

Operating instructions

Misting Fan 64850

wiltec



Illustration similar, may vary depending on model

Please read and follow the operating instructions and safety information prior to initial operation.

Technical changes reserved!

Illustrations, functional steps, and technical data may deviate insignificantly due to continuous further developments.



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service@wiltec.info

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To return your goods for exchange, repair, or other purposes, please use the following address. Attention! To allow for a trouble-free complaint or return, it is important to contact our customer service team before returning your goods.

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Introduction

Thank you for choosing to purchase this quality product. To minimise the risk of injury, we ask you to always take some basic safety precautions when using this product. Please read this operating manual carefully and make sure that you understand it.

Keep these operation instructions in a safe place.

Intended use/properties of the product

- This product combines a misting function and a blower. These functions can be used simultaneously or separately and can be rotated through 360°.
- **Misting unit:** The ultrasonic nebuliser uses electron high-frequency oscillation with a frequency of 1.7 MHz or 2.4 MHz, which is outside the range of human hearing. The oscillations are harmless to human beings and animals. The high-frequency resonance of the ceramic nebulisation plate breaks up the structure of the liquid water so that a natural water mist is produced without the need to heat the water or add chemical reagents. The device effectively removes formaldehyde, carbon monoxide, bacteria, and other harmful substances, purifying the air and reducing the incidence of disease.

Safety instructions

General remarks

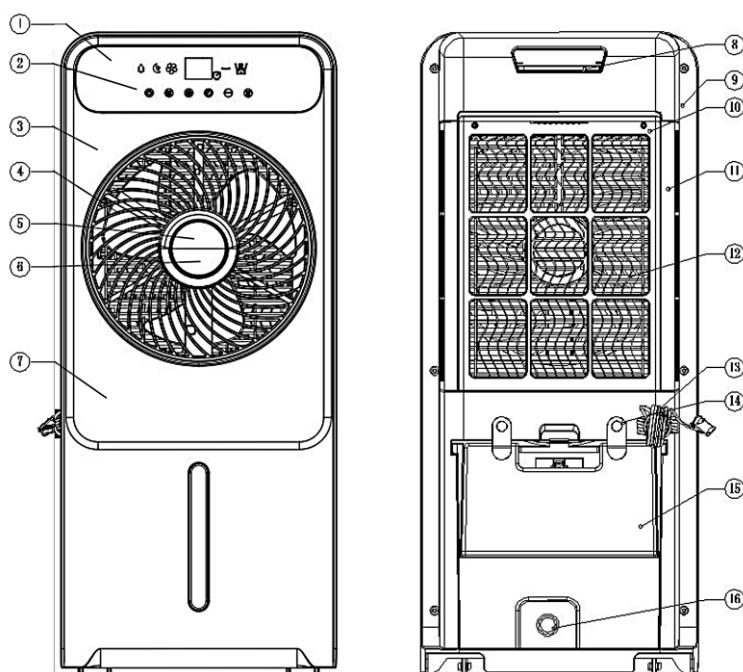
- This fan is designed for a 220-V/50-Hz power connection.
- Disconnect the mains plug before cleaning or transporting the fan. Do not pull the plug out of the socket by the cable or with wet hands. **Danger of electric shock!**
- Ensure that the power cable is not damaged, excessively bent, stretched, knotted, or strained. Never operate the device if you notice any damage to the power cable or mains plug. For safety reasons, damaged power cables and plugs may only be replaced by a qualified electrician in order to avoid hazards.
- Do not insert any foreign objects or limbs into the input or output. This can lead to injuries and/or reduce the air flow.
- Do not operate this device in areas exposed to explosion hazards.
- Avoid dripping water and proximity to fire. Ensure that no flammable or explosive objects are sucked in.
- Clean the fan with a cleaning fluid. Let the device dry off after cleaning it with a damp material. Do not operate it as long as it is wet.
- Do not expose the device to direct water jets.
- Do not spray any pesticides or cleaning agents on the fan to prevent damage to the rubber coating.
- If the fan will not be used for a longer period of time, set all switches to "Off," pull the plug out of the socket, and remove the battery.
- Do not try to repair the device yourself. All repair work must be done by an expert.
- Do not sit nor stand on the device.
- This product is not a toy. Keep children and pets at a safe distance. Only use the device under supervision.
- Check the device and all connecting parts for functionality and completeness before each use. Should the device or one of the hoses connected be damaged, it must not be used any longer.
- When setting up the device, ensure that it is positioned at a safe distance from walls and objects.
- Ensure that the air inlet and outlet are always free of dirt and other blockages.
- Never drink the water from the water tank. There is a health risk.
- The water in the water tank should be changed regularly (approx. every 3 days). Otherwise, microorganisms can form that pose a health risk.
- Only fill the water container with fresh drinking water, ice cubes made from drinking water, and/or suitable ice packs.
- Keep the ice packs away from children and animals.

