



# AIS-WTSO01

## Domestic Air Treatment

### User Manual

Ver: 1.01



Certified by:



## Introduction and principle of the product

This ozone purifier is specially designed for domestic use, to obtain disinfection and sterilization of the ambient air. It provides the right amount of ozone for air treatment to kill bacteria, remove bad odors and remove harmful gases. This equipment works at low voltage (12V DC).

Ozone is a powerful oxidant. The O<sub>3</sub> molecule is very unstable and combines with other substances to oxidize them quickly. Therefore, it has many industrial and consumer applications related to oxidation.

## Specifications

<b>Model</b>	AIS-WTSO01	<b>Ozone output - Dry Air (RH 30%)</b>	300 mg/H to 2.5L/ min
<b>Input voltage</b>	100 - 240 V AC	<b>Ozone output - Ambient Air (RH 85%)</b>	230 mg/H to 2.8L/ min
<b>Output voltage</b>	12 V DC	<b>Supply gas</b>	Ambient Air
<b>Consume</b>	< 12 W	<b>Operating temperature</b>	0 - 60°C
<b>Dimension</b>	223 x 162.5 x 54.5 mm	<b>Material</b>	Plastic ABS
<b>Weight</b>	0.96 kg	<b>Power cord length</b>	120 cm

## Precautions to be taken before use

- 1 - Remove the equipment from the packaging and check if it includes all components.
- 2 - Please read the User Manual carefully.
- 3 - Do not let water into the equipment. Do not install the equipment near water sources.
- 4 - Install the equipment on the wall at a Safety height to ensure it is out of reach of children.
- 5 - Make sure the equipment is correctly installed, vertically.
- 6 - Do not use the equipment if the cover is removed.
- 7 - Do not perform any maintenance with the equipment connected to electricity.
- 8 - Check if the air intake, in the rear, and other ventilation holes are clear.
- 9 - Do not insert any objects into the equipment.
- 10 - Use a soft cleaning cloth. Do not clean this appliance with chemical or abrasive cleaning products.
- 11 - Do not breathe ozone directly. Avoid contact between the air outlet and the nose.

## Equipment structure

EN



Front



Back



Bottom



## Applications

1 - *Eliminates bacteria, fungi, microorganisms and viruses* - Ozone is an oxidizing agent capable of effectively oxidizing more than 99% of bacteria, fungi, microorganisms and viruses.

2 - *Complete space disinfection* - Ozone is one of the most powerful disinfectants, 100% natural and dispenses the addition of any chemicals. Being a gas disinfection system, it allows efficient disinfection of all corners of a space, including the base of furniture and desks that are usually forgotten. The Domestic Air Treatment is the ideal system to disinfect rooms, bedrooms, kitchens, or any domestic area or reduced spaces effectively and completely.

3 - *Removes obsolete odours and odours* - The Domestic Air Treatment produces ozone, a powerful oxidizing agent, which will oxidize harmful toxic elements and organic odours in the air, removing bad odours and reducing their toxicity without any secondary pollution.





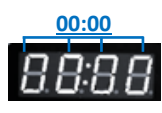







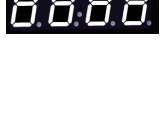



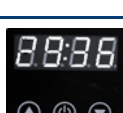
4 - *Removes dust, pollens and germs* - Domestic Air Treatment allows you to eliminate dust, smoke and pollen particles, which give rise to allergies. Ozone is a powerful oxidizing agent that kills various bacteria and germs in the air.

## Operation Mode

- 1 - Remove the equipment and power cord from the box.
- 2 - Place the equipment in a vertical position, preferably fixed to a wall (using the suction cups or the Fastening System) to ensure that the ozone outlet is not blocked.
- 3 - Turn on the power cord. They will light four dots on the display, which means the device is on. Adjust the operation according to your need.
- 4 - After finishing using the equipment, turn off the power cord. The display will be completely erased, which means the device is off.
- 5 - The equipment allows two operation options:
  - Mode A: Single Operation
  - Mode B: Automatic Operation

## Mode A: Single Operation

Confirm that there are no people or animals in the room to be disinfected (some plants are not ozone-resistant so to raise the concentration to levels of disinfection you should remove them from space). Close all doors or windows.

Diagram	Display	Description	Instructions
		Totally OFF	OFF
		Four dots ON	Connect the equipment to the electric current.
		00:00	Press the button  to start Single Mode. The 00:00 timer (MM:SS) will light up on the display.
		MM:SS	Press to  start the adjustment, the digits will blink. Press  again to increase the running time (increases 5 minutes with each selection to a maximum of 30 minutes). Press  to decrease the operating time (reduces minute to minute with each selection, to a minimum value of 0 minutes).
		MM:SS (minutes & seconds) ON	Press the button  again to confirm the adjustment. The equipment will start producing ozone immediately, so you should leave the room and close the door.
		00:00	Standby (in pause) At the end of the time, the equipment will go into standby mode, with the timer at 00:00.

