

PAE 30

EN

INSTRUCTIONS
AIR COOLER



 **TROTEC**

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You can download the current version of these instructions via the following link:



PAE 30



<https://hub.trotec.com/?id=44339>

Information on the use of these instructions

Symbols



Warning

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



Warning of electrical voltage

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

Notice

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 instructions must be observed.



Wear safety glasses

Information marked with this symbol indicates that you should wear eye protection.



Wear protective gloves

Information marked with this symbol indicates that you should wear protective gloves.

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 done by children without supervision.

- Do not use the device in potentially explosive rooms or areas and do not install it there.
- Do not use the device in an aggressive atmosphere.
- Place the device in an upright and stable position on a horizontal and stable surface.
- Let the device dry out after a wet clean. Do not operate it when wet.
- Do not use the device with wet or damp hands.
- Do not expose the device to directly squirting water.

- Do not cover the device during operation.
- Do not sit on the device.
- This appliance is not a toy. Keep away from children and animals.
- Check the device occasionally during operation.
- Check accessories and connection parts for possible damage prior to every use of the device. Do not use any defective devices or device parts.
- 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!
- The mains connection must correspond to the specifications in the Technical annex.
- Insert the mains plug into a properly fused 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.
- 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 a special cord or assembly available from the manufacturer or its service agent.
Defective power cables pose a serious health risk!
- 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.
- 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 annex.
- 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.
- Never insert any objects or limbs into the device.
- Do not remove any safety signs, stickers or labels from the device. Keep all safety signs, stickers and labels in legible condition.
- Only transport the device in an upright position with an emptied water tank.
- Empty and clean the water tank prior to storage or transport. Do not drink the water. Health hazard!
- Never leave water in the reservoir when the appliance is not in use.
- Do not permit the area around the humidifier to become damp or wet. If dampness occurs, turn the output of the humidifier down. If the humidifier output volume cannot be turned down, use the humidifier intermittently. Do not allow absorbent materials, such as carpeting, curtains, drapes, or tablecloths, to become damp.
- Be aware that high humidity levels may encourage the growth of biological organisms in the environment.
- Micro-organisms that may be present in the water or in the environment where the appliance is used or stored, can grow in the water reservoir and be blown in the air causing very serious health risks when the water is not renewed and the tank is not cleaned properly every 3 days.
- Only fill the water tank with fresh drinking water, ice cubes made of fresh drinking water and / or suitable ice packs.
- Ice packs are not toys. Keep away from children and animals.
- Never open an ice pack. The liquid inside the ice packs can be harmful to health.
- Do not eat the ice that may form on the ice packs. Health hazard!
- Do not use the device if it has been dropped or if it shows visible signs of damage.
- Only use original spare parts, for otherwise safe and functional operation cannot be ensured.
- Use batteries of type AAA.
- Do not insert rechargeable batteries into the remote control.
- Never charge batteries that cannot be recharged.
- Different types of batteries and new and used batteries must not be used together.
- Insert the batteries into the battery compartment according to the correct polarity.
- Remove discharged batteries. Batteries contain materials hazardous to the environment. Dispose of the batteries according to the national regulations.
- Remove the batteries from the remote control if you will not be using the device for a longer period of time.
- Never short-circuit the terminals of batteries!
- Do not swallow batteries! If a battery is swallowed, it can cause severe internal burns within 2 hours! These burns can lead to death!
- If you think batteries might have been swallowed or otherwise entered the body, seek medical attention immediately!
- Keep new and used batteries and an open battery compartment away from children.
- If the battery compartment does not close securely, stop using the product via the remote control.

- Unplug the appliance during filling and cleaning.
- Do not run the mains cable in front of the air outlet or in its immediate vicinity.
- Do not wrap the mains cable around the device and do not kink it to avoid damaging the cable insulation. Do not place any objects on the mains cable.

Intended use

Only use the device for cooling the air in interior spaces while adhering to and following the technical data.

Intended use comprises cooling the air in:

- living spaces
- museums
- warehouses and archives
- libraries
- call centres and computer rooms

Any use other than the intended use is regarded as misuse.

Reasonably foreseeable misuse

- Do not place the device on wet or flooded ground, e.g. near floor drains.
- Do not place any objects, e.g. clothing, on the device.
- Do not use outdoors.
- Do not use the device in the immediate vicinity of swimming pools, bathtubs and showers.
- Never immerse the device in water.
- Do not make any unauthorised modifications, alterations or structural changes to the device.

Personnel qualification

People who use this device must:

- have basic knowledge of how to safely handle electrical equipment.
- have read and understood the instructions, especially the Safety chapter.

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

Safety signs and labels on the device

Notice

Do not remove any safety signs, stickers or labels from the device. Keep all safety signs, stickers and labels in legible condition.

The following safety signs and labels are attached to the device:

Symbols	Meaning
	This symbol located on the device indicates that the filter has to be checked and, if necessary, to be cleaned prior to each operation. Replace the filter if it is defective. Do not insert a wet filter into the device. Wait until the filter has dried.
	This symbol located on the device indicates that the water tank should be cleaned every 3 days. Change the water in the water tank every 3 days. Disconnect the device from the mains before cleaning the water tank.

This label can be found on the device in English and German:

Operate the device with the adapter supplied by the manufacturer.

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

Risk of electric shock!

The device is not protected against water.

There is a risk of electric shock!

Never use the device in areas where dripping, spraying or running water can enter the device! Never immerse the device in water!



Warning of electrical voltage

Risk of electric shock!

Risk of an electric shock if the device comes into contact with water!

Do not use this device in the immediate vicinity of bathtubs, showers or swimming pools!



Warning of electrical voltage

Before any work on the device, remove the mains plug from the mains socket!

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

Hold onto the mains plug while pulling the power cable out of the mains socket.



Warning

The liquid inside the ice packs can be harmful to health!

If the liquid was swallowed, immediately seek medical attention.

If the liquid came into contact with your eyes, rinse with water and immediately consult an ophthalmologist.

Notice

Do not operate the device without an air filter inserted into the air inlet!

Without the air filter, the inside of the device will be heavily contaminated. This can reduce the performance and result in damage to the device.

Behaviour in the event of an emergency

1. Switch the device off.
2. Disconnect the device from the mains by removing the mains plug from the socket. When doing so, be sure to hold the plug, not the cable.
3. Do not reconnect a defective device to the mains.

Information about the device

Device description

The air cooler lowers the room temperature to a comfortable degree by evaporation-based cooling.

The device is filled with cold water or optionally with ice cubes and / or ice packs in order to cool down the incoming warm air at the evaporation filter and to blow out the cold air thus generated via the fan.

Besides its cooling function, the device can also be used for air freshening: thanks to an integrated air filter and the evaporation filter's honeycomb structure, the sucked-in air is filtered and humidified.

The fan speed can be set to four stages.

The discharge direction of the cooled air can be manually adjusted via the ventilation flaps as well as via the optionally selectable automatic swing mode.

The device has a night mode enabling ultra-silent operation at bedtime.

