

ecobair

DC18 MK2 / DC26
DC2-100002

COMPRESSOR DEHUMIDIFIER

USER GUIDE



DISPOSAL



The appliance must not be disposed of with household waste, but must be taken to an approved waste separation and recycling centre.

Read the instructions for use
Save them for future use
usage

Go to [ecobair.org](https://www.ecobair.org) to register your product
or general terms and conditions

WELCOME

Thank you and congratulations on choosing an EcoAir dehumidifier to help you improve the air quality in your environment. The manual contains many helpful tips on how to use and maintain your dehumidifier efficiently. A little preventative maintenance can save you money and extend the life of your dehumidifier.

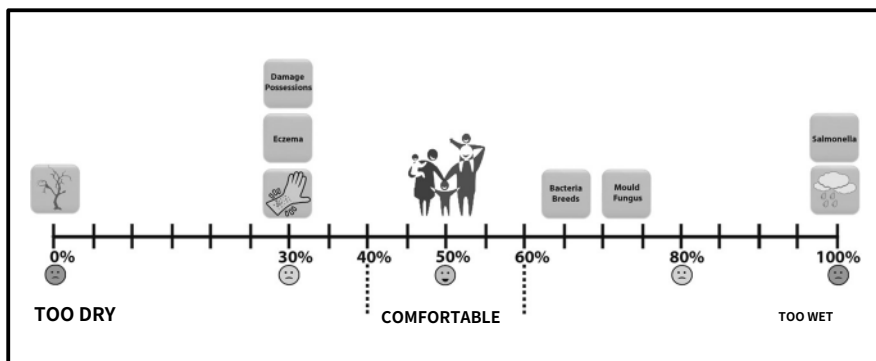
The purpose of a dehumidifier is to remove excess moisture from the air by detecting the humidity level in the room. By keeping the humidity within the recommended limits, a dehumidifier combats dampness, mold, and mildew in the home. Dehumidifiers can help reduce the symptoms of asthma, allergies, and other respiratory conditions. They can also be used to dry laundry faster and limit moisture damage (such as the aftermath of flooding, leaks, or rising damp) to valuable buildings.

possessions and furniture.

HUMIDITY GUIDE

There will always be water vapor in the air. The water vapor (or better known as moisture) in the air is measured in Relative Humidity (RH) %. RH is the ratio of the actual amount of water vapor in the air to the amount the air could hold if it were

Saturation expressed as a percentage. Too much or too little moisture in our homes can be unhealthy and uncomfortable. The optimal humidity is between 40% and 60% (RH), where we feel most comfortable.



Low humidity

Low indoor humidity causes excessive dehydration, which can lead to skin irritations like eczema, chapped skin, and a dry nose. It can also damage possessions like wooden furniture, musical instruments, and artwork by drying them out too much.

High humidity

High indoor humidity causes damp and condensation. The moisture left behind by condensation can damage plaster, wallpaper, furniture, vehicles, wooden windows, doors, and clothing. It can be harmful to our health when bacteria thrive and cause mold and fungus.

Maintain safe humidity levels

It's important to maintain a constant humidity level to preserve furniture, paintings, and door and window frames. High humidity causes swelling, corrosion, and softening of adhesives and paint. Low humidity

Moisture causes shrinkage, cracking, and warping of wooden surfaces, as well as cracks in joints, doors, and windows. Frequent changes in humidity can accelerate damage to property and belongings.

Condensation

The warmer the air, the more moisture it can hold than colder air. So, as the air inside your home cools, the moisture content in the air becomes saturated and heavier.

This leads to moisture concentration in the coldest parts of the house, especially on windows, bathroom mirrors, and walls. This is condensation, caused by a sudden increase in humidity, cooking, showering, drying clothes, inadequate ventilation, and poor thermal insulation.

