITH DRAINAGE HOSE

7 LITER COMPACT COMPRESSOR DEHUMIDIFIER WITH DRAINAGE HOSE

USER GUIDE USER GUIDE

IVACDEH15P



Thank you for purchasing the Ivation® 14.7 Pint (7 Liter) Compact Compressor Dehumidifier. This User Manual is intended to provide you with guidelines to ensure that operation of this product is safe and does not pose risk to the user. Any use that does not conform to the guidelines described in this User Manual may void the limited warranty.

Please read all directions before using the product and retain this guide for reference. This product is intended for household use only. It is not intended for commercial use

This product is covered by a limited one-year warranty. Coverage is subject to limits and exclusions. See warranty for details.

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PACKAGE CONTENTS

Ivation® 14.7 pint (7 liter) compact compressor dehumidifier and power cable
Water tank
Drainage hose
User manual

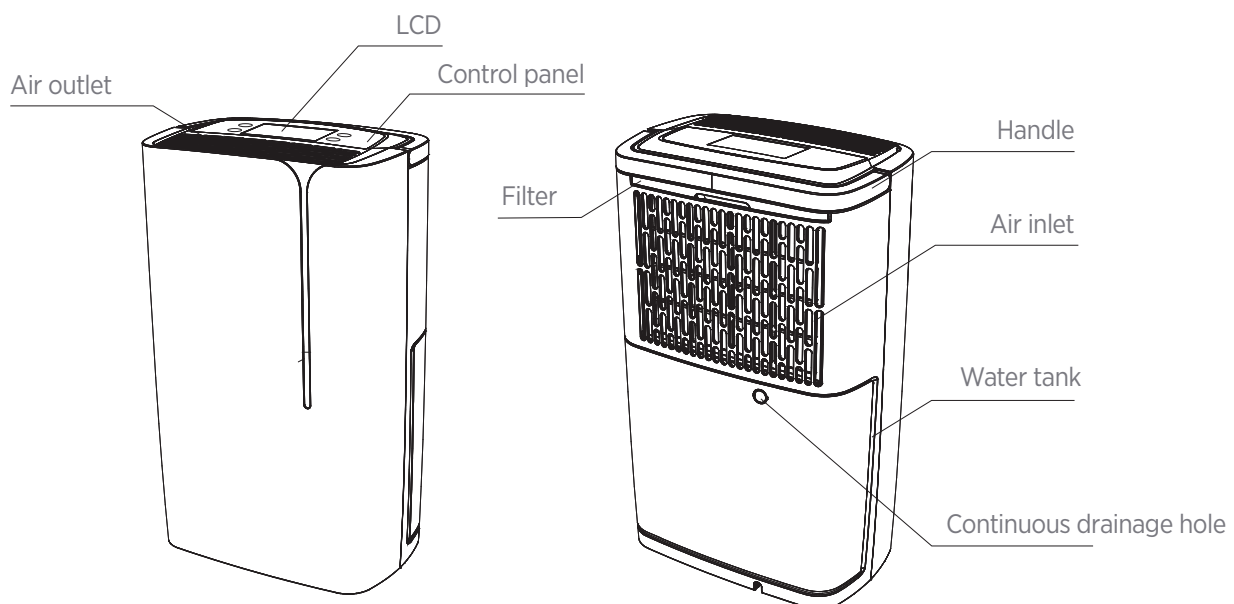
SAFETY PRECAUTIONS

- Before plugging this device in, make sure that the power cord and wattage/voltage of the outlet supplying power to the unit comply with the recommended wattage/voltage on the rating label.
- Before cleaning, make sure to completely turn off and unplug this appliance.
- Never unplug the power cable without first pressing the  button to turn off the dehumidifier. Failure to do so could damage the unit.
- Never let any hard or heavy objects press into or sit atop the power cord. This could damage the cord, which will result in electrical shock or a similar safety hazard.
- Never remove the plug from the outlet or attempt to move the dehumidifier by yanking or pulling on the power cord.
- Do not run the power cord under carpeting, nor cover it with rugs or runners. Make sure the cord is moved out of the way so that no one can trip over it.
- Never use any heating device (space heater, fireplace, etc.) near the dehumidifier.
- Never place anything on top of the dehumidifier, and do not cover it with any kind of material during use.
- Never remove the plug from the power supply or handle any other electrical parts of the dehumidifier with wet hands.
- Never immerse the dehumidifier, plug, or power cable in water, or spray them with liquids.
