

AW 10 S

EN

OPERATING MANUAL
AIR WASHER



Table of contents

Notes regarding the operating manual..... 2

Safety 2

Information about the device..... 4

Transport and storage..... 5

Assembly and installation..... 5

Operation 6

Available accessories..... 7

Errors and faults..... 7

Maintenance 7

Technical annex..... 10

Disposal 10

Notes regarding the operating manual

Symbols



Warning of electrical voltage

This symbol indicates dangers to the life and health of persons due to electrical voltage.



Warning

This signal word indicates a hazard with an average risk level which, if not avoided, can result in serious injury or death.



Caution

This signal word indicates a hazard with a low risk level which, if not avoided, can result in minor or moderate injury.

Note

This signal word indicates important information (e.g. material damage), but does not indicate hazards.



Info

Information marked with this symbol helps you to carry out your tasks quickly and safely.



Follow the manual

Information marked with this symbol indicates that the operating manual must be observed.

You can download the current version of the operating manual and the EU declaration of conformity via the following link:



AW 10 S



<https://hub.trotec.com/?id=42937>

Safety

Read this manual carefully before starting or using the device. Always store the manual in the immediate vicinity of the device or its site of use!



Warning

Read all safety warnings and all instructions.

Failure to follow the warnings and instructions may result in electric shock, fire and / or serious injury.

Save all warnings and instructions for future reference.

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 shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

- Do not use the device in potentially explosive rooms.
- Do not use the device in aggressive atmosphere.
- Set the device up in an upright and stable position.
- Fill the device with fresh drinking water only.
- Never insert any objects or limbs into the device.
- Do not cover or transport the device during operation.
- This appliance is not a toy! Keep away from children and animals. Do not leave the device unattended during operation.

- Ensure that all electric cables outside of the device are protected from damage (e.g. caused by animals). Never use the device if electric cables or the power connection are damaged!
- Insert the mains plug into a properly secured mains socket.
- Observe the device's power input, cable length and intended use when selecting extensions to the power cable. Completely unroll extension cables. Avoid electrical overload.
- Before carrying out maintenance, care or repair work on the device, remove the mains plug from the mains socket. Hold onto the mains plug while doing so.
- Switch the device off and disconnect the power cable from the mains socket when the device is not in use.
- Do not under any circumstances use the device if you detect damages on the mains plug or power cable. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. Defective power cables pose a serious health risk!
- When positioning the device, observe the minimum distances from walls and other objects as well as the storage and operating conditions specified in the Technical data chapter.
- Make sure that the air inlet and outlet are not obstructed.
- Make sure that the suction side is kept free of dirt and loose objects.
- Do not remove any safety signs, stickers or labels from the device. Keep all safety signs, stickers and labels in legible condition.

Intended use

Use the device for humidifying and cleaning indoor air whilst adhering to and following the technical data. The device is suited for humidifying the room air in order to create an agreeable room climate.

Improper use

- Do not place the device on wet or flooded ground.
- Do not place any objects, e.g. clothing, on the device.
- Do not use the device outdoors.
- Do not use the device for the distribution of liquids other than fresh drinking water.
- Do not use the device for removing heavy contaminations from the air.
- Any unauthorised modifications, alterations or structural changes to the device are forbidden.

Personnel qualifications

People who use this device must:

- be aware of the dangers that occur when working with electric devices in damp areas.
- have read and understood the operating manual, especially the Safety chapter.

Maintenance tasks which require the housing to be opened must only be carried out by specialist electrical companies or by Trotec.

Residual risks



Warning of electrical voltage

Work on the electrical components must only be carried out by an authorised specialist company!



Warning of electrical voltage

Before any work on the device, remove the mains plug from the mains socket!
Hold onto the mains plug while pulling the power cable out of the mains socket.



Warning

Dangers can occur at the device when it is used by untrained people in an unprofessional or improper way!
Observe the personnel qualifications!



Warning

The device is not a toy and does not belong in the hands of children.