Condensation doesn't disappear immediately, even with the dehumidifier running. If excessive condensation appears on your windows, for example, it's best to open them for a few minutes to remove the excess moisture. It will take a while for the condensation to increase the humidity in the room. Once the humidity in the room around the dehumidifier exceeds the set level, the dehumidifier will begin dehumidifying.

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IMPORTANT SAFETY INSTRUCTIONS

WARNING!

This dehumidifier is intended for use in households and similar work and residential environments and is not intended for outdoor use. It is intended for use only as a household appliance. EcoAir cannot be held liable for damage resulting from incorrect or improper use or operation.

- Do not modify the appliance's specifications. If repairs are necessary, contact an authorized EcoAir service center. Self-service or unauthorized service can be dangerous.
- The appliance must be installed in accordance with relevant national legislation.
- The 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.
- Children and pets should be supervised to ensure that they do not play with the appliance.
- Do not use the appliance. If the power cord is damaged, it must be replaced by an authorized EcoAir service center.
- The appliance should always be placed upright on a flat surface to prevent damage during use, transportation and storage.
- The appliance must be connected to a grounded 2-pin outlet, and ensure the voltage matches the rated voltage. If in doubt, contact a qualified technician.
- Do not use with extension cords or power strips. Do not pull or apply pressure to the power cord when moving the appliance.
- Always unplug the appliance from the socket before cleaning, before maintenance or when not in use.
- The device should not be installed or used in locations where the atmosphere may contain flammable gases, oil or sulfur or solvents, or near heat sources (such as heaters or in server rooms) or excessive dust.
- Do not place any objects on the appliance or cover it during use. Always allow for minimal space for storing and using the appliance.
- Ensure there is at least 40 cm of free space around the appliance. Do not place any objects near the appliance.
- The filter should be cleaned every 2 weeks to prevent dust build-up and causing overheating and malfunctions.
- To avoid electric shock, do not immerse the appliance or any part of it in water or spray it down.
- Make sure the air inlet and outlet are not blocked or covered during use.
- Do not insert fingers or objects into the air inlet or air outlet openings.
- Do not use or store the appliance in direct sunlight.
- Always turn off the power before unplugging the appliance.
- Do not leave the appliance unattended or plugged in for extended periods. It is unsafe to leave electrical appliances unattended.
- Always make sure your hands are dry when operating the appliance.
- Use the device only within its specified operating temperature range.
- Do not place the power cord under carpeting or cover it with rugs or runners. Keep the cord out of the way where you could trip over it.
- The appliance is designed for dehumidification in domestic environments and must not be used for other purposes.
- This appliance must not be used outdoors or in wet areas such as bathrooms.
- Do not use the wash function for extended periods of time or unattended. Do not place laundry on the appliance while drying. Always ensure that laundry is placed a safe distance from the dehumidifier, at least 40 cm.
- Keep the appliance upright for 4 hours before switching it on for the first time.
- The model operates at ambient temperatures from 15°C to 35°C.

REFRIGERANT R290



R290

This appliance contains refrigerant gas R290

Our dehumidifier contains the non-polluting refrigerant R290, which does not damage the ozone layer and helps reduce the greenhouse effect. This refrigerant complies with European environmental guidelines.

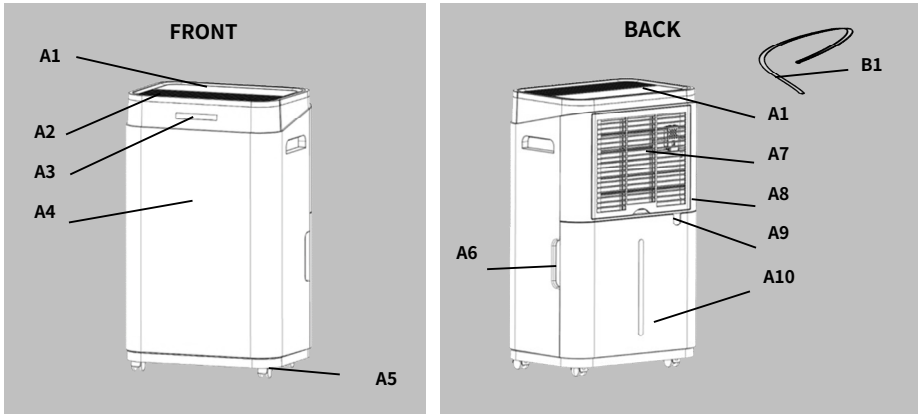
There are some important safety precautions you should observe:-

1. To prevent fire and explosion, do not use these appliances in areas smaller than those specified in the table below for each model.

