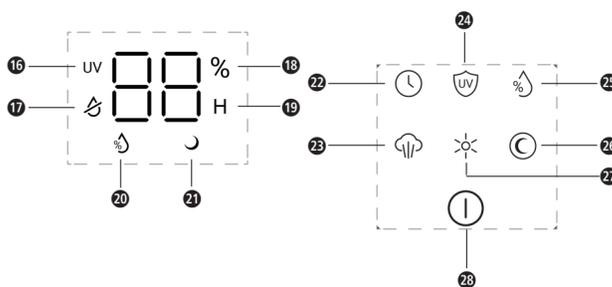
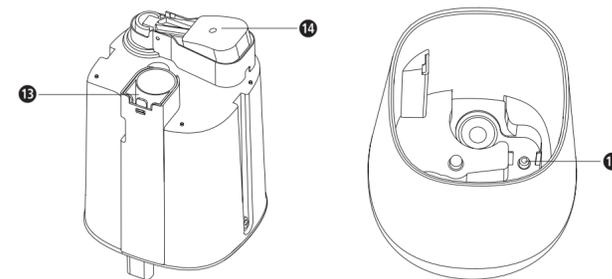


- | | | |
|-------------------------|----------------------|--------------------|
| 1 Top cover | 2 Decorative rings | 3 Main body |
| 4 Item base | 5 Spray nozzle | 6 Water tank cover |
| 7 Incense box | 8 Air outlet | |
| 9 Ultrasonic transducer | 10 Decorative lights | |
| 11 Tank seat | 12 UV lamp cover | |



- | | | |
|------------------------|-----------------------------|-----------------------------|
| 13 Muffler | 14 Floating body | 15 UV lamp |
| 16 UV symbol | 17 Low water symbol | 18 Humidity symbol |
| 19 Timer symbol | 20 Constant humidity symbol | |
| 21 Night mode symbol | 22 Timer button | |
| 23 Nebulisation button | 24 UV button | 25 Constant humidity button |
| 26 Night mode button | 27 Light button | |

Legend

**IMPORTANT**

Failure to follow these instructions may result in serious injury or damage to the device.

**WARNING**

These instructions must be followed to prevent possible injury to the user.

**CAUTION**

These instructions must be followed to prevent possible damage to the device.

**NOTE**

These instructions provide useful additional information regarding installation and operation.



Use the device only in enclosed spaces!



Protection class II

Temperature range



Batch number

Manufacturer



Clean the water tank every 3 days!

Recycling symbols/codes: These are used to provide information about the material and its proper use and recycling.

GB Safety Instructions

Please read these instructions for use carefully before using the device, in particular the safety instructions. Keep the instructions in a safe place for future reference. If you give the thermometer away, be sure to include this user manual.

**power supply**

- Before connecting the unit to your power supply, make sure that the mains voltage indicated on the rating plate matches that of your mains supply.
- If you notice unusual noises or smells or if the unit shows any other untypical behaviour, stop operation and disconnect it from the power supply immediately to avoid fire or accidents.
- Only insert the mains plug into the socket when the unit is switched off.
- Switch off the unit before disconnecting the power supply.
- Never carry, pull or twist the appliance by the power cord and do not pinch the cord.
- Position the power cord so that there is no danger of falling and no risk of strangulation.
- Do not handle the mains plug when standing in water and always handle the plug with dry hands.
- If the mains cable of this appliance is damaged, it must be replaced with a special mains cable available from the manufacturer or its after-sales service.
- Do not use the appliance if it, the cord or plug is damaged, if it is not working properly, if it has been dropped or dropped into water.
- Keep the appliance, including the power cord, away from hot surfaces.
- If the mains cable is damaged, it must only be replaced by **medisana**, an authorised dealer or qualified personnel. To prevent hazards, always send the unit in for service.

for special people

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children must not play with the appliance.
- In case of allergic respiratory disease, consult your family doctor before using the device.
- Consult your doctor if any health problems occur during use. In this case, stop using the appliance immediately.