- Cold packs must never be opened. The liquid in the ice packs can be harmful to your health.
- Ice that may form on the ice packs must not be eaten. There is a health risk.

Safety of use

- Only use the device to cool the air indoors. Observe all instructions in the user's manual.
- Place the fan on a level surface. It must not be operated in a slope or lying position.
- If you want to transport the device, disconnect the mains plug from the power supply beforehand. Then pick it up by the rear handle.
- Only transport the device in an upright position and with the water tank empty.
- Do not use the device in locations with high humidity, heavy dust accumulation, or temperatures above 40 °C.
- Never insert limbs or foreign objects through the guards.
- Do not place any objects (e.g., items of clothing) on the device.
- Do not operate the device in explosive areas.
- Do not make any technical modifications to the compressor.
- Always operate the device properly. Improper operation increases the risk of accidents and injuries.
- Maintenance and repair work that requires the housing to be opened may only be carried out by a qualified electrician.
- Always keep the device out of children's or infirm persons' reach. It must not be operated without supervision.

Main parts



No	Name	No	Name	No	Name
1	Control panel	7	Front panel	13	Power cord
2	Touch button	8	Remote control	14	Water-tank lock
3	Decorative panel	9	Rear cover	15	Water tank
4	Front guard	10	Rear guard	16	Drain cover
5	Rear misting plate	11	Side guard		
6	Front misting plate	12	Water filter		

Use

1. Fill the water tank with water. Place the water tank on the installation point. Make sure that the water tank is safely attached to the rear cover (see Fig. 1).
2. Place the device on a level surface, insert the plug into the socket, and press the on/speed button to switch the appliance on (see Fig. 2).



Figure 1

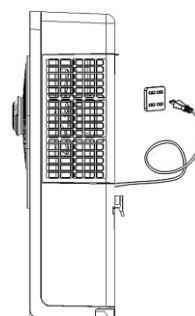
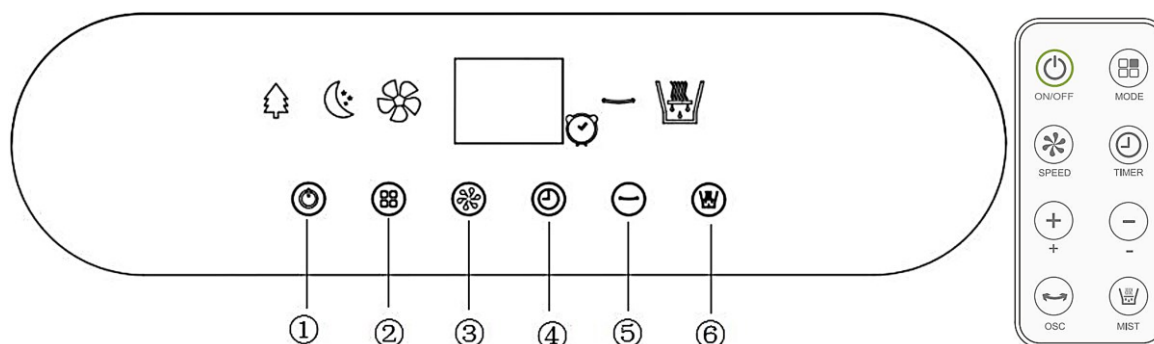