- Never place the dehumidifier under any wet and/or dripping objects.
- Always make sure the power cable is plugged into a grounded outlet, the plug is undamaged, and the connection is secure before turning on the appliance.
- Please make sure to disconnect the unit fully from the power supply if you will not be using it for any period of time. This dehumidifier includes a memory function that stores and remembers any programmed settings when the unit is unplugged, so your settings will be saved when you plug it back in and resume use.
- Never attempt to repair or disassemble this appliance by yourself for any reason.
- If at any point you notice a device malfunction or abnormal behavior (for example, a burning odor emitting from the unit), immediately disconnect the product from the power supply and contact Ivation® customer service.
- Never dispose of this product with regular household waste. If you intend to dispose of this product, please contact your local waste disposal service for information about how to properly dispose of a product of this nature.
- This appliance should not be used by children or persons with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they are closely supervised at all times, and/or have received extensive instruction and training on how to use this device by a person responsible for their safety.
- Young children should always be supervised around this appliance to ensure that they do not play with or climb on it.
- Individuals with disabilities should not attempt to use this device without supervision to avoid risk of injury.
- User maintenance and cleaning should always be conducted with adult supervision. Children should not be allowed to maintain or clean this device.
- Use of an extension cord is not recommended with this appliance.
- Make sure to install this appliance in accordance with national wiring regulations.
- Check the voltage in your household to ensure it conforms with this dehumidifier's rated specification (120 V ~ 60Hz) before operating the unit.
- If for some reason the power cord becomes damaged, it must be replaced by either Ivation®, an authorized serviceperson, or a similarly qualified professional as soon as possible. ***Do not attempt to repair or replace the power cord on your own.***