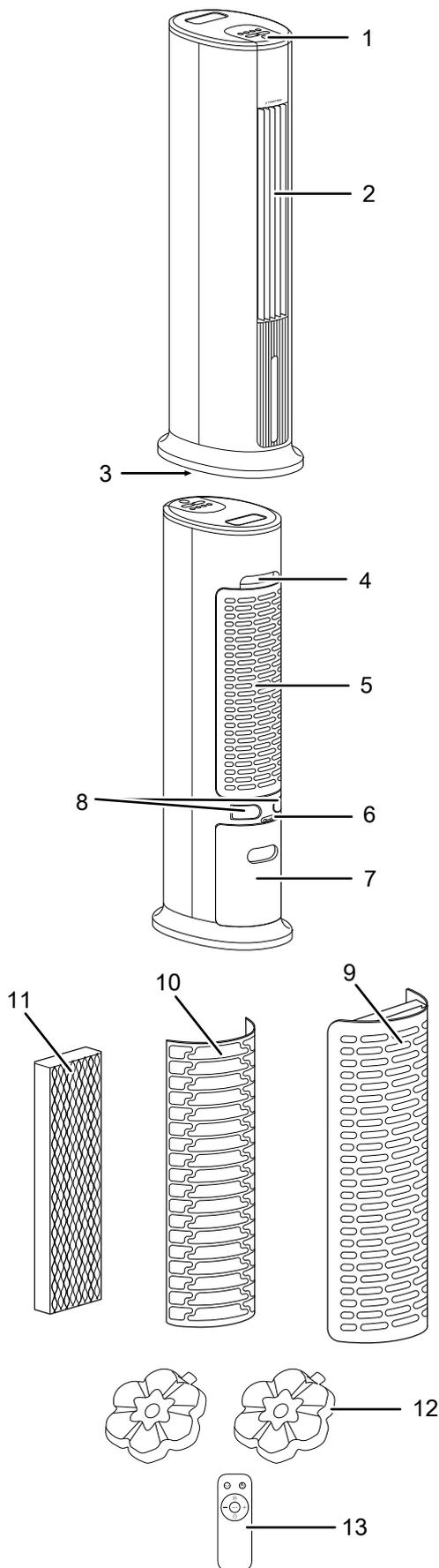
Moreover, using the timer function, the device can be switched on or off automatically with time delay.

The device can be operated via the control panel at the device or via the infrared remote control.

The device can be operated in an energy-efficient manner. If none of the operating elements have been actuated for a period of 60 seconds, the LEDs are automatically switched off.

The device is equipped with an overheating protection that switches off the air cooler in case of overheating.

Device depiction



No.	Designation
1	Control panel
2	Air outlet with ventilation flaps with swing function
3	Wheels
4	Transport handle
5	Air inlet with air filter, holder for air filter and evaporation filter
6	Locking clip for water tank
7	Water tank with filling level indicator
8	Power cable holder
9	Holder for air filter
10	Air filter
11	Evaporation filter
12	Ice packs
13	Remote control

Transport and storage

Notice

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

Note the information regarding transport and storage of the device.

Transport

To make the device easier to transport, it is fitted with wheels.

To make the device easier to transport, it is fitted with a carry handle.

Before transporting the device, observe the following:

- Switch the device off.
- Disconnect the device from the mains by removing the mains plug from the socket. When doing so, be sure to hold the plug, not the cable.
- Empty the water tank.
- Do not use the power cable to drag the device.
- Only wheel the device on firm and level surfaces.

After transporting the device, proceed as follows:

- 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).
- Allow the evaporation filter to dry prior to storage. Otherwise the device may distribute a musty smell after restart.
- Disconnect the device from the mains by removing the mains plug from the socket. When doing so, be sure to hold the plug, not the cable.

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

- Store the device in a dry location and protected from frost and heat.
- Store the device in an upright position where it is protected from dust and direct sunlight.
- If required, use a cover to protect the device from invasive dust.
- Place no further devices or objects on top of the device to prevent it from being damaged.
- Remove the batteries from the remote control.

Assembly and start-up

Scope of delivery

- 1 x Device
- 1 x Evaporation filter
- 1 x Air filter
- 2 x Ice pack
- 1 x Remote control (without batteries)
- 1 x Manual

Unpacking the device



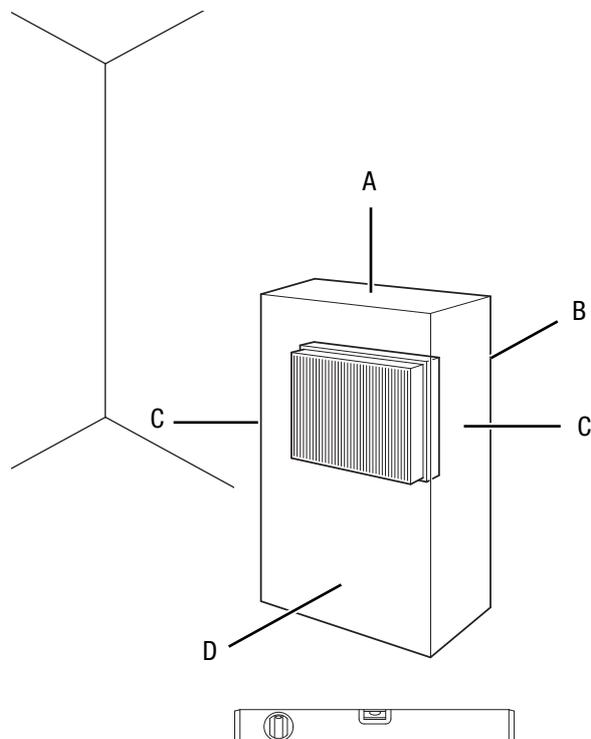
Warning

There is a danger of suffocation for children due to packaging material! Keep packaging films and parts away from children. There is a risk of death due to suffocation.

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

When positioning the device, observe the minimum distance from walls or other objects as described in the chapter Technical annex.



- Before restarting the device, check the condition of the power cable. If there are doubts as to the sound condition, contact the customer service.
- Place the device in an upright and stable position on a horizontal and stable surface.
- 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 completely unrolled.
- Make sure that no curtains or other objects interfere with the air flow.

Observe the following before operating the device after a period of non-use or after the device has been stored:

- Clean the housing and the water tank prior to recommissioning (see chapter Maintenance).

Inserting batteries into the remote control



Warning of electrical voltage

Do not touch the battery compartment with wet or damp hands.

Notice

Do not use rechargeable batteries!

1. Press the upper part on the back of the remote control and pull the battery cover off the remote control.
2. Insert the batteries into the battery compartment with correct polarity.
3. Slide the battery cover back onto the remote control.

Filling the water tank

The device requires fresh drinking water for air cooling.



Warning of electrical voltage

Before any work on the device, remove the mains plug from the mains socket!

Do not touch the mains plug with wet or damp hands. Hold onto the mains plug while pulling the power cable out of the mains socket.

Notice

Fill the device with fresh drinking water only. The water temperature must not exceed 40 °C.



Info

If possible, change the water every 3 days to prevent bacterial growth.

Observe the following when using the ice packs:

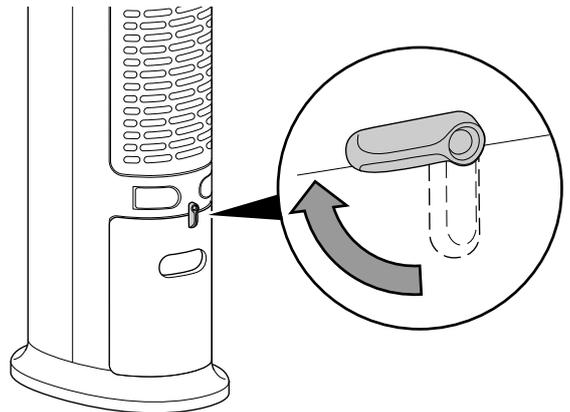
- Put the ice packs into a freezer for at least 4 hours before use.
- Put the ice packs into the water tank before filling water into the tank.