Warning

Risk of suffocation!
Do not leave the packaging lying around. Children may use it as a dangerous toy.



Caution

If the device is knocked over, water will leak from the lower part.
Disconnect the device from the mains to prevent damage to the device caused by dry running.

Behaviour in the event of an emergency

1. Switch off the device.
2. In an emergency, disconnect the device from the mains feed-in: Hold onto the mains plug while pulling the power cable out of the mains socket.
3. Do not reconnect a defective device to the mains.

Information about the device

Description of the device

The device is a 3-in-1 combination device for air purification, humidification and odour elimination.

The device reduces both odours and electrostatic charges and leaves neither limescale nor wet spots.

The device binds pollen, animal hair and house dust. It reduces both odours and electrostatic charges and leaves neither limescale nor wet spots.

With a humidification performance of up to 400 ml per hour and an air flow rate of up to 126 m³ per hour the device is suitable for rooms sized up to 25 m² or 63 m³.

The water tank has a capacity of approx. 9 litres and comes equipped with a filling level indication. If the water tank is empty, a warning signal will be emitted and the device switches off automatically.

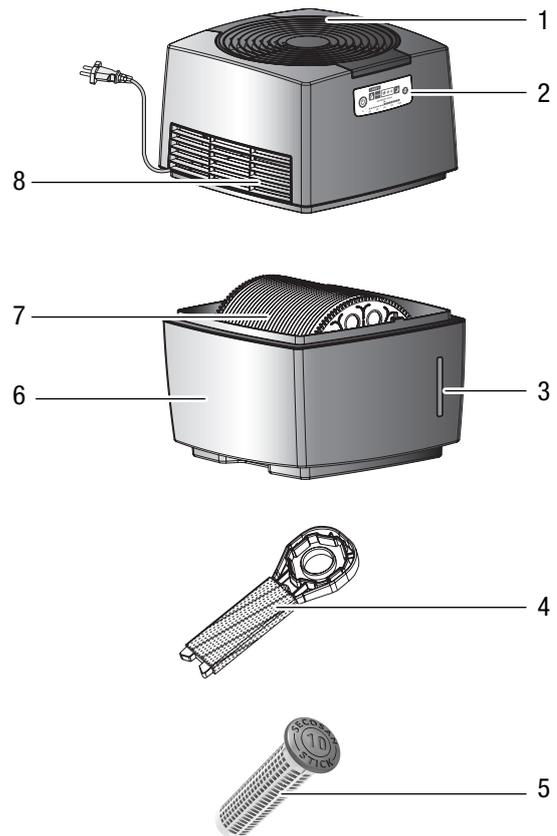
Thanks to the sensor-controlled automatic operation, it is possible to control the fan speed depending on room humidity. The relative humidity is indicated on the display.

Apart from using the device in automatic mode you can also manually select one of the three fan stages.

The device operates at a low noise level of < 40 dB.

Furthermore, the device comes with a night mode enabling ultra-silent operation at bedtime.

Device depiction



No.	Designation
1	Air inlet
2	Control panel
3	Water level indicator
4	Easy Kit
5	SecoSan® Stick 10 (optional accessory)
6	Water tank
7	Disk
8	Air outlet

Transport and storage

Note

If you store or transport the device improperly, the device may be damaged.

Note the information regarding transport and storage of the device.

Transport

Before transporting the device, observe the following:

- Switch off the device.
- Hold onto the mains plug while pulling the power cable out of the mains socket.
- Check whether the upper and lower part of the device are firmly interconnected.
- Lift the device at the lower part.

After transporting the device, observe the following:

- Set up the device in an upright position after transport.

Storage

Before storing the device, observe the following:

- Empty and clean the water tank prior to storage (see chapter Maintenance).
- Hold onto the mains plug while pulling the power cable out of the mains socket.

