

Ultrasonic humidifier

Airbi CUBOID



Instruction manual

(version 1.0)



1 Before first use

1.1 Why humidify the air?

Stay in heated rooms can be not only unpleasant, but also unhealthy. One of the main reasons is low humidity. Optimal humidity is between 40 and 60%, while in many of our homes humidity drops below 20% in winter.

What does low humidity cause? Dust particles, bacteria, viruses, dust mite feces are normally trapped by nasal mucosa and exhaled. However, due to dry air, these particles can reach the lungs and reduce the body's natural defenses. This overloads the immune system and can cause irritation of the mucous membranes, cough, cracked lips, and increases the risk of illness.

Airbi ultrasonic humidifiers are ideal for apartments, offices, and any place where low humidity can cause health problems. Ultrasonically produced vapor is harmless to health. The main advantages of ultrasonic humidifiers are high performance and low energy consumption.

1.2 Principle of ultrasonic humidifier

Ultrasonic humidifiers use a high-frequency ultrasonic oscillator to break up water into tiny particles with a diameter of about 1–5 μm . The ventilation system blows these water droplets into the dry air, where they evaporate and increase the humidity. A smooth and visible mist can be seen coming from the unit.

1.3 Security instructions

- Read this user manual carefully before using the device.
- Keep this manual for future reference.
- After unpacking, make sure that the humidifier wasn't damaged during transport (especially water tank, tiny hairline cracks can be invisible, check them by filling the water tank by water). If you find any damage, contact your dealer as soon as possible. We recommend you keep the packaging for possible future use.
- Before first use, check that the device parameters (e.g., voltage) correspond to local conditions.
- Always place the humidifier on a hard, flat horizontal surface, at least 15cm from the walls and away from any source of heat such as burners, radiators, etc. The humidifier cannot operate on a non-horizontal surface. The humidifier must not be tilted.
- Keep the humidifier out of reach of children. Do not allow children to play with it.
- Before using the humidifier, unwind the cord and check that it is not damaged. Do not use it if the cord is damaged.
- Do not plug or unplug the humidifier with wet hands.
- Keep the base unit, power cord, and power supply away from water. Do not use in wet locations.
- Never disassemble the base unit.
- Never operate the humidifier with a defective plug or cord, or after any malfunction or damage of any kind. In these cases, have the appliance checked by nearest authorized dealer or repair center for safety check and any necessary repairs or adjustments.

- Do not shake the humidifier. This could spill water into the base unit and affect its operation or cause damage.
- Do not leave the humidifier in the direct sunlight for a long period.
- If an unusual odour occurs during use, turn off the appliance, unplug it and have it checked by qualified personnel.
- Unplug the humidifier before cleaning, filling with water or if removing the tank.
- Never touch the water or the immersed components while the appliance is operating.
- Never turn on the humidifier without water in the tank.
- Never scratch the transducer.
- To prevent any damage to the components, do not allow water to enter the base unit.
- Never wash the entire base unit with water; do not immerse the base unit.
- The ultrasonic humidifier must be cleaned regularly. To do this, refer to and follow the cleaning instructions in this manual.
- Do not use the humidifier if the air in the room is already sufficiently moist (more than 60% relative humidity). Excessive humidity can cause condensation on cold surfaces or walls in the room.
- For indoor use only!
- This device is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless supervised or instructed by a person responsible for their safety.
- Clean and dry the device according to the following guidelines before storage. Do not store the device with water inside. Store the device in a dry, cool place, out of reach of children.
- The device must not be controlled by an external switch. Danger of overload, short circuit, or fire!
- Please wash your hands after cleaning of the device, especially the filter. Do not touch your face or eyes during maintenance.
- Do not inhale mist directly!
- The water tank must be covered by the lid while the device is running.
- Protect the power cord from oil.
- Use only 100% natural essential oils, without alcohol. Alcohol must be avoided, because it can cause damage to the device. Appliances damaged by alcohol or chemicals are not covered by the warranty.
- Do not pour the essential oils directly into the water tank! It could cause damage! Essential oils should be applied only to the special drawer on the back side of the base unit.
- Do not exceed the maximum water level.