Info

When using ice packs at high outside temperatures, condensation may form at the water tank and drip onto the floor.

1. Disconnect the device from the mains before refilling water or putting ice packs into the device.
2. Release the water tank by turning the clip from its vertical position into the horizontal position.



3. Pull the water tank out a little from the device.



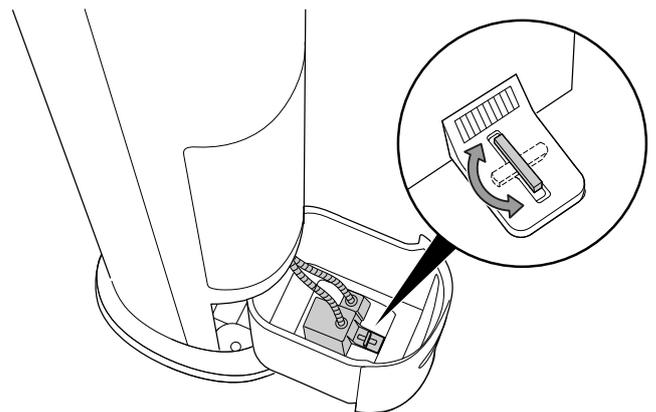
Info

There are two ways to fill the water tank:

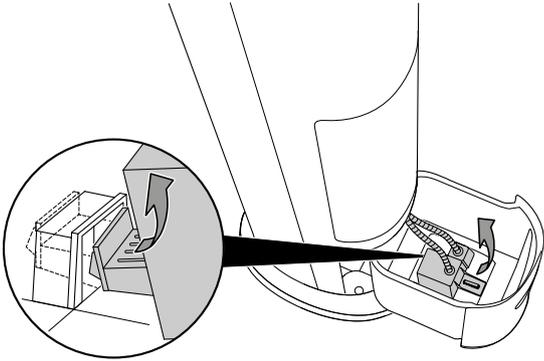
Version A: Pull the water tank out of the device as far as possible and use a suitable vessel to fill the water tank. Please note that you cannot pull the water tank completely out of the device since there is a pump installed in the water tank. Continue with step 7 in this case.

Version B: Completely remove the water tank from the device and then fill the water tank. To do so, follow steps 4 to 6.

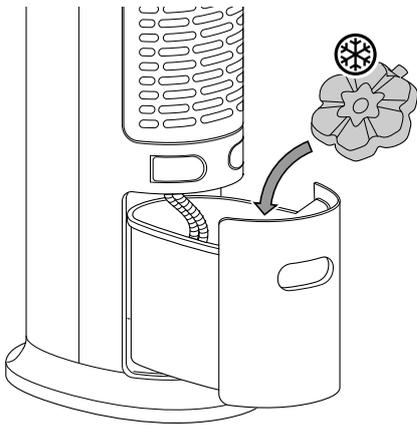
4. Release the pump and remove it from the water tank by turning the locking lever 90° in counter-clockwise direction.



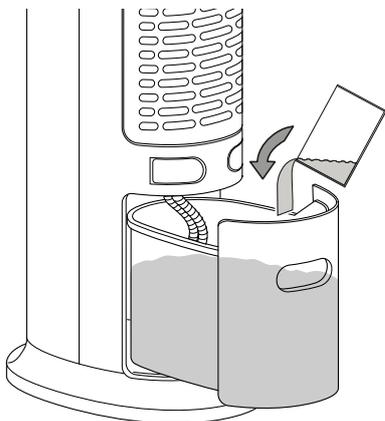
5. Take the pump out of the water tank. While doing this, make sure not to damage or loosen the connected cable or the hose attached to the pump.



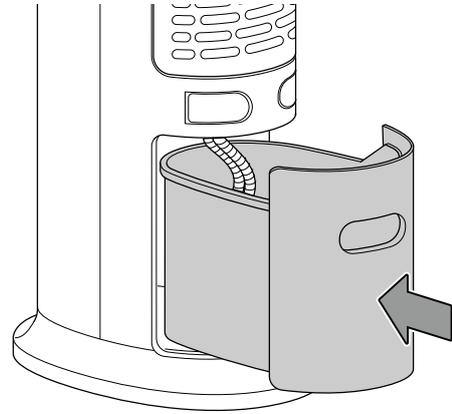
6. Remove the water tank from the device.
7. If required, put the ice packs into the water tank for additional cooling.



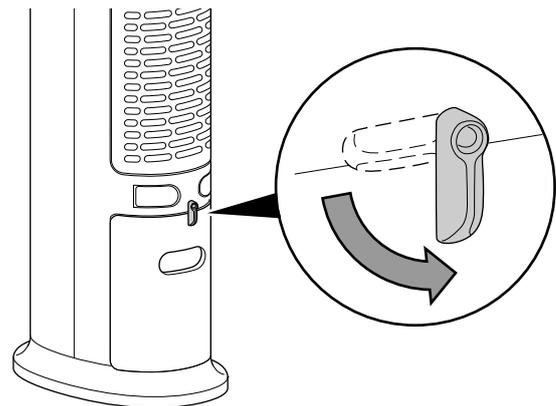
8. Fill the water tank with fresh drinking water only. Optionally, you can add ice cubes made of drinking water for additional cooling.
⇒ Observe the minimum and maximum filling level at the filling level indicator. The water tank must be filled up at least to minimum filling level to enable pump operation.



9. Reinsert the water tank into the device and, if applicable, secure the pump in the water tank by inserting the pump into the retainer and turning the locking lever 90° in counter-clockwise direction.



10. Lock the water tank by turning the clip from its horizontal position into the vertical position.



11. Make sure that the device is neither damp nor wet on the outside. Otherwise wipe it dry.

Inserting evaporation filter and air filter

Notice

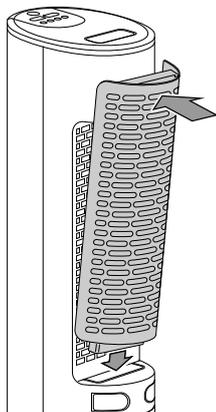
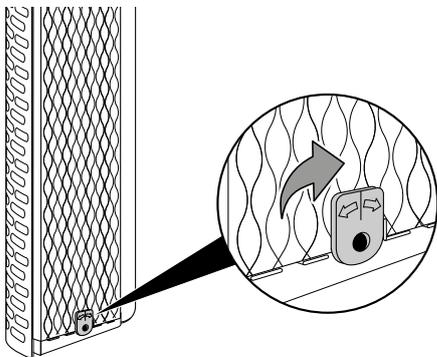
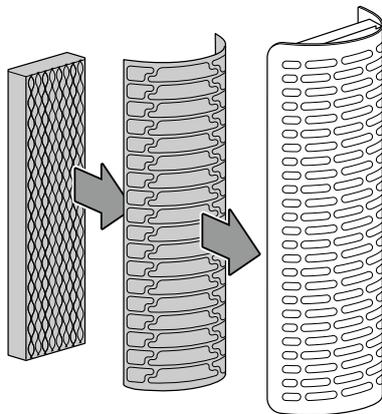
When set to air cooling mode, the device must not be operated without the evaporation filter, otherwise *cooling* will not work.

Notice

Do not operate the device without an air filter inserted into the air inlet!

Without the air filter, the inside of the device will be heavily contaminated. This can reduce the performance and result in damage to the device.

- Make sure that both the evaporation and the air filter are installed before switching the device on.



Connecting the power cable

- Insert the mains plug into a properly fused mains socket.