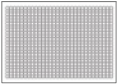
Model	Minimum floor area (m ²)	Contains R290 (Gram)
DC18 MK2	4m ²	55g
DC26	4m ²	75g

2. Do not use these appliances in an area with continuous ignition sources such as open flames, gas appliances, electric heaters, cigarette smoking or other ignition sources.
3. Always store these appliances in a well-ventilated area with a minimum size as indicated in the table above.
4. Keep all required ventilation openings free from obstruction.
5. Never attempt to service or repair the appliance yourself. Ensure it is only serviced by an authorised EcoAir technician using genuine EcoAir parts.
6. If these appliances are installed, used, or stored in an unventilated space, the space must be designed to prevent refrigerant leakage. A buildup of refrigerant leakage in an unventilated space can be caused by other sources, such as sparks, smoke, or open flames from other appliances, or sources such as electric heaters, stoves, or other ignition sources in the room.

THE DEVICE & ACCESSORIES



Accessories List

		
B1	B2	B3

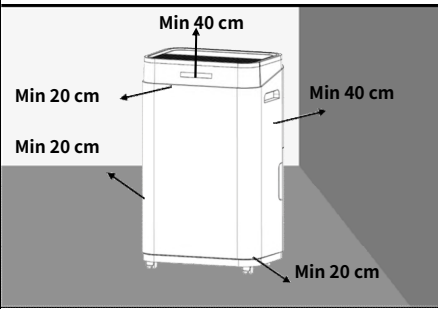
DESCRIPTION			
Key	Description	Key	Description
A1	Control panel	B1	Continuous drain hose
A2	Air outlet	B2	Carbon filter
A3	Ambient humidity indicator	B3	User Manual
A4	Front panel		
A5	Castor		
A6	Handle		
A7	Air intake / Air filter		
A8	Back panel		
A9	Continuous drainage		
A10	Water tank		

IMPORTANT GUARANTEES

WHERE DO I PLACE MY DEHUMIDIFIER?

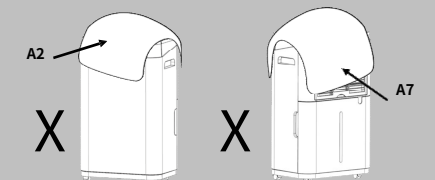
Make sure the appliance is placed at a safe distance from a wall or furniture and out of direct sunlight.

TIP: Place the dehumidifier in the dampest room or somewhere central, such as a landing or hallway. As long as the interior doors are open, excess moisture from all rooms in the house will naturally migrate to the dehumidifier and be absorbed.



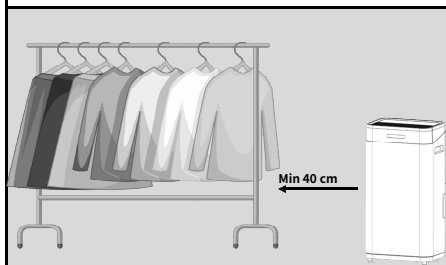
DO NOT PLACE OBJECTS ON OR ABOVE THE APPLIANCE

Make sure the air inlet (A7) and air outlet (A2) are not blocked. Obstructions will cause overheating and malfunctions.