When the device is not being used, observe the following storage conditions:

- dry and protected from frost and heat
- in an upright position where it is protected from dust and direct sunlight
- with a cover to protect it from invasive dust, if necessary

Assembly and installation

Scope of delivery

- 1 x Device
- 1 x Easy Kit combination tool
- 1 x Manual

Unpacking the device

1. Open the cardboard box and take the device out.
2. Completely remove the packaging.
3. Fully unwind the power cable. Make sure that the power cable is not damaged and that you do not damage it during unwinding.

Start-up

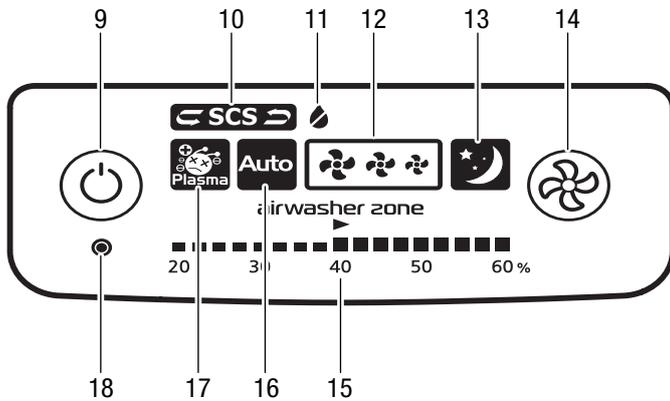
- Before restarting the device, check the condition of the power cable. If there are doubts as to the sound condition, contact the customer service.
- Set the device up in an upright and stable position.
- Do not create tripping hazards when laying the power cable or other electric cables, especially when positioning the device in the middle of the room. Use cable bridges.
- Make sure that extension cables are unrolled completely.

Filling the water tank

1. Remove the upper part from the device and put it aside.
2. Remove the packaging from the disk.
3. Lift the disk out of the water tank.
4. Remove further packaging.
5. Refit the disk into the device.
6. Fill the water tank with fresh drinking water.
 - ⇒ The filling level should not exceed the water level line in the water tank.
7. Insert the SecoSan[®] stick (optional accessory) into the lower part of the water tank.
8. Check whether the distance between the SecoSan[®] stick and the disk is sufficient. The disk must be able to move freely.
9. Place the upper part onto the water tank.
 - ⇒ The display on the upper part and the logo on the lower part should point in the same direction.
10. Check whether the upper and lower part are properly interconnected as otherwise the device cannot be switched on.
11. Plug the mains plug into a sufficiently fused mains socket.

Operation

Operating elements



No.	Designation	Description
9	Power button	For switching the device on or off
10	SecoSan® stick indication	Illuminated when the SecoSan® stick needs to be replaced.
11	Water tank indication	Illuminated when water has to be refilled.
12	Fan speed indication	Indicates the fan speed
13	Night mode indication	Illuminated when night mode is activated.
14	Operating mode button	For setting the operating mode
15	Humidity level indication	Indicates the current room humidity level up to 60 % even if the device switches off at 50 %. airwasher zone = comfort zone between 40 % and 60 %.
16	Automatic / continuous operation indication	Illuminated when the device runs in automatic / continuous operation.
17	Plasma generator indication	Illuminated when the plasma generator is activated.
18	Reset button for SecoSan® Stick	Needs to be actuated after replacing the SecoSan® stick to reset the SecoSan® stick indication.

Switching the device on

Once you have completely installed the device as described in the Start-up chapter, you can switch it on.

1. Press the *power* button (9).
⇒ The device switches on.

Setting the operating mode

The following table shows an overview of the operating modes:

Operating mode	Description	Indication
Auto	Fan speed control depending on room humidity. When reaching a humidity level of 50 %, the device stops. It continues to operate as soon as the measured humidity level falls below 50 %.	
Night mode	The device runs in night mode. The LED illumination of the control panel is dimmed. The fan runs at the lowest speed. When reaching a humidity level of 50 %, the device stops. It continues to operate as soon as the measured humidity level falls below 50 %.	
Fan max	The fan runs at the highest speed, regardless of the room humidity.	
Fan med	The fan runs at medium speed, regardless of the room humidity.	
Fan min	The fan runs at the lowest speed, regardless of the room humidity.	