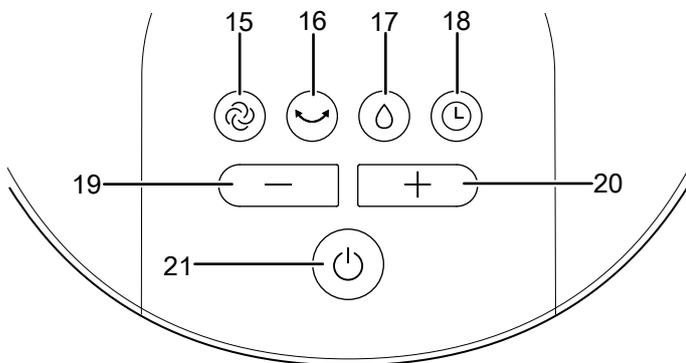
Info

An acoustic signal will be emitted; the device is now in standby mode.

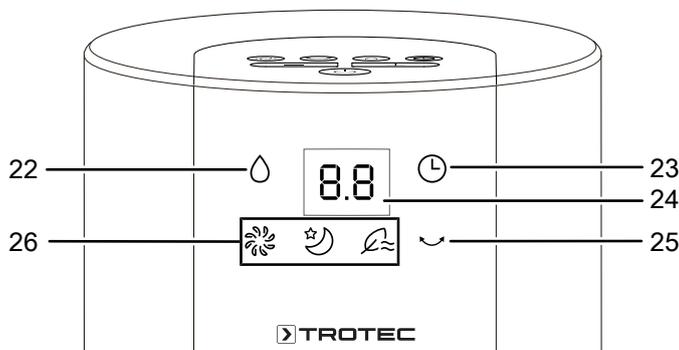
Operation

- Avoid open doors and windows.

Control panel



Display



No.	Designation	Meaning
15	Mode button	Selection button for <i>ventilation</i> , <i>air freshening</i> and <i>night mode</i>
16	Swing button	Switching the swing function on or off
17	Air cooling button	Switching the <i>air cooling</i> mode on or off
18	Timer button	Switching the timer on or off: 0.5 h – 10 h
19	Decrease value button	Setting the fan speed stages 1-4
20	Increase value button	Setting the <i>Automatic switch-on</i> timer function in increments of 0.5 hours (0.5 h to 3 h) or in increments of 1 hour (3 h to 10 h) Setting the <i>Automatic switch-off</i> timer function in increments of 0.5 hours (0.5 h to 3 h) or in increments of 1 hour (3 h to 10 h)

No.	Designation	Meaning
21	On/Off button	Switching the device on or off
22	Air cooling LED	Illuminated when <i>air cooling</i> mode is activated Flashes when water tank is empty
23	Timer LED	Illuminated when the <i>Timer</i> is activated
24	Segment display	Indication of fan speed Indication of the number of hours during timer programming
25	Swing LED	Illuminated when swing function is activated
26	Mode LEDs	Indication of the selected operating mode is illuminated: <i>Ventilation</i> <i>Night mode</i> <i>Air freshening</i>



Warning of electrical voltage

Risk of electric shock!

The device is not protected against water.

There is a risk of electric shock!

Never use the device in areas where dripping, spraying or running water can enter the device! Never immerse the device in water!

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 *On / Off* button (21) on the device.
 - ⇒ An acoustic signal is emitted.
 - ⇒ The device starts automatically.
 - ⇒ The *Ventilation* LED (26) is illuminated.
 - ⇒ The fan speed is indicated on the segment display.
 - ⇒ If none of the operating elements have been actuated for a period of approx. 60 s, the LEDs are automatically switched off.

Setting the operating mode

The device comes with the following operating modes:

- *Air cooling*
- *Ventilation*
- *Night mode*
- *Air freshening*

Air cooling

The *air cooling* mode can be switched on in addition during all other operating modes.

During *air cooling* mode, the pump is switched on and the water is distributed over the evaporation filter to cool the circulating air with water. If the water tank is empty, the *Air cooling* LED (22) flashes.

Please proceed as follows to activate *air cooling*:

- ✓ The water tank (7) must be filled up with water at least to the minimum filling level.
- 1. Press the *Air cooling* button (17).
 - ⇒ The *Air cooling* LED (22) is illuminated.
 - ⇒ The pump starts.
- 2. Use the buttons *Decrease value* (19) or *Increase value* (20) to adjust the desired fan speed.
 - ⇒ The set fan speed is indicated on the segment display.
- 3. Press the *Cooling* button (17) again to switch air cooling off.
 - ⇒ The *Sleep* LED (22) goes out.
 - ⇒ The device continues to run in the previously selected operating mode with the pump being switched off.

Notice

When *Air cooling* mode is activated, the air and evaporation filter must not be removed, otherwise the water from the filter will drip down into the device.

Ventilation

In *ventilation* mode, you can select all 4 fan speeds manually.

Please proceed as follows to activate *ventilation*:

1. Press the *Mode* button (15) until the *Ventilation* LED (26) is illuminated.
2. Use the buttons *Decrease value* (19) or *Increase value* (20) to adjust the desired fan speed.
 - ⇒ The set fan speed is indicated on the segment display (24).

Air freshening

In *Air freshening* mode, the fan speed increases and decreases alternately to generate a pleasant, natural air stream.

Please proceed as follows to activate *air freshening*:

1. Press the *Mode* button (15) until the *Air freshening* LED (26) is illuminated.
2. Use the buttons *Decrease value* (19) or *Increase value* (20) to adjust the desired fan speed.
 - ⇒ In air freshening mode, only the fan speeds stage 1 and 2 can be selected.
 - ⇒ The set fan speed is indicated on the segment display (24).

Night mode

Night mode can be activated in combination with the fan stage 1 and 2 and *air cooling*. Fan stage 3 cannot be selected in night mode.

1. Press the *Mode* button (15) until the *Night mode* LED (26) is illuminated. Also select the desired fan speed.
 - ⇒ Fan stage 1: The device runs in air freshening mode.
 - ⇒ Fan stage 2: The device operates in air freshening mode and after 30 minutes switches over to fan stage 1.



Info

If you activate *air cooling*, an alarm signal will be emitted when the water tank is empty, even in night mode.

Setting the timer

The timer has two modes of operation:

- automatic switch-on upon expiry of a preset number of hours.
- automatic switch-off upon expiry of a preset number of hours.

The number of hours can be set in increments of 0.5 hours (0 h to 3 h) or in increments of 1 hour (3 h to 10 h).

Automatic switch-on

- ✓ The device is now in standby mode.
- 1. Press the *Timer* button (18).
 - ⇒ Timer programming is activated and the LED *Timer* (23) is illuminated.
 - ⇒ The number of hours flashes on the segment display (24) for approx. 5 seconds.
- 2. Press the *Decrease value* (19) or *Increase value* button (20) until the desired number of hours is indicated on the segment display (24).
 - ⇒ The number of hours flashes on the segment display (24) for approx. 5 seconds and then indicates the set fan speed.
 - ⇒ The set operating modes (LEDs) are flashing.
- 3. Press the *Mode* button (15) to select the desired operating mode.
- 4. Press the *Air cooling* button (22) to activate or deactivate air cooling.
- 5. Press the *Swing* button (16) to activate or deactivate the swing function.
 - ⇒ The settings flash on the display for approx. 5 seconds.
 - ⇒ The timer setting equals the desired number of hours.
 - ⇒ The device automatically starts in the selected operating modes and in the set fan speed after the set number of hours has elapsed.
 - ⇒ The LEDs will switch off after approx. 60 seconds.

