

# Ultrasonic humidifier

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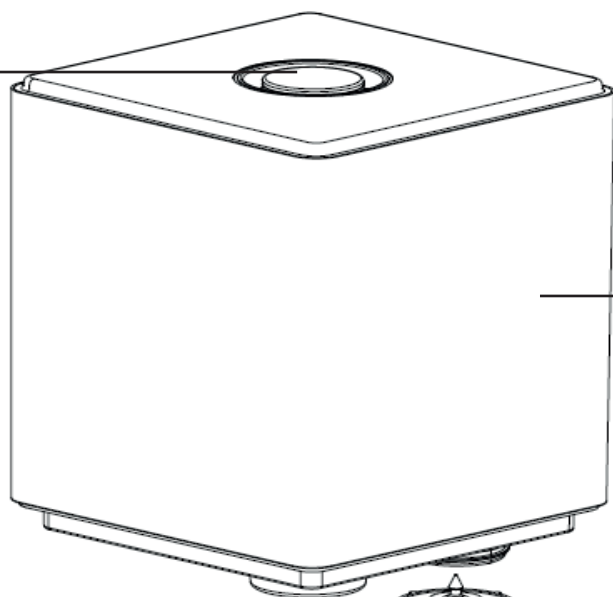
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**Alecto®**

**ACL-10**

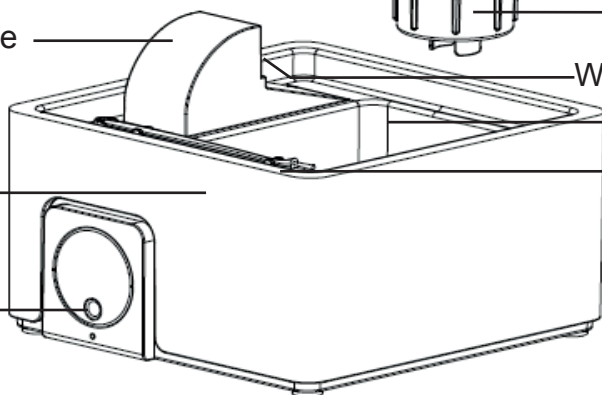
**GB**

Fluid drain



Water reservoir

Air discharge



Cap

Water level sensor

Transducer

Brush

Base

Control  
button

## **SPECIFICATIONS:**

- Product: ..... Ultrasonic humidifier with cool mist
- Power input: ..... 240V, 50Hz
- Humidifying capacity: ..... 350ml/h
- Water reservoir volume: .. 4.1 litre
- Rated power: ..... 30Watt
- Dimensions:..... 280x167x167 mm
- Weight: ..... 1.4 kg
- Coverage area:..... 90-110m<sup>3</sup>

## **DECLARATION OF CONFORMITY:**

This device meets the essential requirements and other relevant provisions as stipulated by the European Guideline 1999/5/EC. The declaration of conformity is available on the website [WWW.ALECTO.INFO](http://WWW.ALECTO.INFO)

## **PRODUCT DESCRIPTION:**

Congratulations with your purchase!

Alecto makes an effort to make your living environment more comfortable and easier. This personal Alecto humidifier improves the air quality in your immediate surroundings by adding moisture to the air, ensuring a pleasant humidity grade.

A suitable humidity grade protects you against dry airways and prevents respiration problems and dry, irritated skin. An adequately humidified environment prevents wooden furniture from shrinking, which would otherwise lead to tearing, and ensures that paper from books or wallpaper doesn't dry out, becomes brittle or warped. A suitable humidity also makes sure that dust settles and doesn't adhere to surfaces as much, making cleaning chores much easier.

The humidity grade is usually expressed in percentage. This number is the amount of water vapour in the air compared to the amount of water vapour the air can contain at room temperature.

The ideal humidity is around 40% to 50%. A humidity grade below 30% is dry and is usually considered to be uncomfortable. To measure the humidity in your environment, you can use a hygrometer.