YOU WERE DRYING

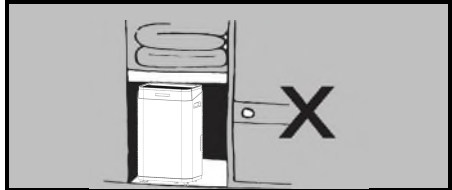
Never place wet laundry above the appliance. Dry laundry on a rack at least 40 cm away from it.



ROOM SIZE

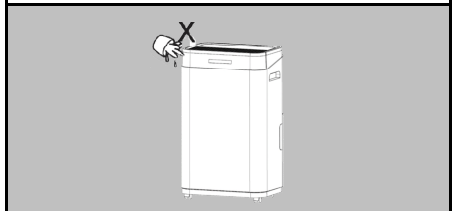


- Never use in small, enclosed spaces (broom closets, boiler rooms, unventilated areas, or near heat sources such as radiators, dryers, or stoves). Minimum space 4m².



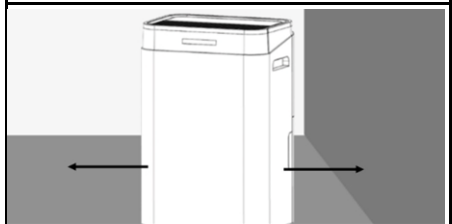
DO NOT SPLASH

- Do not wash or immerse the appliance in water
- Do not allow water to drip onto the appliance



PLACE ON FLAT FLOOR

- Always use the appliance on a flat floor to prevent leakage.
- If the appliance is placed on carpet, ensure that the appliance is stable and level.



IMPORTANT

- Do not move the appliance or remove the water tank when the dehumidifier is running. This may cause damage, electric shock, water leakage or spillage.
- After turning off the dehumidifier, the fan will continue to run for another 2 minutes. This is to cool and protect the internal components. Do not unplug the dehumidifier during these 2 minutes, but wait until the fan stops.
- Dusty, construction site or industrial environment where particles can clog the filter or internal parts.

INSTALLATION

READ IMPORTANT PRECAUTIONS BEFORE INSTALLATION

FINDING A SUITABLE JOB

- Place the dehumidifier in the dampest room or somewhere central, such as a landing or hallway. As long as the interior doors are open, excess moisture from all rooms in the house will naturally migrate to the dehumidifier and be absorbed.
- If there is a problem area or a room with high humidity, use a hygrometer to measure the following (available at ecoair.org) in the building, you might want to place it in that area first. Once the problem is resolved, you can move it to the location above.
- When positioning the dehumidifier, please refer to the important precautions on the previous pages, such as a safe distance from the wall, avoiding tight spaces, and ensuring a level floor.

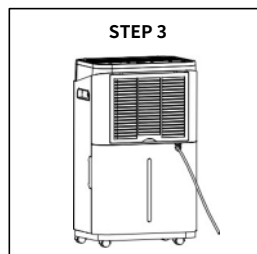
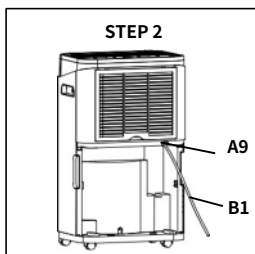
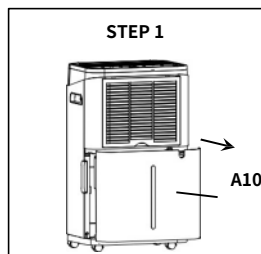
INSTALLING THE DEHUMIDIFIER

- Unpack the dehumidifier and plug it into the wall socket.
- Ensure a minimum distance around the dehumidifier.
- Check that the dehumidifier is level to prevent leakage.
- Turn on the dehumidifier to start dehumidification.

FIRST USE

- When you first use the dehumidifier, it will work hard to lower the humidity in the room to the desired level. This is when the dehumidifier produces the most water and needs to be emptied more frequently. As the room becomes drier, the dehumidifier will produce less water. This is normal.
- Once power is restored after a power outage, the dehumidifier will continue to operate at the settings selected before the power outage.