Notes regarding automatic switch-on:

- Timer programming is active if the LEDs are flashing on the display.
- After the display has switched off, the settings can be indicated by pressing the *Timer* (18) button.
- Manually switching the device on disables the automatic switch-on function.
- If the power supply is interrupted, the timer will be deactivated.

Automatic switch-off

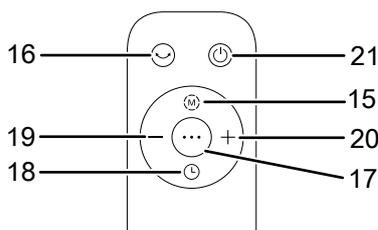
- ✓ The device is switched on.
1. Press the *Timer* button (18).
 - ⇒ Timer programming is activated and the LED *Timer* (23) is illuminated.
 - ⇒ The number of hours flashes on the segment display (24) for approx. 5 seconds.
 2. Press the *Decrease value* (19) or *Increase value* button (20) until the desired number of hours is indicated on the segment display (24).
 - ⇒ The number of hours flashes on the segment display (24) for approx. 5 seconds and then indicates the set fan speed.
 - ⇒ The timer setting equals the desired number of hours.
 - ⇒ The device switches off automatically after the set number of hours has elapsed.

Notes regarding automatic switch-off:

- Pressing the *On / Off* button (21) deactivates the automatic switch-off function.

Remote control

All settings of the device can also be made using the remote control included in the scope of delivery.



No.	Designation	Meaning
15	<i>Mode</i> button	Selection button for <i>ventilation</i> , <i>air freshening</i> and <i>night mode</i>
16	<i>Swing</i> button	Switching the swing function on or off
17	<i>Air cooling</i> button	Switching the <i>air cooling</i> mode on or off
18	<i>Timer</i> button	Switching the timer on or off: 1 h – 15 h

No.	Designation	Meaning
19	<i>Decrease value</i> button	Setting the fan speed stages 1-4
20	<i>Increase value</i> button	Setting the <i>Automatic switch-on</i> timer function in increments of 0.5 hours (0.5 h to 3 h) or in increments of 1 hour (3 h to 10 h) Setting the <i>Automatic switch-off</i> timer function in increments of 0.5 hours (0.5 h to 3 h) or in increments of 1 hour (3 h to 10 h)
21	<i>On/Off</i> button	Switching the device on or off

Swing function

The swing function can be switched on in any operating mode if required.

With the swing function being switched on, the vertical air flaps move automatically and ensure continuous air circulation.

1. Press the *Swing* button (16) to switch the swing function on or off.

Memory function

If you switch the device back on from standby mode, the settings selected for the operating mode, swing function and night mode are saved. Any activated timer will not be saved in the device.

Adding water

An empty water tank is indicated by the device with an acoustic signal and the *Air cooling* LED (22) flashing. In this case, the water tank must be refilled.

The device requires fresh drinking water for air cooling:



Warning of electrical voltage

Before any work on the device, remove the mains plug from the mains socket!

Do not touch the mains plug with wet or damp hands. Hold onto the mains plug while pulling the power cable out of the mains socket.

Notice

Fill the device with fresh drinking water only. The water temperature must not exceed 40 °C.



Info

If possible, change the water every 3 days to prevent bacterial growth.

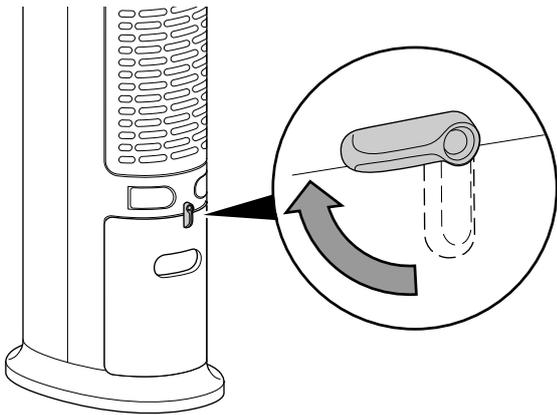
- Put the ice packs into a freezer for at least 4 hours before use.
- Put the ice packs into the water tank before filling water into the tank.



Info

When using ice packs at high outside temperatures, condensation may form at the water tank and drip onto the floor.

1. Disconnect the device from the mains before refilling water or putting ice packs into the device.
2. Release the water tank by turning the clip from its vertical position into the horizontal position.



3. Pull the water tank out a little from the device.



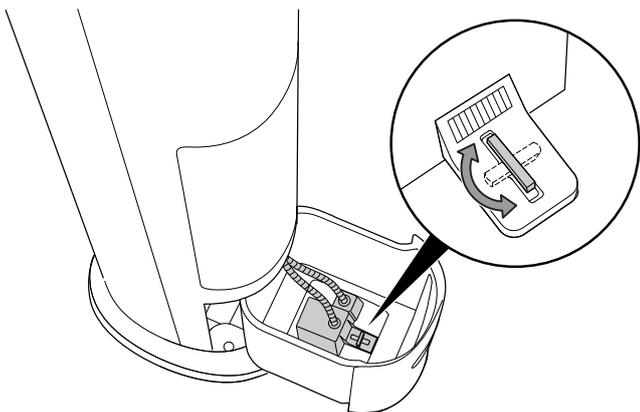
Info

There are two ways to fill the water tank:

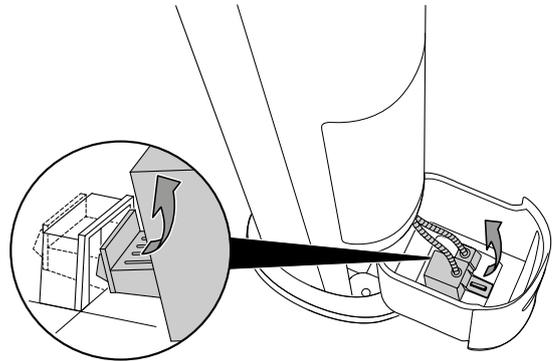
Version A: Pull the water tank out of the device as far as possible and use a suitable vessel to fill the water tank. Please note that you cannot pull the water tank completely out of the device since there is a pump installed in the water tank. Continue with step 7 in this case.

Version B: Completely remove the water tank from the device and then fill the water tank. To do so, follow steps 4 to 6.

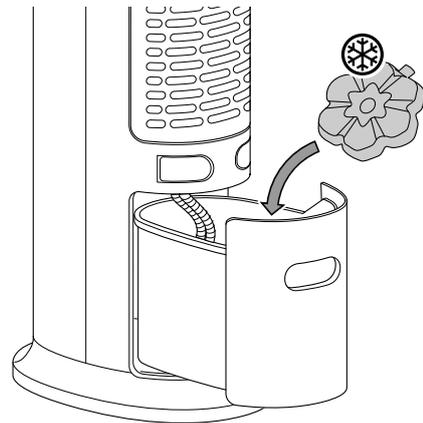
4. Release the pump and remove it from the water tank by turning the locking lever 90° in counter-clockwise direction.



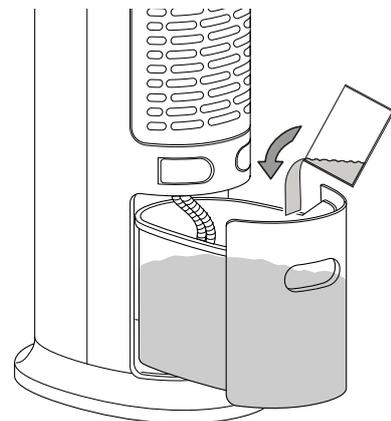
5. Take the pump out of the water tank. While doing this, make sure not to damage or loosen the connected cable or the hose attached to the pump.