operating the device

- The appliance is not intended for commercial use.
- Use the appliance only in accordance with its intended purpose as described in the instructions for use. Any misuse will invalidate the warranty!
- Keep pets away from the appliance.
- During use, place the appliance on a firm surface that is not sensitive to moisture so that it cannot tip over.
- Keep the appliance away from direct sunlight and heat sources.
- Place the unit at least 2 metres away from TV or radio sets to avoid interference.
- Do not reach for a unit that has fallen into the water. Unplug the appliance immediately.
- Do not operate the appliance if the water tank contains no or too little liquid. The water in the tank must not be frozen or hot.
- Never block the mist or air outlet.
- Always make sure that the appliance is switched off and the plug is disconnected from the socket when transporting, filling or emptying the water tank.
- Never insert metal objects into the appliance.
- Switch off all functions after use and disconnect the plug from the socket.
- Keep the ventilation slots on the underside of the appliance free from dust and dirt.

for maintenance and cleaning

- You may only carry out cleaning work on the unit yourself. In case of malfunctions, do not repair the device yourself, as this will invalidate any warranty claim. Ask your specialist dealer and only have repairs carried out by **medisana** service.
- Cleaning and user maintenance must not be carried out by children without supervision.
- Do not take the device apart - there is a risk of electric shock and fire.
- Do not immerse the device in water or other liquids.
- Should liquid ever get into the unit, unplug it from the mains immediately.
- Store the unit in a dry environment.
- WARNING!** Microorganisms that may be present in the water or in the environment where the appliance is used or stored can grow in the water tank and be blown into the air, which can lead to very serious health risks if the water is not renewed and the tank is not properly cleaned every 3 days!
- Note that high humidity can promote the growth of biological organisms in the environment.
- Make sure that the area around the unit does not become damp or wet. If moisture occurs, turn down the output of the unit. If the output power cannot be reduced, use the unit intermittently.
- Make sure that absorbent materials such as carpets, curtains, drapes or tablecloths do not become damp.
- Never leave water in the water tank when the appliance is not in use.
- Empty and clean the appliance before storing it.
- Clean the appliance before the next use.
- Disconnect the appliance from the mains during filling and cleaning.

Scope of delivery

First, check whether the device is complete and is not damaged. If in doubt, do not operate the device and contact your supplier or service centre.

The contents include:

- 1 **medisana** Air humidifier AH 680
- 3 Aroma pads
- 1 replacement top cover
- 1 Instruction manual



The packaging is recyclable or can be recycled back into the raw materials cycle. Please dispose of unwanted packaging materials properly. If damage caused during transport is noted while unpacking, please contact your retailer immediately.

**WARNING**

Make sure that the packaging films do not get into the hands of children! children! There is a danger of suffocation!

Ultrasound Technology

Ambient air which is too dry increases vulnerability to infections and respiratory diseases and also leads to fatigue as well as lapses in concentration. Clean air should have a relative humidity of between 40 and 55%. The quiet, energy-saving ultrasonic technology in the humidifier converts water into a fine mist through vibrations which increases the humidity of the air. This improves the air quality and prevents mucosal membranes and skin from drying out.

**CAUTION**

Excessive operation can lead to an oversaturation of the room air with moisture, which can condense on walls, windows and objects in the room. Therefore, check regularly by means of a hygrometer that the value of the relative humidity does not exceed 55 %.

**CAUTION**

Ensure that the humidifier is operated in a tilt-proof manner on a surface that is insensitive to moisture. Especially when operating with water containing minerals, precipitation / deposits may occur. Make sure that the escaping mist is not directed at other electrical devices, furniture or walls.

Filling the watertank

Before switching on the appliance for the first time, let it stand at room temperature for half an hour. Also, the appliance should only be filled when it is on a flat and stable surface and cannot tip over. Remove the top cover 1 and fill water into the tank OR remove the tank and fill it separately and then reinsert it. Be careful not to fill the water beyond the „MAX“ mark. Replace the top cover 1.

**CAUTION**

Only use fresh drinking water to operate the appliance. If the water contains hard lime, you also have the option of using demineralised water. Clean the appliance regularly and remove limescale and other deposits to keep it in good working order. Never operate the machine with an empty water tank.

