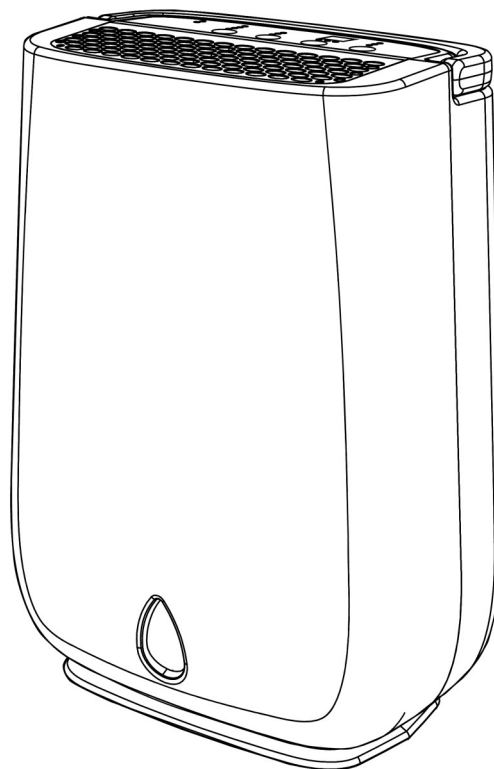




DD3 Classic MK2

Desiccant Dehumidifier



Congratulations!

You have purchased the very latest in dehumidification technology. Your new EcoAir high efficiency room appliance will give you many years of dependable service. Many features have been built into your EcoAir portable appliance to assure quiet operation, functional controls and the most economical operation.

Key Features	Page 3
Quick Start Up	Page 4 - 5
Empty Water Tank Instructions.....	Page 6
Continuous Drainage Instructions	Page 7
Maintenance	Page 8
Troubleshooting	Page 9
Specifications	Page 9

Appendix

App 1. Welcome

App 2. Guarantee Card

App 3. BS Plug Wiring

App 4. Important Safety Instructions

When using this appliance in European countries, the following information must be observed:

Do not dispose of this product as unsorted waste.

It is prohibited to dispose of this appliance as domestic household waste. For disposal:

- Contact your local council
- The manufacturer will take back the old appliance for disposal when you replace it with a new product.
- Old products contain valuable resources, which should be recycled as scrap metal.

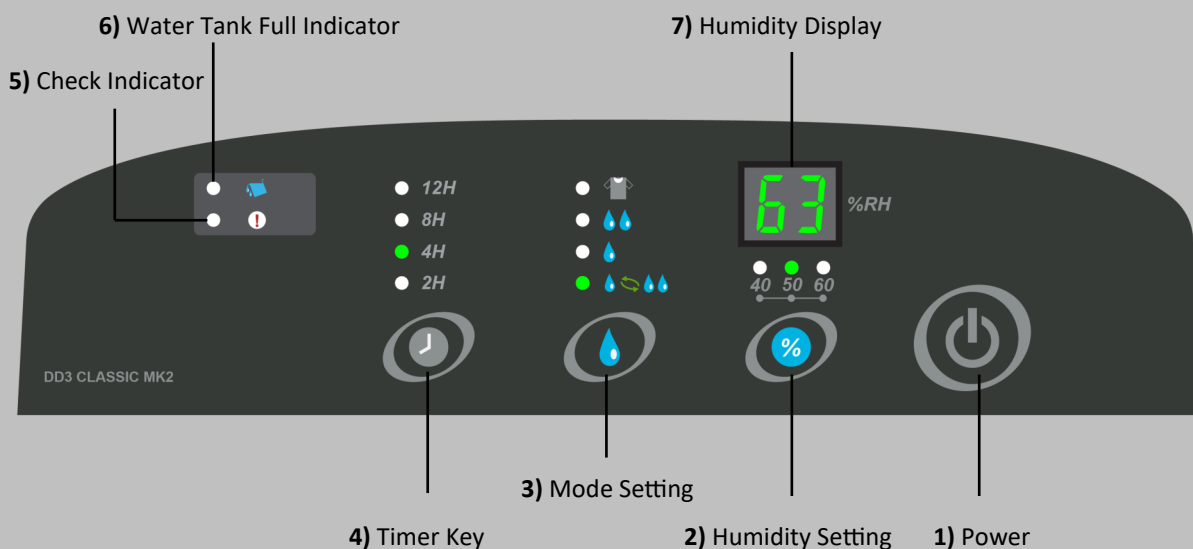


WEEE/EC2601UR

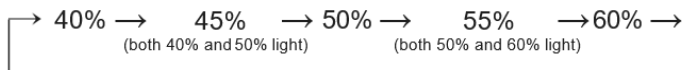
Wild disposal of waste in forests and landscapes endangers your health when hazardous substances leak into the ground-water and find their way into the food chain.