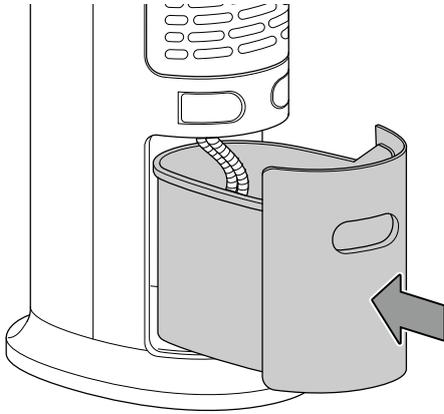
6. Remove the water tank from the device.
7. If required, put the ice packs into the water tank for additional cooling.



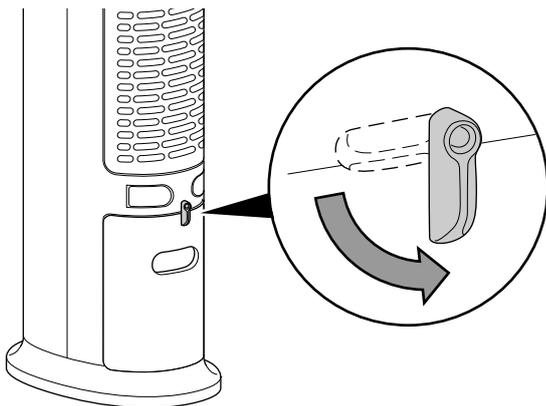
8. Fill the water tank with fresh drinking water only. Optionally, you can add ice cubes made of drinking water for additional cooling.
 - ⇒ Observe the minimum and maximum filling level at the filling level indicator. The water tank must be filled up at least to minimum filling level to enable pump operation.



9. Reinsert the water tank into the device and, if applicable, secure the pump in the water tank by inserting the pump into the retainer and turning the locking lever 90° in counter-clockwise direction.



10. Lock the water tank by turning the clip from its horizontal position into the vertical position.



11. Make sure that the device is neither damp nor wet on the outside. Otherwise wipe it dry.

Shutdown



Warning of electrical voltage

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

- Switch the device off.
- Disconnect the device from the mains by removing the mains plug from the socket. When doing so, be sure to hold the plug, not the cable.
- Empty and clean the water tank (see chapter Maintenance).
- If required, clean the device according to the "Maintenance" chapter.
- Store the device according to the Transport and storage chapter.

Available accessories



Warning

Only use accessories and additional equipment specified in the instructions. Using insertion tools or accessories other than those specified in the instructions may cause a risk of injury.

Designation	Article number
Evaporation filter PAE 30	7.710.000.044

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.

Notice

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

The device does not start:

- Check the power connection.
- Check the power cable and mains plug for damage.
- Check the on-site fusing.
- If the device is not starting, have the electricians checked by a specialist company or by the manufacturer.

The device works with reduced or no capacity:

- Check the position of the horizontal ventilation flaps. They should be opened to the maximum.
- Check the air filter for dirt. If necessary, clean or replace the air filter.
- Check the minimum distance to walls or other objects. Position the device a little more in the room's centre if required.

The device is running, but there is no air cooling or pump operation:

- Check whether *air cooling* mode is activated.
- Check the filling level of the water tank (see *Filling the water tank*).
- Check whether there are any objects blocking the pump inlet. Make sure that the pump inlet is not blocked.
- In case the pump does not operate despite a correctly filled water tank and activated air cooling mode, the pump might be defective. Please contact the customer service.
- Make sure that the pump is correctly installed and secured in the water tank (see *Filling the water tank*).

Water is leaking:

- Check the device for leaks.
- Check the water tank for tight fit.

The swing function is not working:

- The swing function motor might be defective. Please contact the customer service.

The device is loud or vibrates:

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

The device does not respond to the infrared remote control:

- Check whether the distance between remote control and device is too large and reduce it if necessary.
- Make sure there are no obstacles, such as furniture or walls, between the device and the remote control. Ensure visual contact between device and remote control.
- Check the charging status of the batteries and change them if required.
- If the batteries have just been changed, check them for correct polarity.

The device still does not operate correctly after these checks:

Contact the manufacturer's customer service. If necessary, take the device to an authorised specialist electrical company or to the manufacturer for repair.

Error codes

The following error messages can be displayed on the segment display:

Error code	Cause	Remedy
E0	Error in the control circuit board	Disconnect the device briefly from the mains. Should the error still be displayed after the restart, please contact the customer service.
P3	Holder for air filter not inserted	Insert the holder for the air filter. Do not operate the device without an inserted evaporation and air filter!

Maintenance

Maintenance intervals

Maintenance and care interval	before every start-up	as needed	every 3 days	at least every 2 weeks	at least every 4 weeks	at least annually
Clean the water tank			X			
Check air inlets and outlets for dirt and foreign objects and clean if necessary	X				X	
Clean the exterior		X				X
Visually check the inside of the device for dirt		X				X
Check the air filter for dirt and foreign objects and clean if necessary	X			X		
Replacing the evaporation filter		X				
Check for damage	X					
Check the attachment screws		X				X
Test run						X

Maintenance and care log

Device type:

Device number:

Maintenance and care interval	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Clean the water tank																
Check air inlets and outlets for dirt and foreign objects and clean if necessary																
Clean the exterior																
Visually check the inside of the device for dirt																
Check the air filter for dirt and foreign objects and clean if necessary																
Replacing the evaporation filter																
Check for damage																
Check attachment screws																
Test run																
Remarks:																

1. Date: Signature:	2. Date: Signature:	3. Date: Signature:	4. Date: Signature:
5. Date: Signature:	6. Date: Signature:	7. Date: Signature:	8. Date: Signature:
9. Date: Signature:	10. Date: Signature:	11. Date: Signature:	12. Date: Signature:
13. Date: Signature:	14. Date: Signature:	15. Date: Signature:	16. Date: Signature:

Activities required before starting maintenance



Warning of electrical voltage

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

- Switch the device off.
- Disconnect the device from the mains by removing the mains plug from the socket. When doing so, be sure to hold the plug, not the cable.

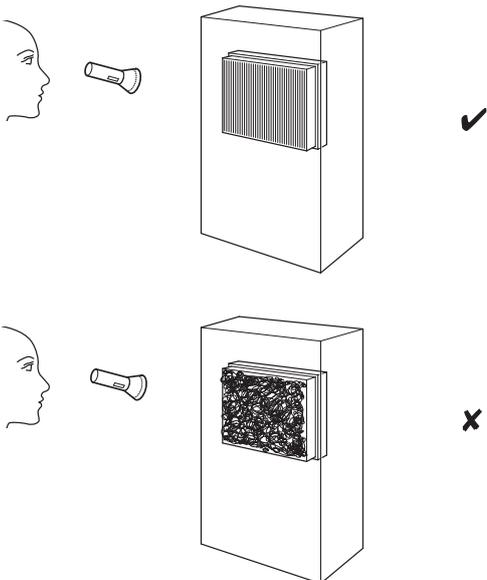


Warning of electrical voltage

Tasks which require the device to be opened must only be carried out by authorised specialist companies or by the manufacturer.

Visual inspection of the inside of the device for dirt

1. Remove the air filter.
2. Use a torch to illuminate the openings of the device.
3. Check the inside of the device for dirt.
4. If you see a thick layer of dust, have the inside of the device cleaned by a specialist electrical company or by the manufacturer.
5. Put the air filter back in.