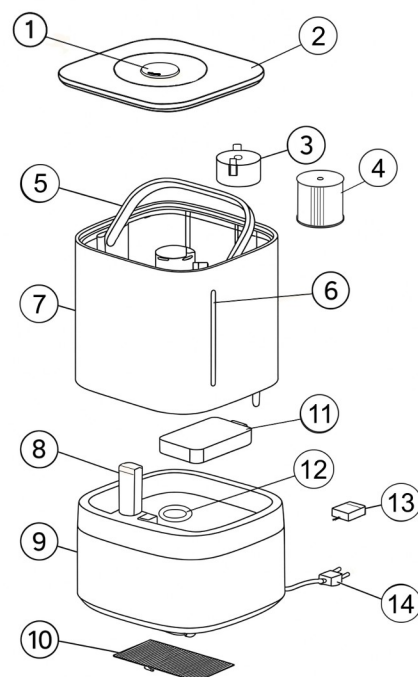
2 Description

2.1 Technical specifications

Model: SH605
 Evaporation rate: 300 ml/h
 Water tank capacity: 4 L
 Noise level: < 35 dB(A)
 Power supply: 220–240 V
 Frequency: 50/60 Hz
 Total power: 25W
 Dimensions: 190 x 190 x 320 mm
 Weight: 2.1 kg

2.2 Humidifier's diagram

- | | |
|-----------------------|-----------------------|
| 1. output nozzle | 8. air outlet |
| 2. cover lid | 9. base unit |
| 3. valve protection | 10. air filter |
| filter | 11. water level float |
| 4. water filter | 12. transducer |
| 5. handle | 13. aroma compartment |
| 6. water level window | 14. power cord |
| 7. water tank | |



2.3 Features

- Low energy consumption, saves 85–90% of the electricity compared to a standard steam humidifier.
- Low-water safety protection.
- Easy to refill water into the water tank
- Increase and regulate relative humidity of the room air.
- Eliminate electrostatic charges.
- Prevent different diseases.
- Keep your appearance fit and protect your skin.

3 How to use

Before first use, allow the device to adjust to room temperature for at least half an hour. The device is recommended for use within the temperature range 5–40 °C and at a relative humidity of less than 60%.

Check the base unit (9) of the humidifier and make sure that it is clean.

Remove the cover lid (2) and fill the water tank with clean water (the water temperature must not be higher than 40 °C). Do not pour water into the shaft in the center of the water tank! Do not exceed the water level indicated by the line and the 'Max' sign. **Attention! The appliance must be switched off and unplugged from the electricity while filling the water tank!**

When the water tank is full, close it with the cover lid (2). Never operate the humidifier with the water tank open. Check, if the cover lid and handle (5) are in right position and if the water tank is

properly closed.

Wait for a moment while the water fills the bottom chamber. Never turn on the device if the bottom chamber is empty. Plug the power cord into the socket. The device will beep. After that you can switch on the appliance by ON/OFF button.

Buttons and display:



ON/OFF – Press once to switch on the device, press again to switch it into standby mode.



Speed level – Select the speed level (mild, moderate, high) by pressing repeatedly.



Timer – Set the timer for 1–10 hours by pressing the button repeatedly. The humidifier will operate until the time expires.



Night mode – Press the button to switch on night mode. The display will dim. Press again to turn the display back on.

Display of relative humidity in percent, measured by the built-in hygrometer, alternates with the speed level display:

-- – mild



= = – moderate

= = – high

You can also see the empty water level indication on the display . This symbol will flash. When this appears, please turn off and unplug the device and refill the water tank.

Aromatherapy

The humidifier allows the use of essential oils. Place a few drops of essential oil (max. 5–10 drops) on a felt strip in the designated compartment (13). The humidifier uses the latest ultrasonic technology to atomize essential oils and water into microscopically small droplets. This technology allows you to harness the beneficial potential of aromatherapy for your needs.

Please note: Excessive use of essential oils may damage the plastic components in the device.

Never add fragrance essences directly to the water tank or the lower chamber of the device. If you wish to use a different fragrance, we recommend using a new piece of felt. **Use only essential oils that DO NOT CONTAIN alcohol.** Alcohol may damage the device. Equipment damaged by such substances is not covered under warranty.