KEY FEATURES

CONTROL PANEL

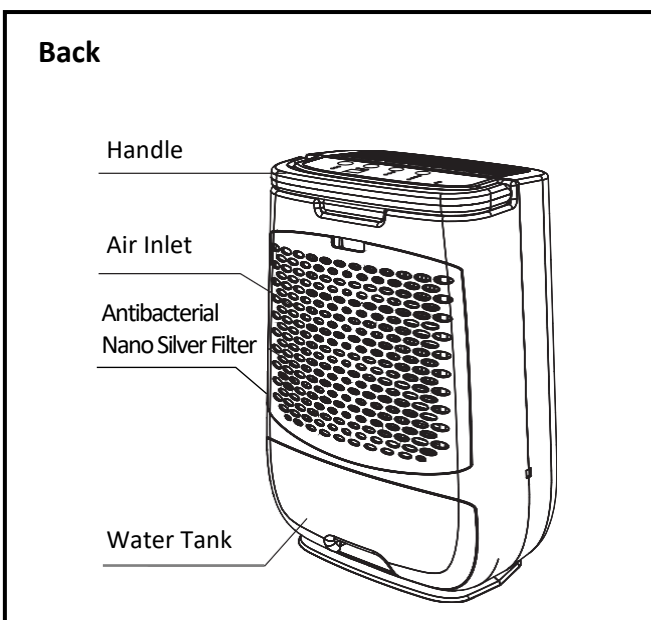
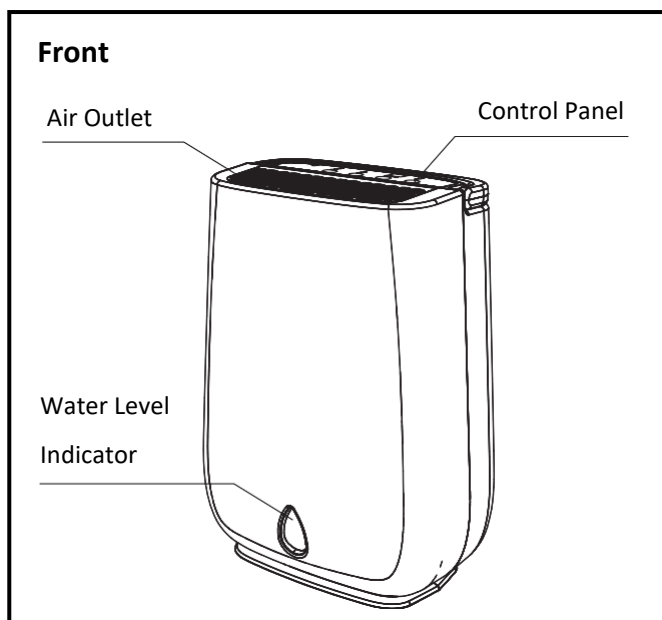


1. **Power Key** - Turn unit on ON/ OFF.
2. **Humidity Setting** - Set the humidity in the following loops with 1 or 2 LED, 5% stage display :



Note: The humidity settings are displayed with a single or two LEDs, e.g. both 40% and 50% mean 45%.

3. **Mode Setting** - The fan speed and heater are controlled by a mode setting function. Select AUTO (water drop and fan icon), the fan speed and heater will run automatically. While selecting ECONOMY (water drop) or High (water drop) setting, will make the machine run with a low or high fan speed and heat setting. Select Laundry Mode (laundry basket icon) to run the appliance continuously.
4. **Timer Key** - Select 2 or 4 or 8 or 12 hours' timer.
5. **Check Indicator** - Indicator lights up when the unit needs attention.
6. **Water Tank Full Indicator** - Indicator lights up when the water tank is full or incorrectly installed.
7. **Humidity Display** - The display by default shows the ambient humidity level. It will also show the setting humidity when you push the humidity setting button.

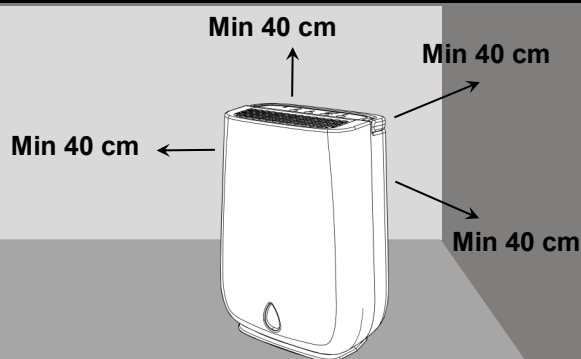


QUICK START UP

STEP 1 - WHERE TO POSITION YOUR DEHUMIDIFIER?

Ensure the dehumidifier is a safe distance away from a wall or furniture, away from direct sunlight.

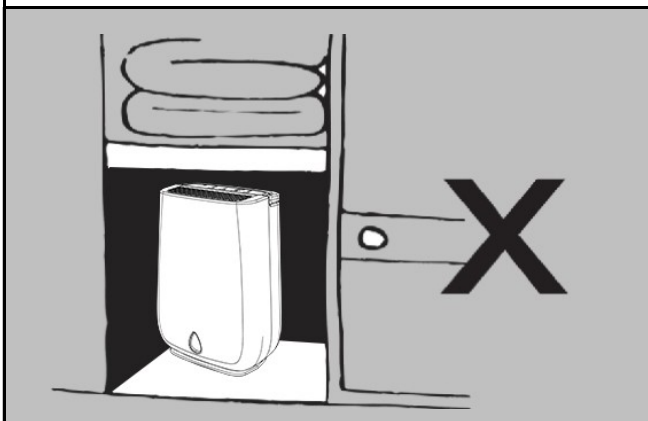
TIP: Position the dehumidifier in the dampest room or somewhere central like a landing or a hallway. As long as the internal doors are open the excess moisture from all of the rooms in the house will migrate naturally towards the dehumidifier and be processed.