Cleaning the housing

Clean the housing with a soft, damp and lint-free cloth. Make sure 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



Warning



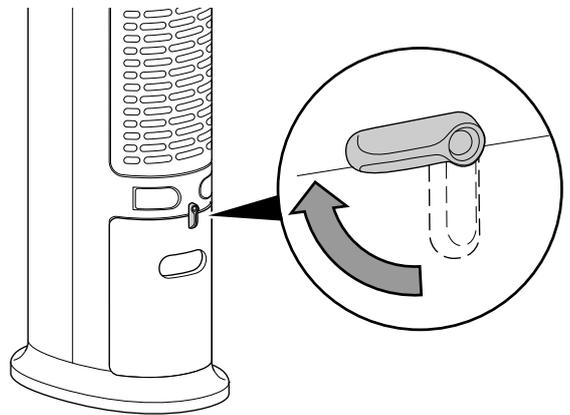
Use citric acid as cleaning/descaling agent for the water tank. Always wear gloves and protection glasses when cleaning the device since the acid may have caustic effects. Additionally, please observe the manufacturer's specifications and hazard warnings for citric acid.

Notice

Clean the device with citric acid if you detect visible signs of limescale. To clean the device, heat it to max. 40 °C. Otherwise, the formation of citrate may cause damages to the device.

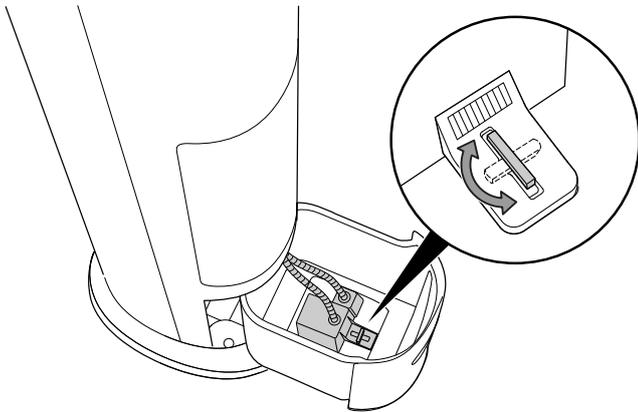
The water tank should be cleaned every 3 days if actively used. Empty and clean the water tank before a longer period of non-use or storage and prior to recommissioning (e.g. if the unit has been stored for several months and is dusty).

1. Release the water tank by turning the clip from its vertical position into the horizontal position.

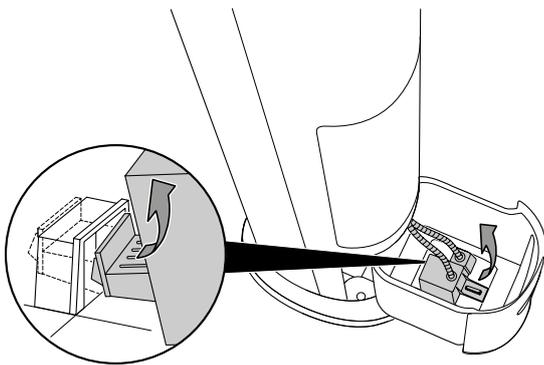


2. Pull the water tank out a little from the device.

3. Release the pump and remove it from the water tank by turning the locking lever 90° in counter-clockwise direction.

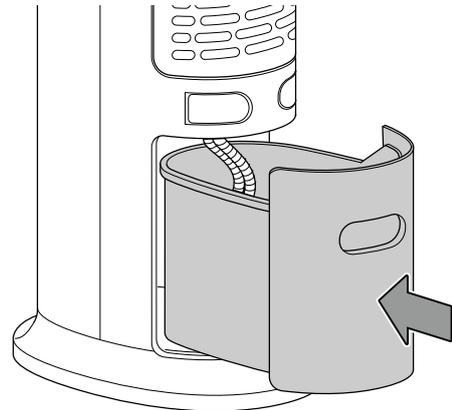


4. Take the pump out of the water tank. While doing this, make sure not to damage or loosen the connected cable or the hose attached to the pump.

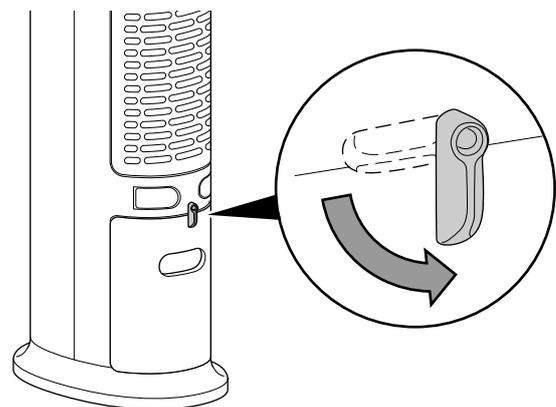


5. Remove the water tank from the device.
6. Clean the tank with citric acid. Allow the citric acid to work for max. 20 minutes.
7. Rinse the inside of the device with water and remove limescale from the water tank.
8. Dry the inside of the tank with a lint-free cloth.
9. Fill the water tank with fresh drinking water if you want to continue operation (see chapter Adding water).
10. Refit the water tank into the device.

11. Secure the pump in the water tank by inserting it into the retainer and turning the locking lever 90° clockwise.



12. Lock the water tank by turning the clip from its horizontal position into the vertical position.



Cleaning the air filter

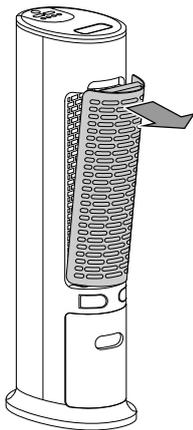
The air filter has to be cleaned as soon as it is dirty. This is brought to light e.g. by a reduced capacity (see chapter Errors and faults).



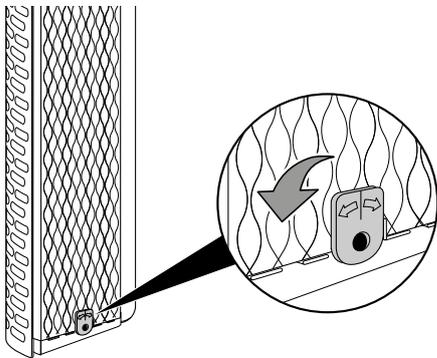
Warning

Ensure that the air filter is not worn or damaged. The corners and edges of the air filter must not be deformed or rounded. Before reinserting the air filter, make sure that it is undamaged and dry!

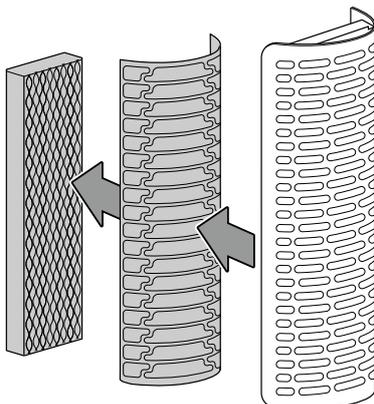
1. Remove the air filter from the device.



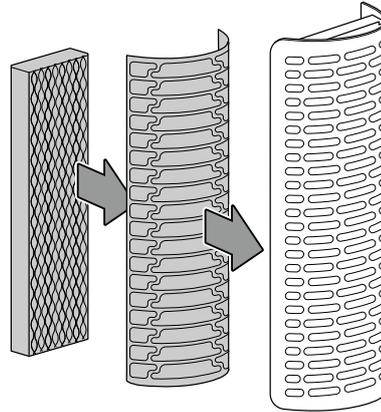
2. Open the filter lock.