Use

- Insert the mains plug into a properly installed mains socket. All symbols appear on the display for about 3 seconds and then go out. Press the ON/OFF button 23. The unit starts fogging at level 1 (L1 / Level 1). The current humidity value is displayed together with the humidity symbol 18. The low water symbol 17 lights up white.
- UV lamp 15: After switching on the unit, the UV lamp 15 lights up (UV symbol 16 also lights up). Press the button 24 to switch off the UV lamp 15 (UV symbol 16 off). Press the button 24 again to switch the UV lamp 15 on again.
- Mist adjustment: The default setting is L1 (level 1). By repeatedly pressing the nebulisation button 23, you can set the fogging output - there are 3 levels in total (L1 = low; L2 = medium; L3 = high). The display briefly shows the set level each time before the humidity value is displayed again.
- Constant humidity mode: You may preset the desired air humidity with the button 25 in the range of 45% to 75%. Each press of the button changes the value by 5%. In constant humidity mode work at L3 mist level. When the difference between the current humidity and the target humidity is less than 5%, work at L2 mist level. When the preset humidity is reached, the humidifier stops working, but the related indicator lights on normally. When the ambient humidity is lower than 5% of the set value, the device will start to work; long press the button 25 for 3 seconds or adjust mist level to exit the constant humidity mode. Humidity setting have memory function in standby mode (excluding power off). When entering this mode, the humidity set last time will be displayed automatically.
- Timer setting: Press the timer button 22 on the unit, two flashing digits („00“) appear together with the timer symbol „H“ 19. Now use the timer button 22 to set a number of hours from 1 to 9. If you do not press the button for 5 seconds after setting, the setting is accepted. The current humidity value is displayed again, but „H“ 19 remains lit. The unit now runs with this preset time - after it has expired, it switches off automatically. If you press the timer button 22 again during operation, the remaining time is displayed and can also be adjusted again. If you want to leave the timer mode, press and hold the timer button 22 for approx. 3 seconds - the „H“ 19 goes out.
- Lighting: Press the light button 27 to switch on the ambient lighting. Pressing the button several times changes the colours. Once all 8 colours have been run through, the lighting switches off again with the next press of the light button 27. You can also switch off the lighting by pressing and holding the light button 27 for approx. 3 seconds.
- Night mode: Press the night mode button 21 on the unit. The symbol for night mode 21 appears on the display, all other displays go out. After approx. 15 seconds, the symbol for night mode 21 also goes out. The function keys can also be used in night mode - after pressing, the corresponding display appears and after approx. 5 seconds without further input, the unit returns to night mode. When the night mode button 21 is pressed again, the night mode is terminated. Pressing the ON/OFF button 23 switches the unit off.

**NOTES**

- If the water tank is lifted during operation, the machine switches off and the low water symbol 17 flashes red. If the water tank is reinserted, operation continues. If the water tank is not reinserted within 10 minutes, the machine switches off completely.
- If too little water remains in the water tank, the machine also switches off and the low water symbol 17 flashes red. Refill with water. If the water tank is not refilled within 10 minutes, the machine switches off completely.

After use

- Switch off the unit and disconnect the mains plug from the socket.
- Remove the top cover 1, carefully lift out the water tank and pour out the remaining water. Rinse the tank with fresh water.
- If necessary, dry the water tank and the top cover with a soft, absorbent cloth.
- If you do not intend to use the appliance for a longer period of time: Also pour out the remaining water from the appliance body 3 by emptying it over a sink. CAUTION! No water must get into the interior of the unit (e.g. ventilation slots)!
- You can use a soft, absorbent cloth to remove any moisture left inside.

Error and remedy

- Unusual smell: Dirty or stale water, clean the tank and fill with fresh water.
- Unusual noise: Too little water in the tank and/or appliance is not stable on a straight, solid surface. Top up with water and make sure that the appliance is standing securely. If you cannot remedy a malfunction yourself, please contact the customer service.

Using and cleaning the incense box 7

This appliance is equipped with an incense box 7. You can drip a few drops of an aroma oil onto the pad inside the box. The pad holder should be cleaned from time to time and always after using an aroma oil, e.g. with a slightly damp cloth.

- Press the incense box 7 with your fingers.
- The box opens and the carrier is released.

Exchanging the top cover 1

A replacement top cover is included in the scope of delivery. If you want to change the top cover, you can detach the old top from the support by turning the internal latch and attach the new top cover top accordingly.