SAFE USE REQUIREMENTS

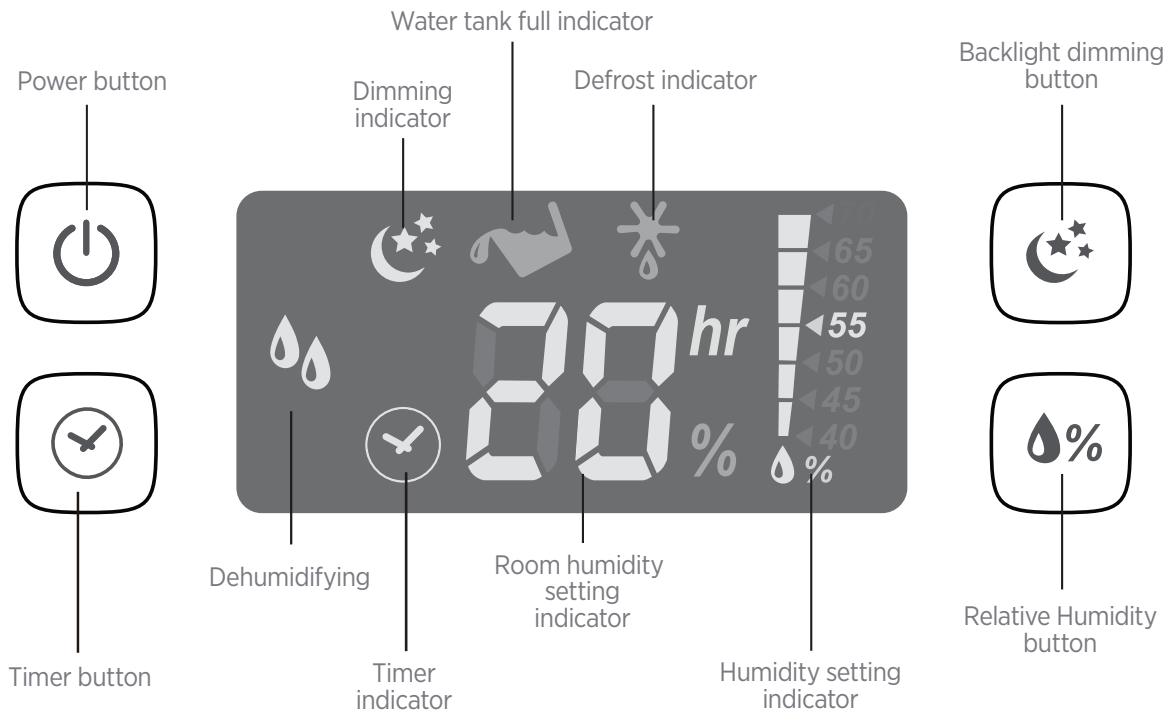
- The dehumidifier is only intended for indoor residential use. It should not be used for commercial or industrial spaces or else it may not perform as intended and could present a safety hazard.
- Always place the dehumidifier on a smooth and level floor in an upright position to avoid any damage.
- When operating, this device will have no effect on adjacent enclosed areas such as closets or pantries, as long as they remain enclosed. If the door to such an area is left open, the dehumidifier may remove humidity from that space as well.
- Make sure to place this appliance in an area where the temperature will not fall outside the specified working range of 41° – 95°F (5° – 35°C) and where the humidity will remain within the specified working range of 30% – 90%. Please note that outside of these ranges the dehumidifier will not function properly, and could present a safety hazard if you attempt to operate it.
- Always make sure to allow at least 8" (20.3 cm) of air space on the sides and rear of this device, 20" (50.8 cm) in front of it, and 24" (61 cm) above it.
- Never operate the dehumidifier without the air filter.
- Always empty the water tank before storing the dehumidifier for long periods of time.
- When/if using the dehumidifier to speed up the drying of wet clothes in the room, make sure to keep all clothing at a safe distance from the dehumidifier to prevent water dripping onto it. Failure to do so could result in electric shock or fire.
- Please make sure the air inlet is kept clean and free from blockage at all times.
- Never use a dehumidifier in a bathroom.
- Avoid exposure to direct sunlight.
- This dehumidifier has built-in castors on the bottom to aid in its placement. Do not attempt to roll it across carpet or over objects, or else water could spill out from the bucket and present a safety hazard, or the dehumidifier could get caught on the objects and malfunction.

PARTS



NOTE: For further details about the control panel, please refer to the Control Panel Overview section on page 4.