SETTING UP CONTINUOUS DRAINAGE



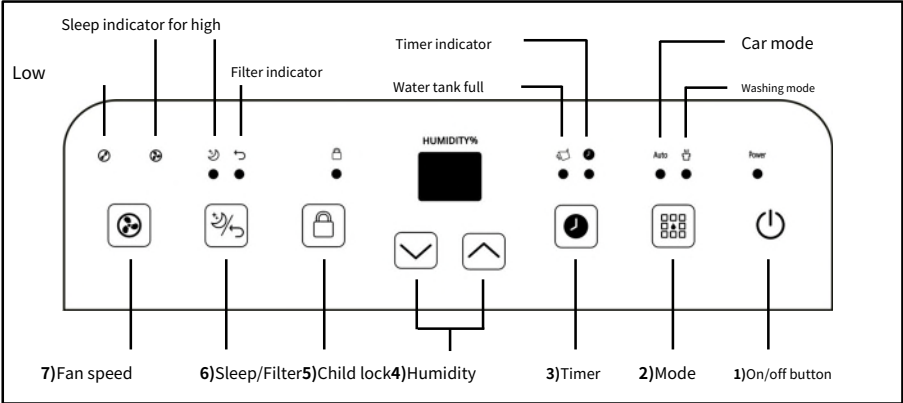
Use a hose with an internal diameter of 11 mm for continuous drainage:

1. Remove the water reservoir (A10) from the back of the dehumidifier (Step 1)
2. Insert the continuous drain hose (B1) into the continuous drain outlet (A9). The hose should lead to a suitable drain with a downward slope and no sharp bends. (Step 2)
3. Place the water reservoir back in position (A10) (Step 3).

REMARK:

- Make sure the water tank and the continuous drain hose are properly in place before use.
- Never leave the end of the continuous drain hose outside when the temperature is below 1°C to prevent leaks. (If the outside temperature reaches freezing, the water will not flow freely and this will cause a blockage, forcing the condensation back into the dehumidifier and potentially causing leaks.)

CONTROL PANEL



- 1. **On/off button** - Switches the dehumidifier **on** or **off**. The compressor switches off immediately off and the fan switches off with a 30 second delay. After In the event of a power failure, the unit automatically restarts with the last used settings.
- 2. **Mode button** - Switch between automatic mode and wash mode
- 3. **Timer** - To turn the timer **ON** or **OFF** and set the desired timer
- 4. **Humidity** - To increase/decrease the desired humidity
- 5. **Child lock** - Activate and deactivate child lock (press and hold for 5 seconds)
- 6. **Sleep/Filter** - Press to activate and deactivate sleep mode (press for 2 seconds) When the filter indicator lights up, replace it with a clean filter and press for 5 seconds to reset.
- 7. **Fan speed** - Press to switch between the two fan speeds (only in the automatic mode). The selected fan speed is illuminated.
- 8. **Ambient humidity indicator**-After turning it on, one of three colored lights will appear, indicating the current ambient humidity in your area. Colored humidity indicators: Blue indicates < 45% RH, Green indicates 45-65% RH, Red indicates > 65% RH.

Indicator	Description
BLUE	Humidity levels below 45% relative humidity.
GREEN	Above 45% and below 65% relative humidity.
RED	High humidity above 65% relative humidity