Alecto's humidifier uses an ultrasonic, high-frequency generator to split water into small particles. A fan blows these water particles into the air as a sort of mist and these tiny particles are easily absorbed by the air. The ultrasonic technique ensures a silent operation without any change in room temperature, without any windows steaming up and no condensation in the immediate vicinity.

## **FIRST TIME USE:**

1. Make sure that the humidifier is switched off (turn the control button fully anti-clockwise) and the plug is disconnected from the wall socket.
2. Place the humidifier on a flat surface, approximately 60 cm above the floor and 10 cm from any walls.
3. Instructions for filling the water reservoir.
  - Detach the water reservoir by lifting it straight up.
  - Loosen the cap at the bottom of the reservoir by turning it anti-clockwise and fill the reservoir with demineralised or distilled water. When using it for the first time, it's recommended to first rinse out the reservoir.
  - Do NOT fill the reservoir with warm water; this can cause leakage.
  - Do NOT fill the reservoir with regular tap water. Tap water contains calcium which is absorbed by the water vapour and can descend on your furniture or floor. This causes a white layer that's difficult to clean.
  - After filling, securely replace the cap onto the reservoir by turning it clockwise and place the water reservoir back onto the base. The reservoir will immediately start emptying into the base.
4. Plug the mains lead into a wall socket.

## **CLEANING AND MAINTENANCE:**

Humidifiers ensure a humidity grade necessary for protecting our health. Please strictly follow all of the maintenance instructions to fully enjoy your humidifier and to prevent any trouble with your product. Neglecting the recommended care and maintenance can lead to the build-up of micro organisms in the water of the humidifier. It can also make you sensitive to organic particles from the humidifier when not cleaning the product on a regular basis. If you experience any respiration problems, immediately stop using the humidifier and contact your doctor.

## **DAILY MAINTENANCE:**

1. Switch off the humidifier and remove the plug from the wall socket before any maintenance.
2. Lift the humidifier's reservoir up from the base.
3. Empty the water reservoir into the sink, thoroughly rinse it out and remove any sediment or dirt. Wipe the water reservoir clean and dry it with a clean, soft cloth or kitchen towels.
4. Fill the water reservoir with fresh demineralised or distilled water, replace the cap onto the reservoir and replace the reservoir onto the base.

## **WEEKLY MAINTENANCE:**

1. Repeat steps 1-3 for daily maintenance.
2. Pour out any water left behind in the base, making sure the power is disconnected before moving it.
3. Pour a cup of white vinegar (approx. 200 ml) in the lower part of the base, this is where the transducer is located, and let it work for 15 minutes. Now use the soft brush from the base to loosen the deposits in the base and especially in the transducer.
4. Remove the deposits and the white vinegar solution with a clean, soft cloth.
5. Rinse out the base with water to ensure that no vinegar is left behind in the base. Don't immerse the base in water, but only rinse out the lower part of the base.
6. Fill the water reservoir with fresh demineralised or distilled water, replace the cap onto the reservoir and place the reservoir back onto the base.

**PRECAUTIONS DURING MAINTENANCE:**

- Make sure never to immerse the base in water.
- Don't use any solutions or aggressive cleaning agents to clean the product.
- Clean the interior with a soft cloth.
- Only use the brush for cleaning the transducer. This must be performed once a week.
- Only use a brush with soft hairs.
- Refresh the water in the water reservoir at least once a week if the water is left in the product for over a week.

**STORING THE HUMIDIFIER:**

- Clean the humidifier according to the above instructions and thoroughly dry it.
- It's recommended to store the humidifier in its original packaging.
- Avoid high temperatures.