CONTROL PANEL OVERVIEW



Displays only when timer is set



Displays when LCD backlight is dimmed



Dehumidifying mode



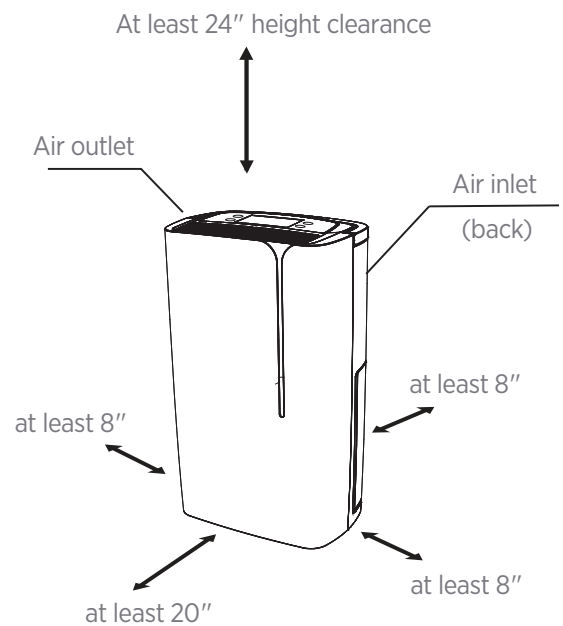
Blinks when defrosting




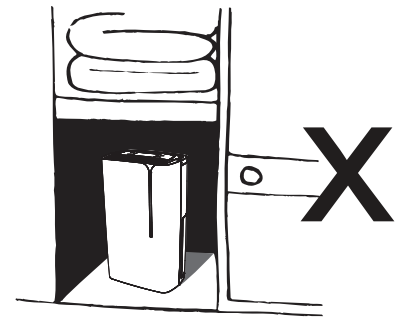
Blinks when water tank is full

IMPORTANT NOTES BEFORE USE

- Please ensure the dehumidifier is a safe distance away from walls and furniture on all sides, as shown in the diagram.
- Place the unit in an upright position on a stable, level surface, making sure that it is not sitting on its own power cable.
- Ensure clothes are kept at a safe distance of at least 23.6" (60 cm) from the air outlet of the dehumidifier, to prevent water dripping into the unit.
- For best results, position your dehumidifier somewhere central, such as a landing or a hallway. As long as other internal doors are open, the excess moisture from other rooms in the house will naturally migrate toward the dehumidifier and be processed.





- **! CAUTION:** Do not place the dehumidifier in a broom cupboard, boiler room, or similar small, unventilated rooms. Avoid placing the dehumidifier in small, confined areas; in close proximity to a radiator; or close to a similar heat source, such as tumble dryers and ovens, to prevent the dehumidifier from overheating.
- **⊘** Do not use this dehumidifier in a dusty or industrial environment, where particles can get into the unit. This will cause a malfunction and void your warranty.
- The water bucket must be properly installed and emptied in order for the dehumidifier to function. If the tank is full or not in place, the  icon will start blinking and the unit will stop running.
- Do not remove the bucket while the unit is in operation. If the bucket needs to be emptied, please make sure you shut off the unit first. You should not remove it while the unit is running to avoid risk of electrical shock, water leakage, or other safety hazards.
- All successful button presses on the control panel will be indicated with an auditory “beep” response as confirmation.
- Do not insert small objects into the unit. This will damage it, cause a hazard, and void your warranty.
- When the power cable is connected, the indicator light above the power button will be lit and the dehumidifier will beep to confirm it has been connected to a power source.





USING YOUR DEHUMIDIFIER

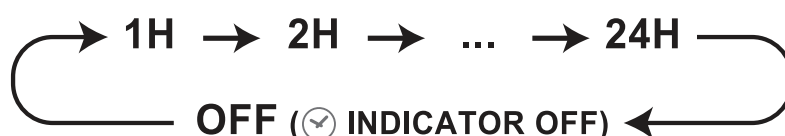



Powering On & Off

1. Plug the power cable into the appropriate electrical outlet.
2. Press the on/off button  to turn the unit on. The LCD panel will light up.
3. If the dehumidifier has previously been properly switched off, and you are turning it back on again, it will resume operating with your previously applied settings for the mode, humidity, and backlight. The timer setting will be the only one reset.
4. If the power is being restored after a power failure, all settings will be restored, including the timer.
5. To power down the dehumidifier, press the on/off button  first, and then unplug the power cable from the electrical outlet.

Setting the Timer

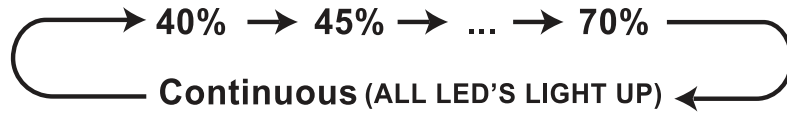
1. Press the  button to set a timer from 1 to 24 hours, or turn it off. The timer will cycle through the times available in hour increments, from 1-24h, then off. When the timer is off, the  icon will switch off.



- After setting the timer, the icon and numbers on the LCD panel will blink for five (5) seconds and then return to displaying the current humidity level in the room.
- Press the  button once at any time to check the time remaining.

Setting the Humidity

- Press the  button to adjust the humidity level by increments of 5%, or set it to CO (Continuous Mode). The display will cycle through the available humidity levels, ending with continuous mode.




- If continuous mode is not selected, the dehumidifier will run and dehumidification will occur once the room humidity level is detected rising above the selected RH (relative humidity) level.
- After setting the RH level, the icon and numbers on the LCD panel will blink for five (5) seconds and then return to displaying the current humidity level in the room.