OPERATION

ON/OFF 	
AROUND IT DEVICE T TE OPERATE	• Always place the dehumidifier upright on a flat surface. • Plug the dehumidifier into the wall socket, the standby mode indicator will remain on while the dehumidifier is plugged in.
	• The dehumidifier performs best at a minimum ambient temperature of 15°C. If the ambient temperature is below 15°C, the appliance must defrost regularly to protect the compressor.
	• Press the ON/OFF button to operate the dehumidifier. • Use at an ambient temperature of 5 °C to 35 °C.
FAN SPEED	
 Low fan speed	• Savings mode
 High fan speed	• Normal mode
 Auto Car mode	• The unit is equipped with a modern hygrostat (humidity control) and automatically switches off after reaching the desired humidity to save energy. The compressor switches off first, followed 30 seconds later by the fan. If the humidity in the room rises again, the dehumidifier switches on automatically. When automatic mode is activated, the desired humidity can be set between 30% and 80% in 5% increments using the two arrow buttons. (4)The dehumidifier starts dehumidifying when the humidity in the room is at least 3% higher than the set target humidity.
AUTOMATIC DEFROST  	
• In this mode, the fan automatically switches to high speed and the power light flashes. The appliance is in automatic defrost mode, and in this mode, the fan switches to high speed. • The defrost process lasts for 10 minutes, after which the fan speed returns to low speed.	
HUMIDITY BUTTON	
 Increase humidity / Timer button	• Press this button to set the humidity and time; Set humidity in the order of 30% to 35% - 40% - 45% - 50% - 55% - 60% - 65% - 70% - 75% - 80% - 30%; Set time to 00, press If you press this key, 00 will appear and flash, then press this key again and again, from 01-02-03 ..to 24..
 Reduce humidity Timer button	• Press this button to decrease the humidity setting and timing time; Humidity setting in the order of 30% to 80% - 75% - 70% - 65% - 60% - 55% - 50% - 45% - 40% - 35% - 30%; Set time to 00, press this key, the display shows 00 and flashes, then press this key again and again, from 24 - 23 - 22 - to 00.
There is an active humidity controller that displays the current humidity level (%RH) in the environment when the dehumidifier is in operation.	
The display shows the actual humidity in the room a few seconds after the humidity level has been set on the control panel.	

OPERATION

TIMER

TURN OFF TIMER



- Press the timer button while the appliance is operating.
- The timer indicator will light up. Then press the humidity up and down buttons. (4) To set the hours (in 1-hour increments) from 0 to 24 hours. This will turn the dehumidifier off.
- Guard after It turn off by the dehumidifier 3 minutes before turning the appliance on again.

SET TIMER TO

- In Standby mode, press the timer button to switch on the dehumidifier after a set interval between 0-24 hours.
- As long as the dehumidifier is plugged in, the dehumidifier will switch on after the selected time has elapsed.
- The dehumidifier will operate at the selected settings before it was put into standby mode. It will continue dehumidifying until the humidity setting is reached, the settings are changed, the water tank is full, or the unit is turned off.
- If the set humidity is higher than the ambient humidity, the dehumidifier will switch on but will not dehumidify the air until the humidity is adjusted.

Remark: Wait 3 minutes before the dehumidifier restarts. After the dehumidifier stops (other than when the tank is full), it will not restart for approximately 3 minutes.

WASHING MODE



- The device operates continuously until the water tank is full or the dehumidifier is switched off manually. In this mode, the device operates at maximum air output to dehumidify the room air as quickly as possible. During use, the current humidity is displayed on the display.

Note: We recommend using the wash mode sparingly, as it can overdry your environment. 2 to 8 hours per day.

TANK FULL INDICATOR



- Indicator lights up when water tank is full or not installed correctly. The dehumidifier switches off automatically. The indicator light turns red and the dehumidifier beeps three times.
- Remove the water tank, empty it and replace it correctly.

Remark:

- During sleep mode the 3 beeps do not sound.
- When the water tank is full or removed, the controls will disable.

CHILD LOCK

- To activate this function, press and hold for 5 seconds until the indicator lights light up (this function only works when the appliance is switched on). The Child-Lock function locks all settings until you deactivate the function by pressing and holding the Child-Lock button for 5 seconds.

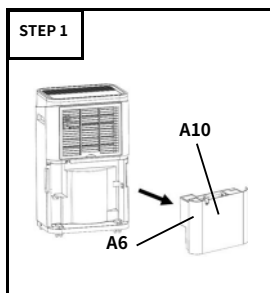
SLEEP/FILTER RESET

- Press to activate and deactivate sleep mode (hold for 2 seconds).
- If the filter indicator lights up, the dust filter needs to be checked/cleaned/replaced. The display can then be reset by pressing and holding the Sleep/Reset button for at least 5 seconds.