STEP 2 - CAUTION - AVOID USING IN



- Areas where ambient temperature falls below 1°C.
- Small confined area i.e. broom cupboard, boiler room, unventilated rooms etc.
- Close proximity to a heat source such as heater, tumble dryer, cooker.
- Dusty or building sites or an industrial environment where particles can clog up the filter or internal components. This will cause the dehumidifier to malfunction, voiding your guarantee.

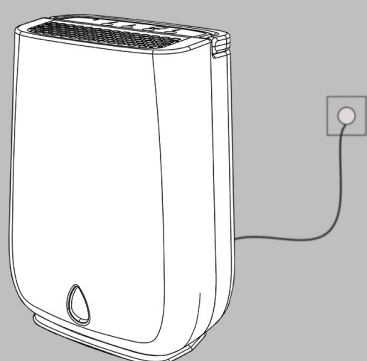


STEP 3 - ON/OFF



**TO
OPERATE
DD3
CLASSIC
MK2**

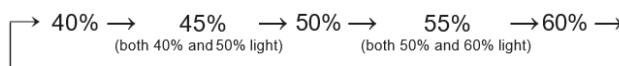
- Always place the dehumidifier in an upright position on an even level surface.
- Plug the dehumidifier into the mains socket, the standby mode indicator will remain on whilst the dehumidifier is plugged in to the mains.
- Press the ON/OFF button to operate the dehumidifier.



STEP 4 - HUMIDITY SETTING



- Press the humidity setting button to set the humidity in the following loops with 1 or 2 LED, 5% stage display:



Note : The display will go back to the ambient humidity level in 3 seconds, after setting the desired humidity level.

- When the humidity setting is higher than the indoor humidity, the humidity setting LED flashes and the machine will enter energy saving mode, HEATER turns OFF and the FAN stops after 2 minutes for cooling operation.
- After 30 minutes pause, the fan will start and run for 5 minutes while the unit checks the indoor humidity. If the humidity is higher than 5% of the set value, the machine will restart.
- If not, it stops for another 30 minutes. During the pause, buttons are still settable.

QUICK START UP

STEP 5 - MODE SETTING



- Press the **"MODE"** setting button to set the mode in the following loop. The LED display will guide you.



TIP: Avoid using the Laundry modes for normal daily use. You may use to dry very damp rooms over 2–3 days and then switch to the recommended Economy mode.

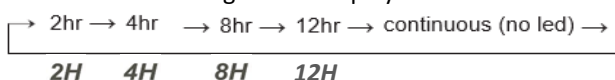
<p>Auto</p>	<p>Select to keep the room at a comfortable level</p> <ul style="list-style-type: none"> Toggle automatically to control humidity to your desired selected humidity level between 40% - 60% (5% intervals). Optimises energy saving and comfortable humidity level.
<p>Economy</p>	<p>Select to run in Economy mode</p> <ul style="list-style-type: none"> The unit dehumidifies in Economy mode and in a quiet setting to approximately 40-60% RH (5% intervals). Use this mode in your daily normal household once the ideal humidity level has been reached. Highly recommended for night use.
<p>High</p>	<p>Select High mode to quickly control high levels of humidity</p> <ul style="list-style-type: none"> The unit brings the humidity down to approximately 40-45% RH (5% intervals) to control problem areas quickly.
<p>Laundry Mode</p>	<ul style="list-style-type: none"> Select the laundry mode for continuous dehumidification, and the display will show "Co" at the same time. While selecting the laundry mode, the Humidity Setting is disabled. <p>Note : The display will go back to the ambient humidity level in 3 seconds, after setting the laundry mode.</p>

STEP 6 - TIMER



- Press the **"TIMER"** Key to select your desired running time

- Press the **TIMER** button to set the timer, as it counts down the remaining time is displayed via the LED's.



STEP 8 - CHECK LIGHTS

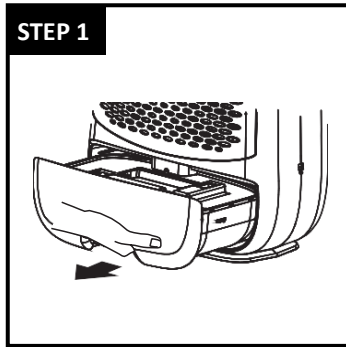


<p>Water Full Indicator</p>	<ul style="list-style-type: none"> Lights up when water tank is full or not properly inserted.
<p>Check Indicator</p>	<ul style="list-style-type: none"> Antibacterial Nano Silver Filter needs cleaning. Dehumidifier needs to cool down. Switch OFF and leave for 30 minute and turn on again. This is normal. In low humidity or temperature conditions. In high temperature condition over 40°C or low temperature below 1°C.
<p>TIP: When the check light comes on, remove the plug from the socket. Move the unit to another room after it cools down or when conditions allow, follow Steps 1 and 3.</p>	