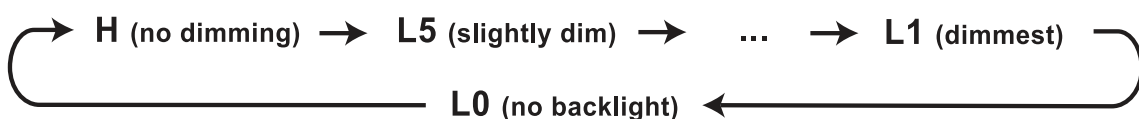
Humidity Levels	Recommendations for Use
≥ 60%	Maintaining the room at a comfortable indoor humidity level
50-55%	Deterring mold and bacteria growth. Ideal for normal daily household use to maintain humidity at a healthy level. Bacteria and mold are less likely to breed at this RH level.
40-45%	Preventing condensation (extra-dry mode). Ideal for controlling a very damp room. Start at this level for the first couple days, and then increase to 50-60% or higher to conserve energy.
Continuous Mode	Drying clothes faster (especially in the winter). The unit will continue to remove humidity from the air regardless of the current humidity level, unless the water tank is full. <i>We recommend setting a timer in this mode to conserve energy.</i>

NOTES ON HUMIDITY:

- Humidity levels are only available from 40% – 70%. This is a standard feature on the majority of dehumidifiers. Under 40% humidity is too dry to be comfortable, and over 70% humidity can be too muggy to be comfortable, and could also cause the device to malfunction or create the risk of electrical shock.
- The RH level indicated on the LCD panel has a ±10% RH tolerance, and can vary depending on the ambient room temperature.
- Once the set humidity level has been reached, the unit will pause the dehumidification process to save energy. See the section on page 7 for information about the auto-pause and restart function.

Dimming the LCD Backlight

- Press the  button to cycle through the dimming options for the LCD backlight, from H (no dimming), to L5 (slightly dim) through L1 (dimmiest), ending with L0 (no backlight).



- The  icon will only light up when the backlight is set between L5 and L0.


Auto Pause & Restart Function

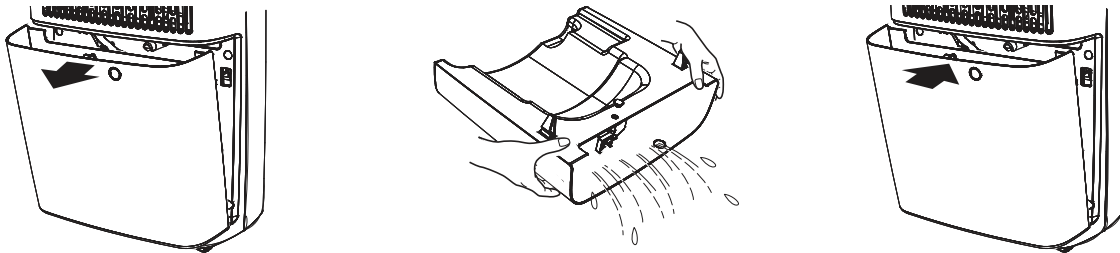
Once the set humidity level has been reached, the unit will pause the dehumidification process for 60 minutes, to conserve energy. After 60 minutes, the unit will run on fan mode for five (5) minutes to monitor the humidity level in the room. If the humidity level in the room increases by 5% or more during the time that the dehumidifier is paused or running on fan mode, the unit will start dehumidifying again.

If the humidity level in the room does not increase during this time, the dehumidifier will repeat the 60-minute pause and 5-minute fan cycle until the unit detects an increase in humidity level.


DRAINAGE OPTIONS

Option 1: Manually Emptying the Water Tank

1. Once the water tank is full, the  icon light will blink and the dehumidifier will stop running.
2. Never move the unit or remove the water tank while the dehumidifier is running, as water may leak, damage the unit, or cause an electric shock hazard.
3. Hold the handles on both sides of the water tank and gently lift it toward you. Please make sure to do this slowly and carefully because water may slosh onto the floor or the unit itself.
4. Empty the water (into a drain) and then clean the water tank.
5. Once the bucket is emptied and cleaned, replace it as normal into the dehumidifier

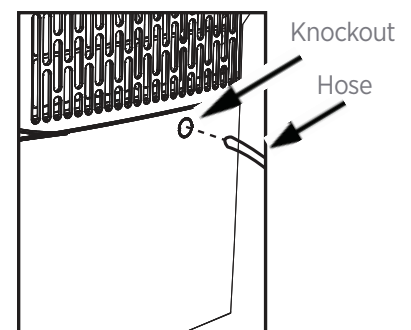


NOTE:

- Use clean water to clean the tank as needed. Do not use detergent, solvents, abrasives, or hot water, in order to avoid damaging the dehumidifier.
- Do not remove or damage the float in the water tank, or else the unit will not work correctly.
- The  icon will blink if the water tank is not properly repositioned in the unit.