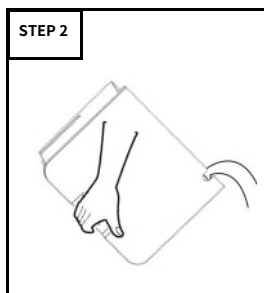
USEFUL INFORMATION

- **Auto restart** -Once power is restored after a power outage, the unit will continue to operate using the settings selected before the power outage.
- **Automatic defrost** -If the evaporator coils freeze, the compressor will turn off and the fan will continue to run until the frost disappears.
- **Automatic shut-off** -The dehumidifier switches off automatically when the reservoir is full or removed and when the humidity setting is reached.

EMPTYING THE WATER TANK



Slide out the water reservoir



Pour away the water

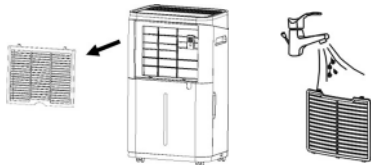
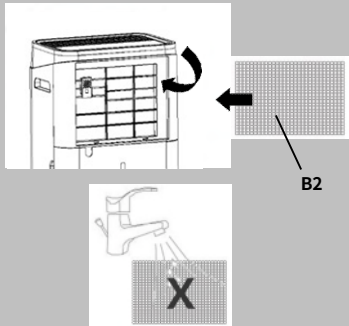
The water level indicator will light up when the water tank is full. The appliance will stop working. Let it sit for about 10 minutes to ensure all the collected water drains into the water tank before removing it.

1. To the water reservoir(**A10**)To remove, carefully slide it out by grabbing the water tank on the side Handle(**A6**)and gently pull it out.
2. Drain the water by tilting the water reservoir (see step 2 photo) to the right. Clean the water reservoir if necessary.
3. Replace the water tank in the correct position. The "Water full" indicator light will illuminate if the water tank is not properly seated. If this happens, reinstall the tank.

REMARK :

- Clean the water tank with a mild detergent if necessary. Do not use solvents, abrasives, or hot water.
- Be careful when cleaning the water reservoir to avoid damaging the float.
- Do not tilt the dehumidifier when removing the water tank. This is to prevent water leakage, which could cause an electric shock.

CLEANING, MAINTENANCE & STORAGE OF THE

STEP 1 - CLEANING YOUR FILTER		STEP 2 - REPLACING YOUR FILTER	
			
1. Turn off the dehumidifier and let it sit for 5 minutes, then unplug it.		A carbon filter is available for this dehumidifier (B2) are purchased. Gently press the two clips to create an opening and insert the carbon filter into the frame filter. Do not clean the carbon filter with water! It is recommended to replace the external filter every 6 months for optimum performance and proper operation. Hygiene standards. To purchase a replacement filter, go to:www.ecoair.org	
2. Clean the filter with a brush or vacuum cleaner			
3. Replace the filter.			
Tip:Clean your filter every 2 weeks to keep your Cleans the air and extends the life of your dehumidifier. The frequency depends on usage conditions. The filter should be cleaned every 2 weeks to prevent overheating and malfunctions. Remark:If the filter is covered with dust, the airflow and performance of the dehumidifier will be affected.			
STEP 3 - CLEANING THE DEHUMIDIFIER		STEP 4 - STORING THE DEHUMIDIFIER	
1. Turn off the dehumidifier and let it sit for 5 minutes, then unplug it.		1. Turn off the dehumidifier, wait 5 minutes, then unplug it.	
2. Clean the surface with a soft damp cloth.		2. Let the dehumidifier run for about a day. Clean and dry the water tank.	
3. After cleaning, dry thoroughly with a towel.		3. Clean the filter and the dehumidifier. Cover the dehumidifier to prevent it from collect dust. Store upright in a cool, dry place.	
4. To clean the tank, see the section Emptying the water tank.		4. Do not expose to direct sunlight.	
NB: • Do not wash or immerse the appliance in water. • Do not allow water to drip into the air inlet or outlet. • Be careful when cleaning the water reservoir to avoid damaging the float.			