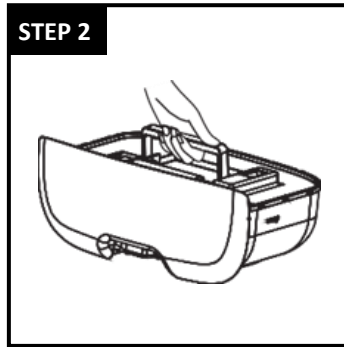
USEFUL INFORMATION

- When you first use the dehumidifier and periodically thereafter you may notice a smell coming from the dehumidifier. This is caused by the Zeolite desiccant material and is NOT a sign that the dehumidifier is faulty, nor is it harmful to humans or pets. Odour will reduce gradually, this is normal. Ventilate the room if necessary, to reduce the odour.
- The Zeolite absorbs odours from items such as cigarettes, cosmetics, hair sprays, building materials and new furniture and then when the desiccant is heated the smell is discharged into the room. (This smell has been described as being like a burning smell or a sour smell). This is normal and will NOT last long, nor is it a sign of a fault.
- After turning the dehumidifier OFF, the fan will continue to run for a two minutes period. This is a normal procedure and helps to cool & protect the internal components. During these two minutes **DO NOT** remove the power plug from the power socket; wait for the fan to stop running.
- When you first use your dehumidifier, it will work harder to reduce the room humidity to its target i.e. approximately 50-60%RH, this is the time when it will produce the most water and need emptying most frequently. As the room becomes drier the dehumidifier collects less water and runs at a lower fan speed.

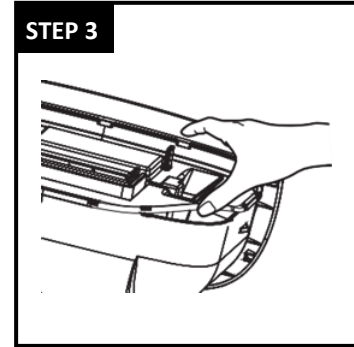
EMPTYING THE WATER TANK



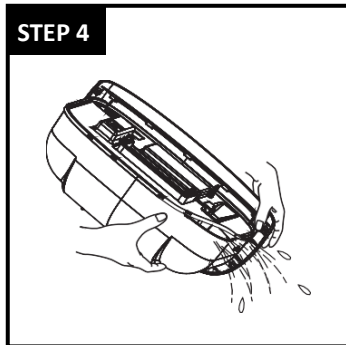
Slide the water tank out



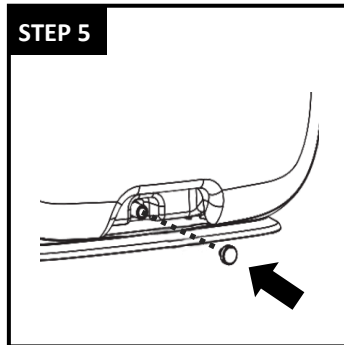
Lift by the handle



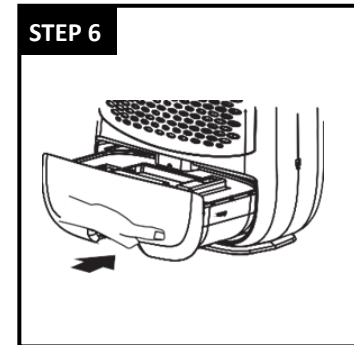
Open the corner of bucket cover



Pour the water away



Check the rubber plug



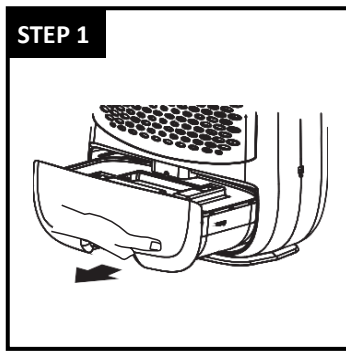
Restore the tank

1. The Water Full Indicator lights up when the water tank is full and the dehumidifier stops operating.
2. Do not move the dehumidifier or remove the water tank when the dehumidifier is running, as water may leak; causing damage to the dehumidifier or an electric shock.
3. Before removing the water tank leave the dehumidifier to stand for approximately 10 minutes to ensure all water has dripped into the water tank.
4. To remove the water tank, slide it out gently by gripping the water tank from bottom cutaway and pull out carefully.
5. Pour the water away by tilting the water tank, (see step 4 picture) to the right side. Clean the water tank if needed.
6. Reinsert the water tank to the correct position, as soon as possible to prevent water dripping from the dehumidifier.
7. Check the rubber plug is firmly in place. Insert the water tank back to the correct position.

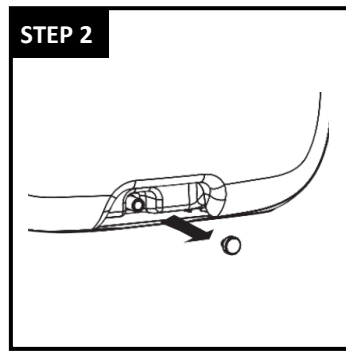
NOTE :

- Clean the water tank with clean water if needed. Do not use detergent, solvents, abrasives or hot water to avoid damaging the water tank or float.
- Do not remove or damage the float in the water tank or the dehumidifier will not operate properly.
- The Water Full light indicator illuminates if the water tank is not correctly in position.
- Do not tilt the dehumidifier when removing the water tank.
- If the water tank is removed whilst the dehumidifier is running the fan will continue to run for 3 minutes.