Option 2: Continuous Hose Drainage

1. A hose is included in the box; however you can also use your own hose, if the provided hose is not long enough. The hose should have an inner diameter of 0.47" (12 mm).
2. Use a screwdriver to remove the knockout hole at the rear of the unit (on the tank).
3. Attach the hose through the hole to the connector.
4. Make sure that the drainage hose you have installed is aimed downward. Feed the other end of the hose into a floor drain and then cover the hole with a lid so the water will run straight into the drain and not spill. Please note that the hose should not be pressed, twisted, or run up an incline, or else the water will not drain properly.



NOTE:



- Ensure the water tank is properly fitted into position before you insert the hose.
- Make sure to disconnect the hose prior to removing the water tank.

TROUBLESHOOTING

The following symptoms are normal and do not merit concern:

1. The compressor will stop, or rest, for three (3) minutes every time the dehumidifier shuts down, as well as every time it is plugged in to the electrical outlet. This ensures a smooth start for the dehumidifier.
2. The unit will only work within the ambient room temperature range of 41-95°F (5-35°C). It may cease operation when the room temperature is outside of this range, or when the air inlet/outlet are covered.
3. During normal operation, it is possible for the dehumidifier to increase the room temperature by as much as 34-37°F.

If your dehumidifier is not functioning as expected, please refer to this table first. If these solutions do not resolve your issue, contact Ivation Customer Care. Do not try to repair the unit yourself, as this could cause an electrical shock hazard and void your warranty.

Symptoms	Possible Causes	Probable Solution
Dehumidifier not operating	The unit is unplugged	Make sure the plug is pushed completely into the electrical outlet, and that there is power being supplied to the outlet.
	The water tank is full, or not positioned properly (the  icon is blinking)	Empty the water tank, check to make sure the float is in position, and replace it correctly.
	The unit is defrosting (the  icon is blinking)	This is normal, and the unit will restart as soon as it has finished defrosting.
Very little water is being collected	Humidity in the room has reached the set level	This is normal, but you can choose a lower humidity setting (e.g., 40%) for drier air.
	Ambient temperature is too low, causing the unit to defrost often	This is normal if the temperature is too low. Consider waiting for the room to warm up before using the dehumidifier.
	Ambient temperature is too high, causing the unit to overheat	This is normal if the temperature is too high. Do not use the unit in small, enclosed spaces, or in rooms where the ambient temperature is high. Move the unit to a cooler spot and wait at least ten (10) minutes before resuming operation.
	Air filter is dirty	Clean the air filter.
	The air inlet/outlet is covered	Ensure nothing is obstructing the air inlets and outlets, and that the unit is correctly set up. (Refer to Important Notes Before Use on page 4)
Unit is leaking	The unit is not level	Ensure that the dehumidifier is placed on a level surface, and not accidentally sitting on a cable, etc.
	Drainage is clogged or loose	Check the drainage hose and its connection.
Unit is noisy	Unit is not on a flat, level surface	Move and then restart the unit.
	Air filter is dirty	Clean the air filter.

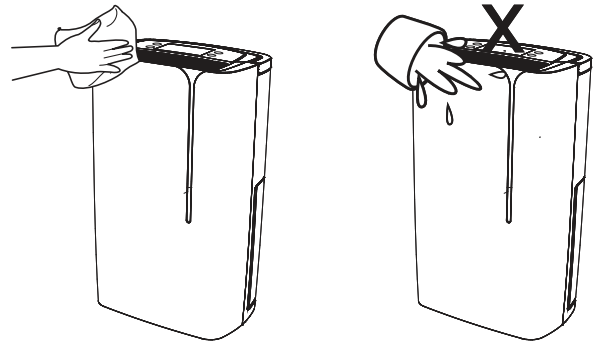
CARE AND MAINTENANCE

WARNINGS:

- Before cleaning, turn off the dehumidifier and disconnect it from the power supply. If you do not do this, you could create the risk of electrical shock or other safety hazards.
- Do not wash the dehumidifier with water or submerge the unit in water at any time. This could cause electrical shock or even a fire.
- Do not use harsh detergents to clean the dehumidifier at any time or else it will strip the paint and damage the unit's appearance.