Figure 2

Operational components



No	Name	Description
1	ON/OFF button	Press the ON/OFF button. The fan speed is set to level 5 and normal airflow as standard. A corresponding symbol lights up. Press the ON/OFF button again to switch off all functions.
2	Mode	When the fan is switched on, press this button to change the type of air flow; there are three setting options: normal – natural – sleep. A corresponding symbol lights up.
3	Speed	Press this button to change the speed of the air flow. After switching on, the speed is set to level 5. It can then be set to a level going from 1 (lowest level) to 12 (highest level).
4	Timer	When the fan or mist function is switched on, press this button to measure the time. The H and timer symbol with 1 h are displayed on the screen, the timer symbol changes in the sequence <i>1 hour → 2 hours → 3 hours → 9 hours → time control off.</i> When the set time has elapsed, the fan stops rotating. The ventilation flaps are closed and the entire device is switched off.
5	Oscillation	Press this button for the first time for a clockwise rotation. The corresponding indicator lights up. Press the button again so that the fan rotates anti-clockwise. Press the button again to switch off the rotation.
6	Misting unit	Press this button to start the mist function. The corresponding icon lights up.



- **Automatic switch-off:** The device switches off automatically after 10 hours if no button is pressed.
- **Switch-on:** After inserting the plug into the socket, a beep sounds and the operating indicator on the FND display panel lights up.

Using the remote control

- The buttons on the remote control work in the same way as the buttons on the control panel.
- The range of the remote control is approx. 5 m, the working angle 30–45°.
- If the remote control does not work even very close to the device, replace the battery.
- The remote control is not a toy. Never allow children to play with it.

Maintenance and storage

- Disconnect the mains plug from the power supply before cleaning.
- Clean the water tank and the misting unit once every fortnight as follows:
 - **Water tank:** Remove the water tank from the insert, spray water into the water tank, and remove stains by shaking vigorously. Then allow the tank to dry by itself.
 - **Misting unit:** Pull the plug out of the socket to disconnect the power supply. Disconnect the misting hose from the misting unit and remove the unit. Apply 2–3 drops of cleaning agent to the fitting part, clean the fitting part after 1 min with a brush, wash off the cleaning agent, and dry the fitting part with a soft, dry cloth. Wipe off the dust and stains on the device with a soft, damp cloth. If the device is very dirty, we recommend cleaning it with a neutral cleaning agent, especially if the ventilation flaps are dirty.
- Do not use corrosive cleaning agents, petrol, alcohol, etc. to clean the plastic parts to avoid deformation or damage.
- Before storing, make sure that there is no water in the water tank. Place the device in the box and store it in a dry place with sufficient air circulation.

Technical specifications

Description	Symbol	Value	Unit
Maximum fan flow rate	F	15.62	m ³ /min
Fan power input	P	27.6	W
Service value	SV	0.57	(m ³ /min)/W
Off power consumption	P _{off}	0.48	W
Fan sound power level	L _{WA}	61	dB (A)
Maximum air velocity	c	2.62	m/s
Seasonal electricity consumption	Q	9.37	kWh/a
Measurement standard for service value	IEC 60879:2019 EN 60704-1:2010 +A11:2012 EN 60704-2-7:2020		



Regulations for waste disposal

The Waste Electrical and Electronic Equipment Directive (WEEE Directive, 2012/19/EU) of the EU was implemented in the German law related to electrical and electronic equipment and appliances.

All WilTec electric devices that fall under the WEEE directive are labelled with the symbol of a crossed-out wheeled rubbish bin. This symbol indicates that this electric device must not be disposed of with the domestic waste.

WilTec Technik GmbH is registered with the German registration authority EAR (Stiftung Elektro-Altgeräte Register) under the WEEE-registration number DE45283704.

Disposal of used electrical and electronic devices (intended for use in the countries of the European Union and other European countries with a separate waste collection system for these devices).

The symbol on the packaging or the product itself indicates that this product must not be treated as normal domestic waste but must be disposed of at a recycling collection station for electrical and electronic waste.

By disposing of this product correctly, you contribute to the protection of the environment and the health of your fellow people. Inappropriate disposal threatens the environment and health.



Material recycling helps to reduce the consumption of raw materials.

Additional information about the recycling of this product can be provided by your local commune, the municipal waste disposal facilities, or the store where you purchased the product.

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