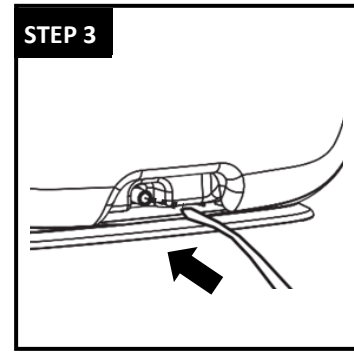
CONTINUOUS DRAINAGE



Slide the water tank out



Remove the plug



Pass the hose through

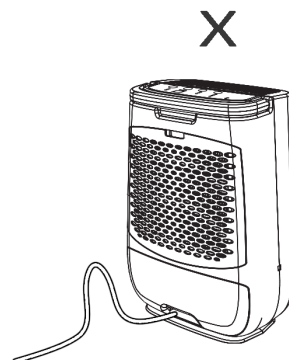
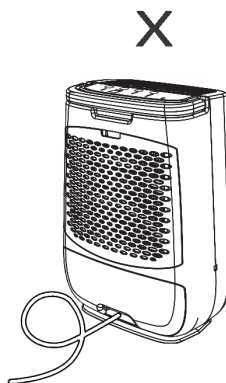
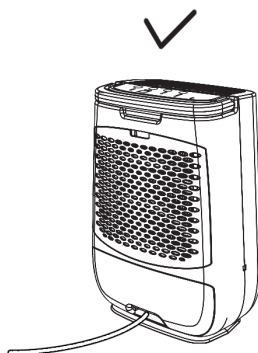
You may use a hose with an inner diameter of 12mm for continuous drainage (supplied):

1. Remove the watertank.
2. Remove the plug from the drain hole at the bottom of the water tank (store safely as you will need to plug it when not using the continuous drainage).
3. Insert the drainage hose into the drain outlet.
4. Reinsert the water tank to the correct position.
5. The hose must lead to an appropriate drain at a downward slope with no sharp bends.

NOTE:

- Ensure the tank and the hose are securely fitted in position before turning the dehumidifier on.
- Before removing the water tank, ensure that the hose is disconnected.

ATTENTION

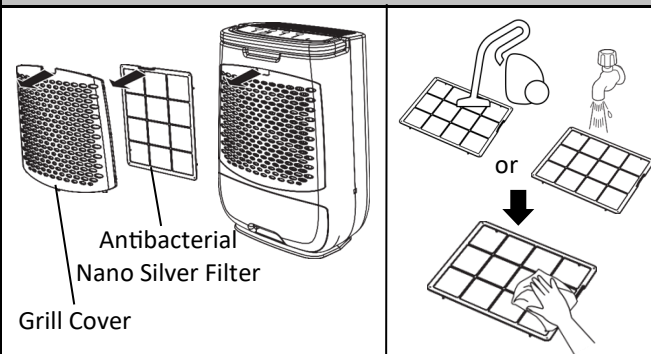


When using the continuous drainage option, place the dehumidifier on a level surface and make sure the hose is clear of any obstructions and is directed downwards.

Avoid placing the dehumidifier on an uneven surface and improper hose installation as it may result in the unit shutting off. Empty the water tank if shut off occurs, then check the dehumidifier location and hose for proper setup.

MAINTENANCE

STEP 1 - CLEANING YOUR ANTIBACTERIAL NANO SILVER FILTER

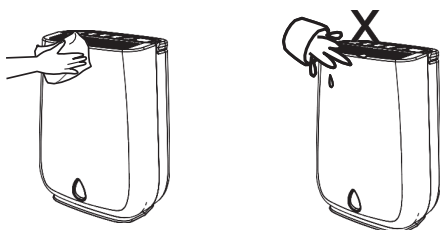


1. Turn OFF the dehumidifier and remove the filter from the unit.
2. Clean the filter lightly with a brush or vacuum cleaner or warm mild soapy water. Allow the filter to air dry fully.
3. Replace the filter back into position.
4. If the filter is covered with dust, the airflow and the performance of the dehumidifier will be affected. Check the filter periodically to ensure all dust is removed.

Tip: Clean your filter every 2 weeks to keep your air clean and prolong the life of your dehumidifier. The frequency will depend on the conditions of operation.

STEP 3- CLEANING YOUR DEHUMIDIFIER

1. Turn the dehumidifier OFF, wait for the fan to stop and unplug the dehumidifier from the socket.

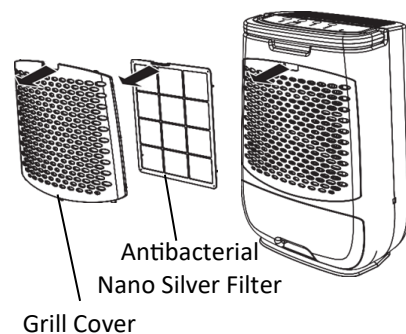


2. Clean the surface with a soft damp cloth.
3. Dry thoroughly with a dry towel after cleaning.
4. Empty the water tank. Allow the water tank to drip dry or dry with a cloth.
5. Please take care when cleaning or drying around the float area.

Caution:

- Do not wash the dehumidifier or immerse in water.
- Do not let water drip into the air inlet or outlet.

STEP 2 - REPLACING YOUR ANTIBACTERIAL NANO SILVER FILTER



It is recommended that the outer filter is replaced every 6 months for optimal performance and hygiene standards. To purchase a replacement filter please visit:



www.ecoair.org

STEP 5- STORING YOUR DEHUMIDIFIER

1. Turn OFF the dehumidifier, wait for the fan to stop and unplug the dehumidifier from the power socket.
2. Leave the dehumidifier to drain for approximately one day. Clean and dry the water tank.
3. Clean the filter and the dehumidifier. Cover the dehumidifier to prevent it from gathering dust. Store it upright in a cool dry place.
4. Do not expose to direct sunlight.