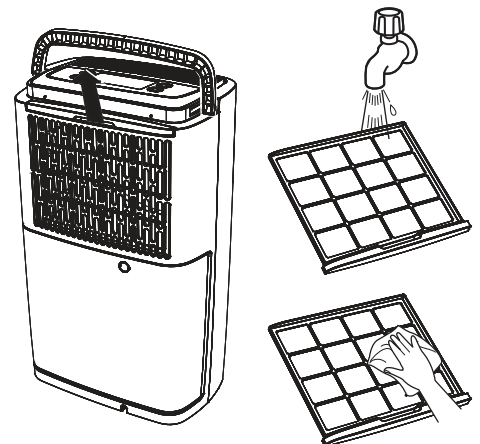
Caring for the Outer Casing

- Make sure the unit is turned off. Wait for the fan to stop, and then unplug it from the outlet.
- Use a soft towel that is damp—NOT wet—with warm water and mild detergent to clean the casing. Do not use solvents or abrasive materials.
- Use a soft, dry towel to thoroughly dry the unit after cleaning.
- In order to avoid damage, do not wash the unit with water or let water drip into the air inlet or outlet.
- To clean the air intake vent, you should use a dust catcher or gentle brush.



Caring for the Air Filter

- Check the filter periodically to ensure any dust is removed that could cause airflow or performance issues. We generally recommend cleaning the air filter every month. If you are using the dehumidifier in a location where dust accumulates more quickly, you will need to clean the air filter more often.
- To remove the air filter, first turn the unit off and unplug the power cable from the outlet. Then, reach inside the opening at the rear of the unit, grasp the top plastic edge of the air filter, and pull straight up to remove it.
- Use warm soapy water to wash and wipe down the air filter, making sure to rinse it and allow it to air-dry before replacing it in the dehumidifier.



WARNINGS:

- Do not attempt to operate the dehumidifier without the filter, or else dust will accumulate on the evaporator and this will affect the unit's performance.
- Do not dry the air filter with fire or an electric hair-dryer, otherwise the filter could become misshapen or catch on fire.
- Do not use a dust catcher or brush to clean the air filter, as these can permanently damage the filter.

Before Use (Seasonally)

- Check to make sure the air outlet is not blocked.
- Check to make sure the power plug and power socket are in good condition.
- Check to make sure the air filter is clean.
- Check to make sure the drain hose is not damaged.

After Use (Seasonally)

- Disconnect power.

- Clean air filter and outer casing.
- Clean the dust and any obstacles from the dehumidifier.
- Empty the water bucket and clean it. Allow it to drain for approximately 24 hours.

Seasonal Storage Instructions

If you intend to put your dehumidifier in storage for the season, or simply plan on not using it for an extended period of time, we recommend you take the following steps:

- Make sure the water bucket is emptied and dry, and the drainage hose is removed.
- Unplug the dehumidifier and store the power cable safely.
- Clean the unit and wrap it up so that dust will not accumulate in the filters, air vents, etc.
- Store the unit upright in a cool, dry place. Do not expose it to direct sunlight.

SPECIFICATIONS

- Rated Voltage: 120V
- Rated Frequency: 60Hz
- Rated Dehumidification Capacity: 14.7 pints/day (7 L/day)
- Power Consumption: ~200W
- Water Tank Capacity: 3.8 pints (1.8 L)
- Set Humidity Range: 40% – 70%
- Dimensions: 10.9" W x 7.1" D x 18.3" H (27.7 x 18 x 46.5 cm)
- Net Weight: 21.8 lb. (9.89 kg)

QUESTIONS OR PROBLEMS? CONTACT US!

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