TROUBLESHOOTING

PLEASE CHECK THE FOLLOWING POINTS BEFORE CONTACTING THE

PROBLEM	RODE	SOLUTION
No power	The dehumidifier is not plugged in or there is no power supply	Plug the dehumidifier into the wall socket and turn it on. Check the mains power.
	The dehumidifier has reached the preset level or the reservoir is full.	The dehumidifier automatically shuts off when either of these conditions occurs. Switch to a lower humidity setting or empty the reservoir and replace it properly.
	Water reservoir is not in correct position.	The water reservoir should be in place and securely fastened. sit to run the dehumidifier.
	Power failure/Controls cannot be set	There's a time delay to protect the compressor. For this reason, the dehumidifier may not start dehumidifying normally until 3 minutes after being turned back on.
The dehumidification function not working	Filter clogged	Check and clean or replace the filter
	The air inlet or outlet is blocked or covered	Removing obstructions
Water Full of Light At	Water reservoir is full or incorrectly installed	Empty the water tank or install it properly
	Water float out of position	Return the water float to position
	Dehumidifier on uneven ground or water reservoir incorrectly mounted	Make sure the dehumidifier is on a level surface, use a spirit level to check this, remove the tank and replace it correctly.
Leaking water	Damaged water tank	Remove the water tank, fill it with water, and place it on a hard, flat surface to test for leaks.
	The continuous drain is clogged or loose. Dehumidifier works in colder environments.	Check the continuous drain hose and connection Make sure the room is at operating temperature
No water collect	Not given enough time to remove moisture	When first installing, allow to dry for at least 24 hours to maintain the desired dryness.
	Set humidity is reached/Low humidity	Adjust the humidity settings
	The room is very cold or very dry for the current settings	Adjust the humidity setting or increase the room temperature Check the room temperature and humidity
	Filter dusty	Clean or replace the air filter
	The room temperature is too warm	Open the window or door to ventilate
	The room temperature is too cold	Increase the heat in the room

In the unlikely event of a problem with your product, please contact in the first instance:

ECOAIR TECHNICAL SUPPORT

www.ecoair.org/support

TROUBLESHOOTING

PLEASE CHECK THE FOLLOWING POINTS BEFORE CONTACTING THE

PROBLEM	RODE	SOLUTION
Noisy	Water reservoir or filter built-in Dehumidifier on uneven surface	Check the water reservoir or filter and replace it Check that the dehumidifier is on a level surface.
	A sound is made when air flows through the dehumidifier.	This is normal
Frost appears on spoils	The dehumidifier has recently been turned on, or the room temperature is below 5°C	This is normal. Frost usually disappears within... 60 minutes. Do not use the dehumidifier at temperatures below 5°C.
Dehumidifier it runs continuously	Area to be dehumidified is too large/High humidity	The capacity of your dehumidifier may be insufficient.
Humidity display shows "LO".	The actual humidity is less than 20%	Normal. The compressor stops and the fan continues to run.
Humidity display shows "H1".	The actual humidity is higher than 90%	The environment has high humidity
Humidity display shows "CL".	The actual temperature < 5°C	Increase actual temperature > 5°C
Humidity display shows "CH".	The actual temperature > 38°C	Lowered the actual temperature to continue operation < 35°C
Humidity display shows "E2".	Humidity sensor wet or faulty.	clean or replace the humidity sensor.

In the unlikely event of a problem with your product, please contact us in the first instance of:

ECOAIR TECHNICAL SUPPORT

www.ecoair.org/support