1. Press the *Operating mode* button (14) until the desired operating mode is set.
⇒ The corresponding indication is illuminated.

Adding water

If the *water tank* indication (11) is illuminated, you have to refill water.

Note:

After approx. one week of operation, the water tank should be cleaned before refilling with fresh drinking water. Further information on cleaning the water tank can be found in the chapter Maintenance.

1. Press the *power* button (9).
⇒ The device switches off.
2. Remove the mains plug from the mains socket.
3. Remove the upper part from the water tank.
4. Fill the water tank with fresh drinking water.
⇒ The filling level should be below the filling level line in the water tank.
5. Check whether the (optional) SecoSan® stick is correctly positioned inside the water tank.
6. Place the upper part onto the water tank.
⇒ The display on the upper part and the logo on the lower part should point in the same direction.
7. Check whether the upper and lower part are properly interconnected as otherwise the device cannot be switched on.
8. Plug the mains plug into a sufficiently fused mains socket.
9. Press the *power* button (9).
⇒ The device switches back on.

Shutdown

- Hold onto the mains plug while pulling the power cable out of the mains socket.
- Empty and clean the water tank.
- Remove the SecoSan® stick, if necessary.
- Clean the upper louvres according to the Maintenance chapter.
- Clean the plasma generator according to the Maintenance chapter.
- Store the device according to the Storage chapter.

Available accessories

Designation	Article number
SecoSan® Stick 10	6.100.004.110

Errors and faults

The device has been checked for proper functioning several times during production. If malfunctions occur nonetheless, check the device according to the following list.

The device does not start:

- Check the power connection.
- Check the power cable and mains plug for damage.
- Check the on-site fusing.
- Check whether the upper and lower part are properly connected to one another.
- Wait for 10 minutes before restarting the device. If the device is not starting, have the electricians checked by a specialist company or by Trotec.

Water is leaking:

- Check whether the device is set up in a stable and upright position.
- Check the device for leaks.

Note

Wait for at least 3 minutes after maintenance and repair work. Only then switch the device back on.

Your device still does not operate correctly after these checks?

Please contact the customer service. If necessary, bring the device to an authorized specialist electrical company or to Trotec for repair.

Maintenance

Activities required before starting maintenance



Warning of electrical voltage

Do not touch the mains plug with wet or damp hands.

- Switch the device off.
- Hold onto the mains plug while pulling the power cable out of the mains socket.

Cleaning the housing

Clean the housing with a soft, damp and lint-free cloth. Ensure that no moisture enters the housing. Protect electrical components from moisture. Do not use any aggressive cleaning agents such as cleaning sprays, solvents, alcohol-based or abrasive cleaners to dampen the cloth.

Cleaning the water tank and replacing the (optional) SecoSan® stick

Clean the water tank at least once a week and prior to every start-up or shutdown.

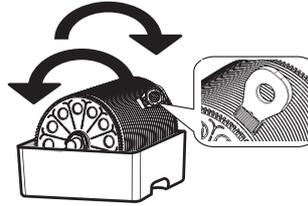
- ✓ The device is switched off and disconnected from the mains.
 - ✓ The upper part of the device has already been removed from the device.
1. Take the disk out of the water tank.
 2. If required, take the SecoSan® stick out of the water tank.
 3. Discharge the residual water into a drain.
 4. Clean the inside of the water tank with a mild detergent.
 5. Thoroughly rinse the water tank with clear water.
 6. Dry the inside of the tank with a lint-free cloth.
 7. If you want to continue using the SecoSan® stick, rinse it thoroughly with clear water.
 - ⇒ The SecoSan® stick should be exchanged approx. every 6 months. The LED for the SecoSan® stick lights up when an exchange is required. After replacement dispose of the SecoSan® stick properly.
 8. Insert the (new) SecoSan® stick in a corner of the water tank. Make sure not to block the rotating disk.
 9. Refit the disk. Check the disk for complete movability. If necessary, reposition the SecoSan® stick so that the disk can turn freely.
 10. Fill the water tank with fresh drinking water.
 11. Put the upper part back on the device.