You can return to the room after 30 minutes after the ozone dissipation time in the room.

**Note:** Do not breathe the ozone directly. After turning on the equipment leave the space immediately and return only to turn off the equipment. According to OSHA standards, it should not remain in a space where ozone is being produced for more than 1 minute per 30 m<sup>2</sup>.

### Mode B: Automatic Operation

Confirm that there are no people or animals in the room to be disinfected (some plants are not ozone-resistant so to raise the concentration to levels of disinfection you should remove them from space). Close all doors or windows.

EN

Diagram	Display	Descriptions	Instructions
		Totally OFF	OFF
		Four dots ON	Connect the equipment to the electric current.
		OF:ON	To start the auto mode, press the buttons  and . The display will be on OF:ON (HH:MM).
		OF:MM (MM operating time to be configured in minutes)	Press the button  to adjust the setting. The last two digits will start flashing (ON) so that the working time can be adjusted. Press  to increase the working time (add 5 minutes to each pressure, up to a maximum of 30 minutes) and press  to reduce the working time (reduces minute to minute at each pressure, down to zero).
		H.H:MM (H.H for pause MM for operating time)	Press  to adjust the pause time. The first two digits (OF) will start flashing. Press  to increase the pause time [increases 0.5/1 hour (30 minutes) to each selection, up to a maximum of 24 hours]. Press  to decrease the pause time [reduces 0.1/1 hour (6 minutes) for each selection to a minimum value of zero].

### Mode B: Automatic Operation (cont.)

Diagram	Display	Description	Instructions
		<p>H.H:MM</p>	<p>Press the button  again to confirm the setting. When :MM(ON) is at 00, the equipment stops producing ozone. The :MM (ON) display will show the duration time of the NEXT cycle, during this time H.H: (OF) will start the countdown to the next cycle. When H.H: (OF) is at 0.0, the equipment will again produce ozone. As long as H.H: is counting down, the equipment does not produce ozone.</p>
		<p>OF:ON</p>	<p>When you need to reconfigure the working and pausing period in Auto Mode, press the button  again until the display is in OF:ON.</p>
		<p>Four dots ON</p>	<p>To access Mode A, Single Operation, press the buttons   simultaneously and exit Auto Mode.</p>

The equipment will start producing ozone according to the programmed times. At the end of time, the equipment will stop producing ozone.

Ensure that the disinfection schedule is for periods when no one is in space and ensures the end of the cycle with a minimum safety interval of 30 minutes before someone returns to space to fully dissipate ozone in the air.

You can return to the room after 30 minutes after the ozone dissipation time in the room, at the end of that period, if you want, unplug the equipment from the electric current.

**Note:** Do not breathe the ozone directly. After turning on the equipment leave the space immediately and return only to turn off the equipment. According to OSHA standards, it should not remain in a space where ozone is being produced for more than 1 minute per 30 m<sup>2</sup>.

## Failure Analysis

Flaw	Analysis	Solution
The equipment does not turn on	The power cord is disconnected	Reconnect the power cord.
	Fluxo de água reduzido.	Aumente o fluxo de água.
Abnormal noise	See if there are any foreign objects inside the equipment.	Gently shake the machine and remove the material.
	Wrongful fixation to the wall	Check the condition of the fixture to the wall and correct it.
For other failures, request professional maintenance with the purchase invoice or guarantee card or return the equipment to the manufacturer for maintenance.		

## Garantee

1 - This equipment has 2 years free guarantee from the date of delivery, for any defects of material or workmanship in normal household use. Please present the invoice and guarantee card. Wear material is not included in the guarantee coverage.

2 - The guarantee is granted only to the original buyer and members of his immediate family. The guarantee is subject to the following provisions. Any damage or malfunction caused by negligence, abuse or otherwise by the User Manual is not covered by this guarantee. Similarly, any defects or damages caused by unauthorized services or the use of parts that are not genuine, specified, are not covered.

3 - Under guarantee, we are committed to the repair or replacement of equipment or parts that present a problem. As a matter of warranty policy, the value of the equipment will not be refunded. At the time of purchase, register the guarantee card that follows with the seller's details.

4 - To trigger the guarantee service, you must return the equipment along with proof of purchase directly to our company or an authorized distributor. All costs of transporting submitted equipment parts not covered by this guarantee shall be the responsibility of the buyer.



### Guarantee Card

Full Name		Phone	
Address			
Receipt no.		Purchase date	
Maintenance Record			
Maintenance Date			
Analysis			
Result			
Clerk Signature			



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