**TROUBLE-SHOOTING:**

If your humidifier is not working properly, please check the following causes:

PROBLEM	POSSIBLE CAUSE	SOLUTION
Humidifier doesn't work.	Mains lead is not connected.	Connect the power cable.
The power indicator is red, no mist output.	No water in the water reservoir.	Fill the reservoir with water.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The water vapour disperses an unpleasant smell.	New device.	Open the reservoir and leave it in a shaded and cool spot for 12 hours.
	Dirty water or the water has been left in the water reservoir for too long.	Clean the water reservoir and refresh the water.
The mist output volume is low.	The transducer is dirty.	Clean the transducer with vinegar and a soft brush.
	Dirty water or the water has been left in the water reservoir for too long.	Clean the water reservoir and refresh the water.
Unusual noise.	Resonance in the water reservoir when there's too little water.	Fill the water reservoir with water.
	Product is placed on an unstable surface.	Move the product to a stable and even surface.
Cap is secured too tight.	Over-tightened.	Grease the cap with liquid soap to open it smoothly.
White deposits on furniture and floor.	Large amount of calcium in the water being used.	Use demineralised or distilled water.

**When handling electric devices you must always take certain precautions to prevent the risk of fire, electric shock and injuries. Amongst others, please keep in mind the following:**

1. Before use, check whether the voltage of the mains power is in accordance with the rated voltage of the product.
2. Never use the humidifier unattended in an enclosed space, especially where children are sleeping, resting or playing.
3. Don't add water to the fluid drain directly, to prevent damaging the product.
4. Never let children play with the packaging of the product, e.g. plastic bags.
5. Don't arrange the cable underneath carpet or near air grates, radiators, stoves or heating equipment.
6. Don't place the humidifier near stoves, radiators or other heating devices. For an optimal result, the humidifier must be at least 10 cm removed from any walls.
7. Never use a device with a damaged cable or plug, after any error has occurred or after the device has in any way fallen down or taken damage. Send the product to the factory for inspection, modification or repair.
8. Always place the humidifier on a sturdy, even and horizontal surface.
9. Never aim the fluid drain directly towards a wall.
10. Never tilt, move or empty the product while switched on.
11. Switch off the device and disconnect the plug from the wall socket before detaching the water reservoir or moving the device.
12. Don't attempt to repair or modify any electrical or mechanical functions of this product, this will declare the warranty as void.
13. This product does not contain any internal parts repairable by the user. Repairs may only be performed by professional personnel. The warranty of this product becomes void when disassembling the base.
14. Never use detergent, petrol, glass cleaner, furniture polish, thinner or other domestic cleaning products for cleaning any part of the humidifier.
15. Excessive humidity in a room can cause condensation on windows and certain furniture pieces. If that's the case, please switch off the humidifier.
16. Never clean the casing under running water and never immerse it into any liquid.



## **SAFETY FOR CONSUMERS:**

- Switch off the humidifier when moisture is forming on the walls or windows of the room, because this means the room is already adequately humidified and additional humidity can cause damage. Long-term excessive humidity can have negative effects, such as the growth of mites and mould, and makes the environment more attractive for various insects. Furthermore, laundry won't dry as well indoors.
- Inadequate indoor ventilation is also indicated by windows steaming up. An ideal humidity grade is between 40% and 50%.
- Never obstruct the air input or output.
- The length of the cable used for this product was determined to reduce the risk of entanglement or tripping over a longer cable.
- If a longer cable is required, you may use an extension cord. The electric power of this extension cord must be equal to or higher than the power of the humidifier.
- Be careful when arranging the extension cord; make sure it doesn't hang from or over a kitchen counter or table where children can pull it or trip over it.



Service



Help



**WWW.ALECTO.NL**  
**SERVICE@ALECTO.NL**

**NL 073 6411 355**

(Lokaal tarief)



**BE 03 238 5666**

(Lokaal tarief)

(Tarif local)

**DE 0180 503 0085**

Lokale Festnetzkosten



**Hesdo, Australiëlaan 1**  
**5232 BB, 's-Hertogenbosch**  
**The Netherlands**

## DISCARDING THE PRODUCT (ENVIRONMENT)

This product may not be discarded as regular domestic waste at the end of its life span; you must bring it to a collection point for the recycling of electric and electronic equipment.