If you replaced the SecoSan® stick, the *SecoSan® stick* indication (10) needs to be reset after having switched the device back on:

1. Press the reset button (18) with a suitable tool (e.g. paper clip or toothpick) for approx. 3 seconds.
 - ⇒ The illuminated *SecoSan® stick* indication (10) goes out.

Cleaning the disk

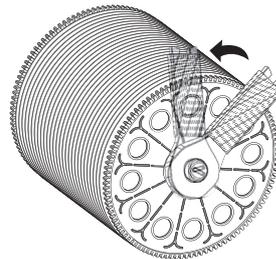
- ✓ The device is switched off and disconnected from the mains.
 - ✓ The upper part of the device has already been removed from the device.
1. In case of slight soiling, insert the Easy Kit between two of the disks and move it back and forth.



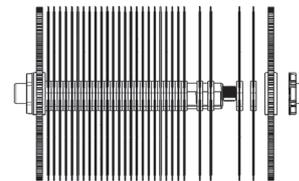
2. In case of heavy soiling, you can disassemble the disk into its individual components and clean them thoroughly:

Disassembling the disk

1. Take the disk out of the water tank.
2. Open the lateral screwing with the Easy Kit or with a coin by turning the cap counter-clockwise.



3. Remove the cap.
4. You can take the disks off the shaft and clean them individually.

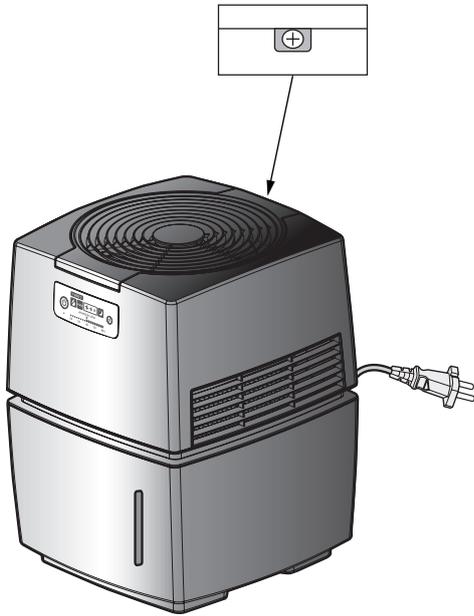


5. After cleaning, slide the disks back on the shaft.
6. Put the cap back on the shaft and fasten the cap by turning clockwise.
7. Reinsert the disk into the device. Check the disk for complete movability. If necessary, reposition the SecoSan® Stick so that the disk can turn freely.
8. Put the upper part back on the device.

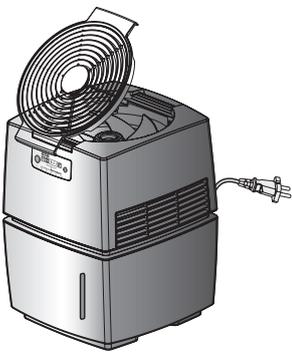
Cleaning the upper louvre

Clean the upper louvre if it shows visible soiling.

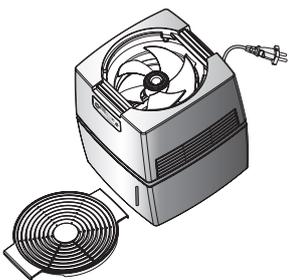
- ✓ The device is switched off and disconnected from the mains.
- 1. Loosen the upper screw at the rear of the device with a suitable screwdriver (Phillips, +).



- 2. Remove the louvre.



- 3. Clean the louvre with a damp, lint-free cloth or with a vacuum cleaner.