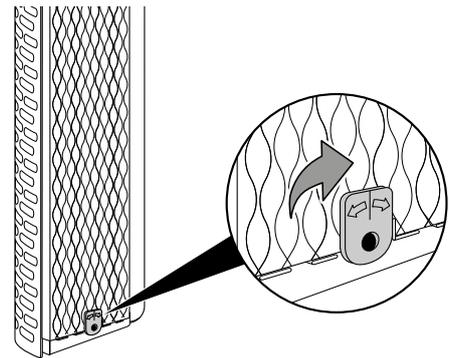
3. Remove the evaporation filter from the air filter.
4. Remove the air filter from the retainer.



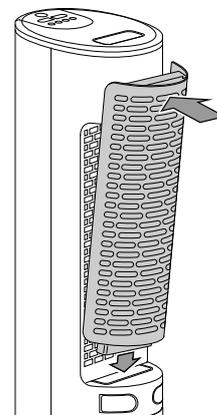
5. Clean the filter using a slightly damp, soft, lint-free cloth. If the air filter is heavily contaminated, clean it with warm water mixed with a neutral cleaning agent.
6. Allow the filter to dry completely. Do not insert a wet filter into the device!
7. Reinsert the air filter into the retainer.
8. Reinsert the evaporation filter to the air filter.



9. Close the filter lock.



10. Reinsert the air filter into the device.



Replacing the evaporation filter

Notice

When set to air cooling mode, the device must not be operated without the evaporation filter, otherwise *cooling* will not work.

Notice

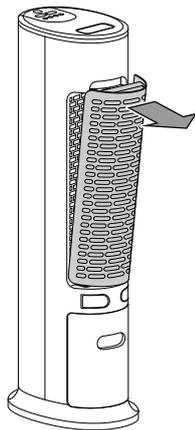
Do not operate the device without an inserted air filter! Without the air filter, the inside of the device will be heavily contaminated. This could reduce the performance and result in damage to the device.

The evaporation filter should be replaced in case of heavy soiling.

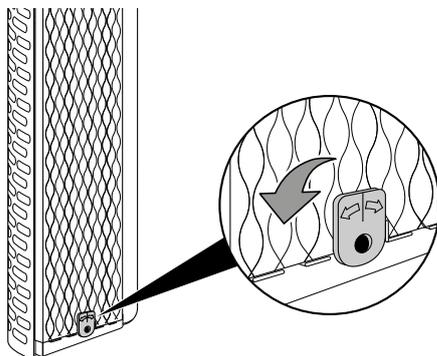
In standard operation, the interval for replacing the evaporation filter is approx. 1 year.

Allow the evaporation filter to dry before removing it from the device.

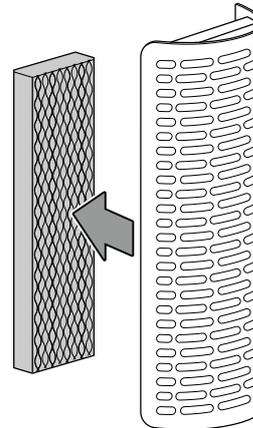
1. Remove the holder for the air filter from the device.



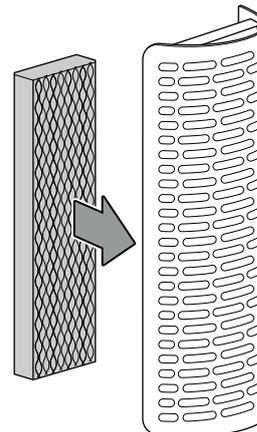
2. Open the filter lock.



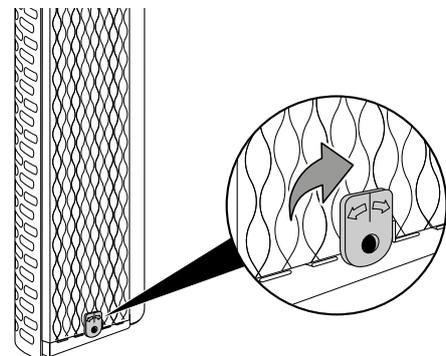
3. Remove the evaporation filter from the holder for the air filter.



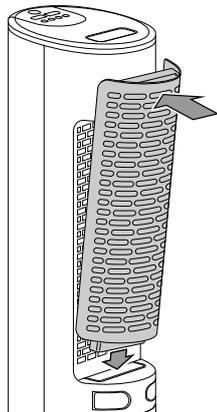
4. Dispose of used evaporation filter according to the national regulations.
5. Insert the new evaporation filter into the holder for the air filter.



6. Close the filter lock.



7. Insert the evaporation filter and the holder for the air filter with the air filter into the device.



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 Transport and storage chapter.

Technical annex

Technical data

Parameter	Value
Model	PAE 30
Evaporation capacity	800 ml/h
Air flow rate	500 m ³ /h
Mains connection	220–240 V / 50 Hz
Nominal current consumption	0.3 A
Power consumption	65 W
Fuse	AC 250 V, 2 A
Sound pressure level (1 m distance)	60 dB(A)
Water tank capacity	7 l
Weight	10.5 kg
Dimensions (length x width x height)	345 x 270 x 1050 mm
Minimum distance to walls and other objects:	
top (A):	100 cm
rear (B):	100 cm
sides (C):	100 cm
front (D):	100 cm
Remote control batteries	Type AAA 1.5 V

Information requirements for comfort fans according to Regulation (EU) No 206/2012:

PAE 30

Parameter	Symbol	Value	Unit
Maximum fan flow rate	F	37.2	m ³ /min
Fan power input	P	58.3	W
Service value	SV	0.64	(m ³ /min)/W
Standby mode power consumption	P _{SB}	-	W
Fan sound power level	L _{WA}	61.74	dB(A)
Maximum air velocity	c	4.01	m/s
Measurement standard for service value	EN IEC 60879:2019		
Contact details for obtaining more information	Trotec GmbH · Grebbener Straße 7 · 52525 Heinsberg		

Disposal

Always dispose of packing materials in an environmentally friendly manner and in accordance with the applicable local disposal regulations.



The icon with the crossed-out wheeled bin indicates that this device and any associated components (e.g. remote controls) must not be disposed of with household waste at the end of their life, in accordance with the Waste Electrical and Electronic Equipment Directive (2012/19/EU) and national laws.

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. You can also find out about other return options that apply for many EU countries on the website <https://hub.trotec.com/?id=45090>. Otherwise, please contact an official recycling centre for electronic and electrical equipment authorised for your country.

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.



This icon with the crossed-out wheeled bin indicates that batteries or accumulators must not be disposed of with household waste at the end of their life. If the device contains batteries or accumulators that contain mercury, cadmium or lead, the respective chemical symbol (Hg, Cd or Pb) is shown below the icon of the crossed-out wheeled bin. To prevent environmental pollution, do not carelessly leave batteries or electrical and electronic equipment containing batteries in public areas. In the European Union, batteries and accumulators must be returned to a designated collection point in accordance with REGULATION (EU) 2023/1542 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 12 July 2023 concerning batteries and waste batteries. Remove batteries/accumulators and dispose of them separately according to the relevant legal requirements.

Only for United Kingdom

According to Waste Electrical and Electronic Equipment Regulations 2013 (SI 2013/3113) (as amended) and the Waste Batteries and Accumulators Regulations 2009 (SI 2009/890) (as amended), devices that are no longer usable must be collected separately and disposed of in an environmentally friendly manner.

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