4 Troubleshooting

Trouble	Possible reason	Solution
Light indicator off, humidifier does not work	No power supply	Connect power supply, switch on
The device is beeping,  is flashing on the display	No water in water tank	Fill water into water tank
Abnormal smell in mist	New unit	Remove the water tank, open the cover, and let it stand for 12 hours in a cool place.

	Dirty water or long time staying water	Clean the water tank, and fill it with clean water.
Water tank is broken		Contact authorized service
Too little mist emitted	Too much limescale or dust in the water chamber	Clean transducer
	Water is too dirty or too old	Clean water tank, change to fresh clear water
Abnormal noise	Resonant water tank when the amount of water is too small	Fill water into water tank
	Unit is on an unstable or tilted surface	Move the unit to a stable flat horizontal surface
	Water tank in improper position	Place water tank in right position

This is not considered to be a malfunction:

- If use too hard water in humidifier white coating of sediment may appear in the room. This is not malfunction. Please use soft water.
- Gurgling sounds from the water near the humidifier are normal.
- The device operates quietly, but not completely noiseless. Noise below 35 db is not considered a defect.

WARNING!

Should the above mentioned solutions do not work please contact the manufacturer or agent. Do never arbitrarily disassemble, repair or restructure the apparatus.

5 Maintenance

It is recommended to clean the water tank, valve protection filter and water filter at least once every 3 days. It is advisable to clean them more frequently, if a layer of impurities forms on the surface of these parts or if the appliance stinks. Air filter must be cleaned at least once every month.

Before carrying out the maintenance, please switch off the appliance and disconnect it from the power supply. Never clean the humidifier with thinner, gasoline, or other harsh chemicals.

The foam circle from valve protection filter is recommended to replace every 3 months. Water filter should be replaced after 6–12 months.

If the water used is too hard (contains too many minerals), a “white coating” may form on the transducer, in the water chamber, or in the water tank. Too much of this contamination can prevent the instrument from functioning properly.

To reduce bacterial growth in the water tank, you can use a Silver Ion cartridge (sold separately), which is placed directly into the water tank.

In case of hard water, we recommend:

1. Use filtered or distilled water.
2. Change the water more often to keep it fresh.
3. Clean the whole unit, and make sure to keep all parts of the unit dry completely when the unit is not in use.

How to clean the water tank, valve protection filter and water filter:

1. Remove the water tank from the appliance, open it and pour out any remaining water.
2. You can wipe the tank with a clean damp cloth. Rinse it with clean water and wipe it with a cloth.
3. Press the latch bolts and remove the valve protection filter. Then remove the foam filter. Rinse both parts thoroughly with clean water. Shake off excess water from the basket and the filter.
4. Unscrew the water filter and rinse it thoroughly with clean water. Screw it back in place.
5. Plastic parts of the filters (not the foam circle!) can also be cleaned with a soft brush.

How to clean the transducer:

1. Pour 5–10 drops of vinegar or citric acid solution on the transducer and wait 2–5 minutes.
2. Gently use a soft brush to clean the transducer.
3. Rinse the transducer with clean water. Be careful not to allow water to flow into the air outlet.

How to clean the base unit:

1. Clean the base unit with a soft cloth and also use vinegar if it is covered with water impurities (limescale).
2. If there is limescale on the water level float, use vinegar and clean it with a brush.
3. Rinse the bottom with clean water. Be careful not to allow water to flow into the air outlet.

How to clean air filter:

1. Open the air filter compartment. Remove the filter and carefully clean both the filter and compartment door using a vacuum cleaner.

6 Disposal of the device (environment)



At the end of the product lifecycle, you should not throw this product into the normal household garbage but bring the product to a collection point for the recycling of electrical and electronic equipments. The symbol on the product, user guide and/or box indicate this. Some of the product materials can be re-used if you bring them to a recycling point. By reusing some parts or raw materials from used products you make an important contribution to the protection of the environment. Please contact your local authorities in case you need more information on the collection points in your area.

This product is in compliance with EU CE and RoHS regulations. The device has been approved for use within EU countries and therefore carries the CE mark. All required documentation is available from the importer.

Changes in technical parameters, properties, printing errors in the instruction manual reserved.

Importer address:

Bibetus s.r.o.

Loosova 262/1

Brno 638 00

Czech republic

E-mail: info@bibetus.cz

Tel: +420 544214627