Cleaning and care

- For daily use, we recommend that you clean the appliance thoroughly at least every three days. Also clean the appliance before and after longer periods of storage.
- Empty the appliance and tank when not in use for a longer period of time to avoid algae build-up or contamination. Disinfect the tank with alcohol from time to time and the outside of the appliance with a soft cloth. Store the appliance in a cool, dry place, preferably in its original packaging.
- Before cleaning the appliance, make sure it is switched off and the mains plug is disconnected from the socket.
- Remove the water tank from the machine and empty it.
- Clean the outside of the unit with a damp, soft cloth.
- Do not use aggressive substances, such as scouring cream or other agents, for cleaning. This could attack the surface and reduce the nebulisation.
- You can rinse the water tank thoroughly with hot water (>55°C / <75°C) or at least 75 % alcohol. Clean the nebuliser chamber with a cloth soaked in alcohol and a cotton swab. Make sure that no water gets into the inside of the unit.
- The ultrasonic transducer is the most sensitive component of the unit. It is important that it is treated cleanly and with care. Use a smooth brush to remove deposits and dirt particles from the outlets. Never use metal tools to clean the ultrasonic transducer.
- Make sure that the mains cable and plug are not contaminated by dust or dirt in order to avoid electrical malfunctions.

Cleaning the water filter

This machine is equipped with a water filter that has water-softening resin inside. If you have not used the machine for a long time, turn the filter element counterclockwise and remove it upwards, rinse it under running water and clean the installation position of the filter element with a cloth. Then put the filter back in place - this way you can also swap out the filter for a new one. We recommend replacing the water filter every 2 to 4 months (depending on the frequency of use).

Decalcification

Any limescale residue can be removed with a descaler (citric acid).

- Remove the filter.
- Use the descaler according to the manufacturer's instructions.
- Pour a small amount into the tank chamber and let it soak for a few minutes.
- Pour out the descaler and rinse several times with clear water.

CAUTION! No water must be allowed to get into the air vent! Make sure that there are no descaler residues left in the appliance.

Disposal

This product must not be disposed of together with domestic waste. All users are obliged to hand in all electrical or electronic devices, regardless of whether or not they contain toxic substances, at a municipal or commercial collection point so that they can be disposed of in an environmentally acceptable manner. Consult your municipal authority or your dealer for information about disposal.

Technical specifications

Name and model:	medisana Air humidifier AH 680
Power supply:	220-240V~ 50/60Hz
Output:	24W
Tank capacity:	approx. 2,600 ml
Atomizer capacity:	Cold mist max. approx. 300 ml/h
Duration:	Max. approx. 9 hours via timer setting Max. approx. 25 hours on lowest setting approx. 20.7 x 20.7 x 31.5 cm
Dimensions:	approx. 1.8 kg
Weight:	Clean and dry at +10°C to +40°C
Storage conditions:	60073
Item number:	40 15588 60073 9
EAN number:	Aroma pad: Item nr. 60074 / EAN 40 15588 60074 6
Accessories:	Water filter: Item nr. 60076 / EAN 40 15588 60076 0

In the interest of constant product improvement, we reserve the right to make technical and design changes.

The current version of these user instructions can be found at www.medisana.com

Warranty and Repair Conditions

Your statutory warranty rights are not limited by our warranty set out below. In case of warranty please contact your specialist shop or the service centre directly. Should you have to return the device, please state the defect and enclose a copy of the purchase receipt or invoice. The following arrangements apply:

- All **medisana** products are guaranteed for 3 years from the date of purchase. In case of a warranty claim, the purchase receipt or invoice must be provided as proof of purchase date.
- Faults due to material or manufacturing defects will be rectified free of charge within the warranty period.
- A warranty service does not extend the warranty period for either the equipment or for replacement components.
- The following are excluded from the warranty:
 - any damage caused by improper use, e.g. not following the user instructions.
 - damage caused by repair or intervention by the purchaser or unauthorised third parties.
 - transport damage that has occurred on the way from the manufacturer to the consumer or has arisen during transit to the service point.
 - spare parts that are subject to normal wear and tear.
- Liability for direct or indirect consequential damages caused by the device is also excluded if the damage is recognised as a warranty claim.

You will find the service address on the separate enclosed sheet.