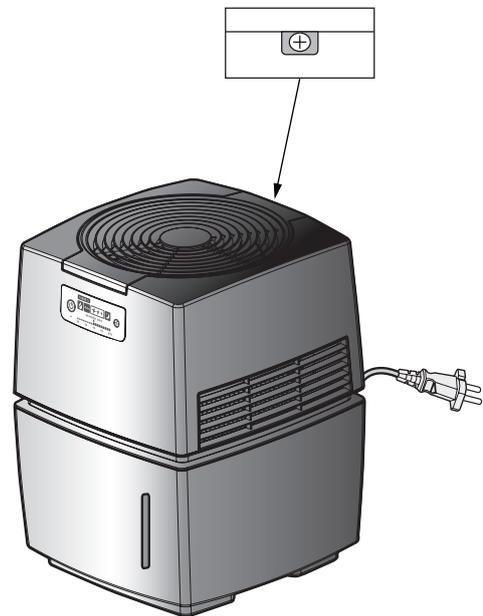
- 4. Should the fins of the fan be heavily soiled too, you can remove the dust with a dry duster or a vacuum cleaner (low stage). Make sure that no moisture enters the fan.
- 5. Place the louvre back on the device until it engages.
- 6. Tighten the screw at the rear.

Cleaning the plasma generator

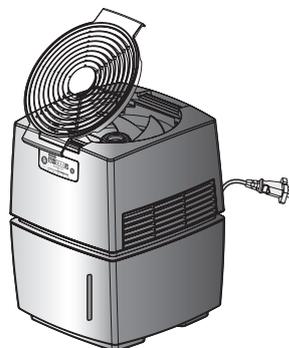
Clean the electrodes of the plasma generator about every two weeks.

Use customary cotton buds for cleaning. You can slightly dampen the cotton buds with water. If you are using damp cotton buds, always wipe dry with a dry cotton bud.

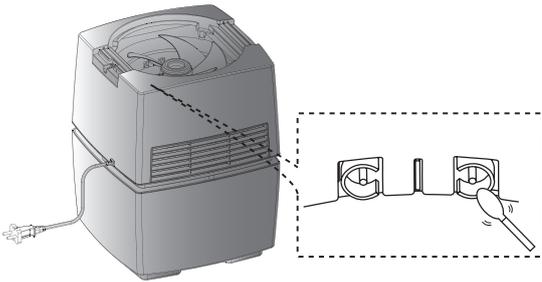
- ✓ The device is switched off and disconnected from the mains.
- 1. Loosen the upper screw at the rear of the device with a suitable screwdriver (Phillips, +).



- 2. Remove the louvre.



- Carefully wipe over both electrodes with a cotton bud.



- Place the louvre back on the device until it engages.
- Tighten the screw at the rear.

Activities required after maintenance

If you want to continue using the device:

- Reconnect the device to the mains.

If you do not intend to use the device for a considerable time:

- Store the device according to the Storage chapter.

Technical annex

Technical data

Parameter	Value
Suitable for rooms sized up to	25 m ² / 63 m ³
Max. humidification performance	400 ml/h
Display of relative humidity	20 % to 60 %
Max. air volume	126 m ³ /h
Mains connection	1/N/PE ~ 220V / 50 – 60 Hz
Power consumption max.	11 W
Sound pressure level at a distance of 1 m (max. stage)	32 dB(A)
Water tank	9 l
Dimensions (length x width x height)	315 x 310 x 390 mm
Weight	6 kg
Water filter	SecoSan® Stick 10

Disposal



The icon with the crossed-out waste bin on waste electrical or electronic equipment stipulates that this equipment must not be disposed of with the household waste at the end of its life. You will find collection points for free return of waste electrical and electronic equipment in your vicinity. The addresses can be obtained from your municipality or local administration. For further return options provided by us please refer to our website www.trotec24.com.

The separate collection of waste electrical and electronic equipment aims to enable the re-use, recycling and other forms of recovery of waste equipment as well as to prevent negative effects for the environment and human health caused by the disposal of hazardous substances potentially contained in the equipment.

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