TROUBLESHOOTING

CHECK THE FOLLOWING POINTS BEFORE CONTACTING TECHNICAL SUPPORT.

PROBLEM	REASON	SOLUTION
No Power	Dehumidifier is not plugged in or there is no power supply	Plug the dehumidifier into mains and switch plug ON. Check the main power supply
 Check Light On	Filter clogged	Check and clean or replace the filter
	The air inlet or outlet is blocked or covered	Remove obstructions
	Low humidity condition	Switch off unit and move to another room
 Water Full Light On	Water tank is full or installed incorrectly	Empty water tank or re-install correctly
	Water float out of position	Restore water float back into position
Water Leaking	Dehumidifier on uneven surface or water tank fitted incorrectly	Ensure the dehumidifier is on a flat, even surface, use a spirit level to check, remove tank and replace correctly
	Filter clogged	Clean or replace filter
	Damaged water tank	Remove the water tank, fill with water and place on a hard even surface to test for leakage
	The continuous drainage is clogged or loose	Check the continuous drainage hose and its connection
Not Collecting Water	Set humidity is reached	Read adjust the humidity settings
	Room is very cold or very dry for the current settings	Read adjust the humidity setting or increase the room temperature Check room temperature and humidity levels
	Filter dusty	Clean the air filter or replace it
	Dehumidifier set up incorrectly	Ensure unit is set up correctly (Quick Start Up)
	Room temperature is too hot Room temperature is too cold	Open the window or door to ventilate or Increase the heat in the room
E1 - E7	Humidity level is low after running on laundry mode	Reset the appliance by unplugging and restart in Auto mode
	Mechanical fault on components due to impact damage, common when the appliance was moved around	Contact technical support
Noisy	Water tank or filter fitted incorrectly	Check and refit the water tank or filter Check unit is on an even level surface

SPECIFICATIONS

MODEL	DD3 CLASSIC MK2
Temperature Range	1°C ~ 40°C
Dehumidification ExtractionRate	10 Litres day (20°C, 60%RH)
Water Tank Capacity	4.2 Litres
Voltage	220 - 240V~50Hz
Noise Level	36/ 47 dB(A)
Net Weight	7.5 Kg
Gross Weight	8.5 Kg
Net Dimension (W x H x D)	379mm x 520mm x 239mm
Gross Dimension (W x H x D)	436mm x 587mm x 294mm

In the unlikely event of a problem with your product, please refer in the first instance to:
ECOAIR TECHNICAL SUPPORT

www.ecoair.org/support

EcoAir reserves the right to change product specifications without prior notice.

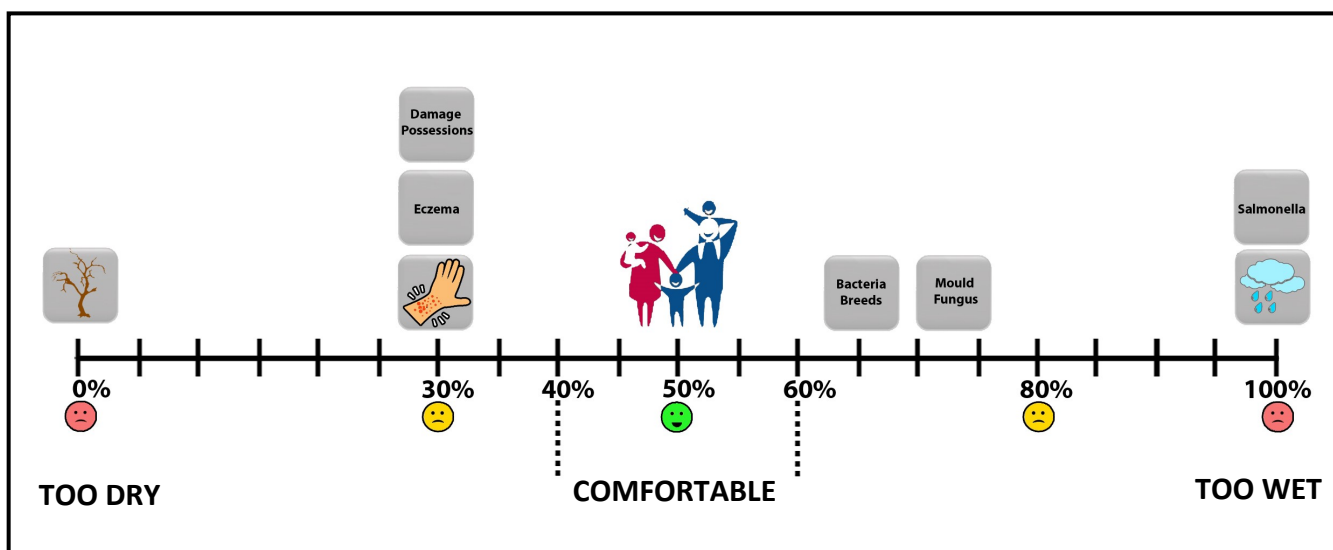
WELCOME

Thank you and congratulations for choosing an EcoAir dehumidifier to help you control the Relative Humidity within your home. Inside this manual you will find many helpful tips on how to use and maintain your dehumidifier efficiently. Just a little preventative care can save you money and prolong the life of your dehumidifier.

The purpose of the dehumidifier is to remove the excess moisture in the air by detecting the humidity level in the room. By keeping humidity within recommended levels, a dehumidifier combats household damp, mould and mildew. Dehumidifiers can help to reduce the symptoms of asthma, allergies, and other respiratory health conditions. They can also be used to help dry laundry quicker and control moisture-based damage (such as the aftermath of flooding, leaks or rising damp) to valuable belongings and furniture.

HUMIDITY GUIDE

There will always be water vapour in the air. The water vapour (or commonly known as moisture) in the air is measured in % Relative Humidity (RH). RH is the ratio of the actual amount of water vapour in the air to the amount it could hold when saturated expressed as a percentage. Too much or too little moisture in our homes can be unhealthy and uncomfortable. The optimum humidity level is between 40% and 60% (RH) where we feel most comfortable.



LOW HUMIDITY

Low humidity indoors causes excess drying which can trigger skin irritations such as eczema, chapped skin and dry nose. It can also damage possessions, such as wooden furniture, musical instruments and artwork by drying it out too much.

HIGH HUMIDITY

High humidity indoors causes damp and condensation. The damp left by condensation can damage plaster, wall paper, furniture, vehicles, timber windows, doors and clothes. It can be harmful to our health when bacteria thrives, causing mould and fungus.

MAINTAINING SAFE LEVELS OF HUMIDITY

It is important to maintain a consistent humidity range to preserve furniture, paintings, door and window frames. High humidity causes swelling, corrosion, softening of glues and paint. Low humidity causes shrinking, cracking, warping of wood surfaces and gaps in joints, doors and windows. Frequent changes in humidity levels can accelerate damages to property and belongings.

CONDENSATION

The warmer the air, the more moisture the air can hold than colder air. So, when the air inside the house becomes colder, the moisture contents in the air becomes saturated, and gets heavier resulting in moisture concentration on the coldest parts of the house particularly on the windows, bathroom mirrors and walls. This is condensation, caused by a sudden increase in humidity, cooking, showers, drying clothes, inadequate ventilation and poor thermal insulation.

Condensation does not disappear instantly even with the dehumidifier on. Where excessive condensation appears for example, on your windows, you may want to open your windows to expel the excess humidity for several minutes. It will take a while for the condensation to generally increase the humidity in the room. Once the humidity level in the room around the dehumidifier is increased above the level you have set on the dehumidifier, it will then begin the dehumidification process.

GUARANTEE CARD

EcoAir guarantees this product to be free from defects in materials and workmanship for a period of (2) years from the date of purchase. Coverage is valid only with proof of purchase.

Warranty Terms and Conditions

The conditions below apply to our warranty. They do not affect your statutory rights or the obligations of your retailer and your contract with them.

We provide warranty cover for this appliance subject to the following conditions:

1. We will rectify defects affecting the appliance which are clearly attributable to material and/or manufacturing faults, provided they are reported immediately after being identified within the Warranty Period supported by proof of purchase.
2. Service may not be available to all the islands around the UK. Please check with your retailer or contact our customer service department.
3. The warranty will not extend to consumables such as air filters.
4. Warranty liability will not be triggered by minor variances from nominal features which are of no significance to the appliance's value or fitness for purpose, nor damage caused by wear and tear, exceptional environmental conditions and inappropriate operating conditions.
5. No warranty liability will be accepted:-
 - a. If the defects stem from transport damage for which we are not responsible.
 - b. Improper installation and assembly or non-compliance with the safety regulations and warnings given in the operating instructions.
 - c. Improper use, to also include poor maintenance caused by insufficient aftercare or cleaning and failure to observe operating or assembly instructions or use with improper voltage recommendations.
 - d. Use in a non-domestic environment, to include appliance for rental.
6. No rights are given under this warranty to a person acquiring the appliance second hand.
7. The warranty will be invalidated: -
 - a. If repairs or other interventions are performed by persons not authorised by us.
 - b. If our appliances are fitted with non-original spare parts, extras or accessories.
 - c. If our appliance has been altered and damaged by owner or third parties.
 - d. In the event of abuse (whether physical or verbal abuse) towards any member of staff.
8. Warranty provision will be free of charge and we will decide whether this will take the form of a repair or the replacement of the appliance. Small appliances that can be reasonably transported or posted may need to be handed over or shipped to our customer service centre. A purchase receipt must be presented in each case. Replaced parts pass into our ownership.
9. Under no circumstances shall the application of this warranty give rise to the complete replacement of the appliances. In the event of a replacement appliance being supplied at our discretion, we reserve the right to charge an appropriate monetary offset in respect of the period of use already enjoyed.
10. The provision of services under warranty neither extends the term of the warranty nor sets in motion a new Warranty Period. The Warranty Period for spare parts fitted ends with the expiry of the warranty on the appliance as a whole.
11. EcoAir shall not be liable for loss of goods, loss of use, or any special, indirect, consequential or pure economic loss, costs, damages, charges or expenses.
12. Our Warranty service is on a return to base basis.

These warranty conditions apply to appliances purchased in the United Kingdom. If appliances shipped to other countries feature the appropriate technical conditions (e.g. voltage, frequency, gas-types etc.) for the climatic and environmental conditions in the country concerned, the terms of the warranty will apply, provided a local customer service network exists. Appliances purchased outside the United Kingdom are subject to the warranty conditions published by the appropriate local representative office of that country. These can be obtained via the specialist dealer from whom you bought appliance.

BS PLUG WIRING

Wiring Instructions: Should it be necessary to change the plug, please note the wires in the mains lead are coloured in accordance with the following codes:

BLUE - NEUTRAL
BROWN – LIVE
GREEN AND YELLOW - EARTH

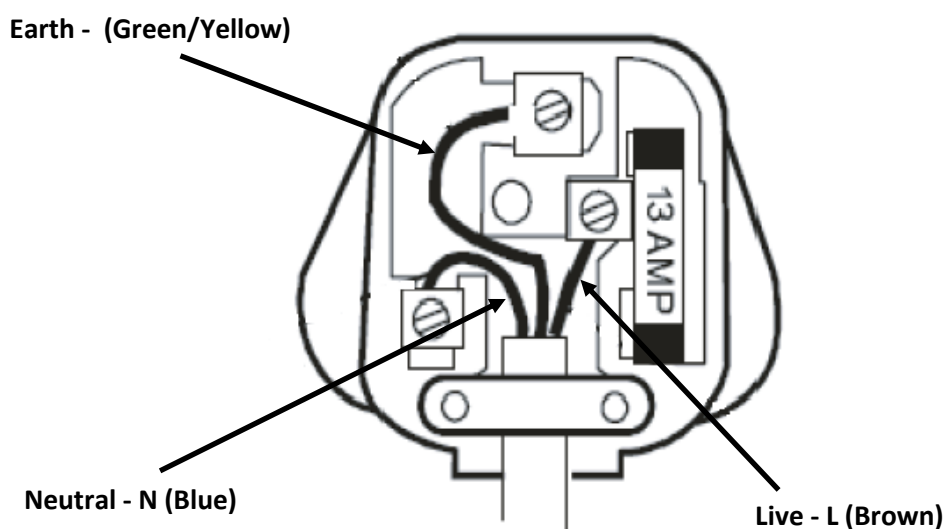
In the event that the colours of the wires in the mains lead of this appliance does not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

1. The **BLUE** wire is **NEUTRAL** and must be connected to the terminal which is marked with the letter **N** or coloured **BLACK**.
2. The **BROWN** wire is **LIVE** and must be connected to the terminal which is marked with the letter **L** or coloured **RED**.
3. The **GREEN/YELLOW** is **EARTH** and must be connected to the terminal which is marked with the letter **E** or \oplus or coloured **GREEN** or **GREEN/YELLOW**.
4. Always ensure that the cord grip is positioned and fastened correctly.

If a **13A (BS 1363)** fused plug is used it must be fitted with a **13A** -fuse. If in doubt consult a qualified electrician.

Wiring for a 13 Amp Plug (BS1363)

Please note. The Earth Terminal is marked with the letter **E** or \oplus Earth Symbol.



IMPORTANT SAFETY INSTRUCTIONS

Use this appliance only as described in this instruction manual. As with any electrical appliances, the instructions aim to cover as many situations as possible, caution and common sense should be used when operating and installing this appliance.

- Do not alter or modify the appliance's characteristics in any way. Should repairs be necessary, contact EcoAir's Authorised Service Centre. Self-servicing or unauthorised servicing can be dangerous.
- The appliance must be installed in accordance with the 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 the use of the appliance by a person responsible for their safety.
- Children and pets should be supervised to ensure they do not play with the appliance.
- Do not use the appliance if the power cable, cord is damaged. It must be replaced by an EcoAir's Authorised Service Centre.
- The appliance must always be placed in an upright position on an even level surface to avoid any damage, during use or transportation and when put into storage.
- The appliance must be plugged into a grounded 3-prong outlet and ensure that the voltage matches the rated specifications. If in doubt, check with a qualified technician.
- Do not use with extension cables or multi sockets. Do not pull or place strain on the power cord when moving appliance.
- Always unplug the appliance before cleaning or maintenance or when not in use.
- The appliance must not be placed or used where the atmosphere may contain combustible gasses, oil or sulphur or solvent, or near heat sources (such as heaters or in server rooms) or excessive dust.
- Do not place or rest any objects on the appliance and do not cover while in use. Always observe the minimum room size for storing and operating the appliance.
- Allow a minimum of 40 cm clearance around the appliance. Do not place any objects in close proximity to the appliance.
- Only operate the appliance with a clean filter in place. Clean the filters at least once every 2 weeks.
- To protect against electric shocks, do not immerse or spray the appliance or any of its parts in water.
- Ensure the air inlet and outlet are not blocked or covered when in use.
- Do not insert fingers or any objects into the air inlet or outlet openings.
- Do not operate or store the appliance under direct sunlight.
- Always switch off the power before unplugging from the socket.
- Do not leave the appliance running or plugged in over a long period of time unattended. Leaving unattended electrical appliances running is unsafe.
- Always make sure your hands are dry when operating the appliance.
- Only operate the appliance within the specified operating temperature range.
- Do not run power cord under carpeting, or cover with rugs or runners. Arrange the cord away from areas where it may become a trip hazard.
- The appliance is manufactured for dehumidification in domestic environments and must not be used for other purposes.
- This appliance must not be used outdoor or wet areas such as bathrooms.
- Do not use the Laundry Mode function over a long period of time or unattended. When drying laundry, do not place laundry on the appliance. Always ensure the laundry is placed a safe distance from the dehumidifier at least 40cm.