

**OZOFRESH™**

FRESH AIR ON DEMAND.

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CATALYST 10

EN Instruction Manual



CE

Ozofresh_Catalyst10_V2

YOUR NEW CATALYST 10

The Catalyst 10 produces a measured amount of ozone which neutralizes odours and other pollutants in the air and nearby surfaces by breaking up their molecular structures. Once the ozone has done its work, the residual ozone reverts back to oxygen, allowing the odour-free room to be occupied once again. All of this is done through an automatic two-stage working cycle, and without the use of harmful chemicals or deodorants whatsoever.

By using the Catalyst 10, odours are destroyed rather than just masked by artificial scents or air fresheners.

DECLARATION OF CONFORMITY



Model No. CATALYST 10. This unit fully complies with CE rules of EMC regulations: EN 61000-61, EN 61000-62, EN61010-1, EN5501.

This unit is for indoor use only and has the necessary instructions of use and warnings attached to the outside of the enclosure with a reference to the Owners' manual, service and the limitations of use. It also bears the mandatory information such as a suppliers name, CE marking, fuse, voltage and current ratings etc.

This unit is RoHS compliant (restriction of hazardous materials).

SAFETY PRECAUTIONS

Please ensure you read this manual carefully before operating the unit.

Usage locations: Indoors, non-hazardous, non-explosive and non-flammable environments only.

DO NOT expose this unit to rain or moisture. Should any liquid come into contact with the system, unplug it and have it checked or serviced by qualified personnel before operating it any further.

DO NOT enter the treated room during the operation of the unit, or before hearing the completion-of-cycle audio alert signal.

DO NOT BLOCK the inlet or outlet air and ozone grills, or place any foreign objects in their vicinity which may block their air flow. Ensure the unit is placed in the CENTRE of the room.

DO NOT unplug the cable cord from the mains socket before the operation of the unit is complete.

Once an operation has been chosen and the appropriate timing button pressed, you must leave the room within 30 seconds.

Unplug the power plug when the unit is not in use. Never unplug by pulling on the cord itself.

Remember, remaining in the room while the unit is in operation may be hazardous to your health.

You MUST ensure that no other person enters the room whilst the unit is operating.

This unit is supplied with an earthed cable. Attempting to bypass the earth or to connect the unit to an unearthed socket is prohibited. This unit is also supplied with a fuse. Interfering with the fuse in any way as to prevent its automatic operations is unsafe and strictly prohibited.

TECHNICAL SPECIFICATIONS

Ozone output: 10000mg/hr

Dimensions: 425 x 265 x 225 mm

Weight: 8.5kg approx.

Mains supply: 230V/50Hz/140W via mains switch, with fuse and detachable IEC mains cable

Airflow:

350m³ per hour in ozone generating mode

400m³ per hour in ozone destruct mode

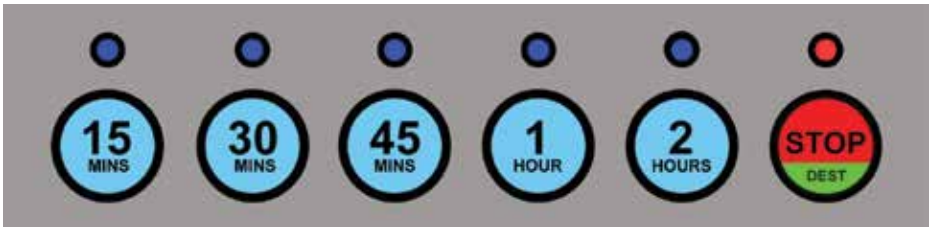
Specification and colour of the product may change without prior notice unless previously agreed.



OPERATING INSTRUCTIONS

The Catalyst 10 is operated via the simple control panel located at the top of the machine.

The control panel consists of 6 buttons, 5 of which are used to set the time-cycle and the 6th is for stopping the machine in an emergency or in case of error, testing the functions of the machine or to allow the unit to carry out additional ozone residue destruct cycle.



Setting a cycle

Once the machine has been set up on a flat, level surface, make sure that there are no obstructions to the airflow.

Any combustible materials / liquids / gases must be removed.

Make sure that all doors and windows are closed, apart from your exit point.

Plug the machine in at the mains socket and switch it ON at the side of the unit.

The blue lights above the buttons should start flashing in sequence.

Once the lights have started flashing you may choose your time cycle by pressing the appropriate button (the length of time is dependent on the size of the room and degree of contamination).

At this point the light above the button pressed will stay lit and the machine will start generating ozone 30 seconds after pressing the button. It is important that you leave the room and close the door during this time but do not rush.

The unit will then operate for the time selected during which it will both generate the ozone, and then convert the ozone residue back to oxygen.

At the end of the operating cycle an audio warning will sound to let the user know that it is safe to enter the room.

Changing the cycle

If you accidentally press the wrong button and wish to change the time cycle, you may do so during the 30 second countdown by simply pressing the button for the correct time. At this point the 30 second countdown will begin again so as to allow you to leave the room before the unit starts generating ozone.

Stopping the cycle

If, for any reason, the unit needs to be stopped mid-cycle, this is possible by pressing the STOP/DEST button on the right of the keyboard. This will stop the machine, though this is highly inadvisable as the room could be unsafe to be in.

Additional destruct

If, when entering the room after the cycle has ended, there is still a distinct scent of ozone in the air, it may be necessary to make the unit carry out further ozone destruction.

To accomplish this, you need to press and hold the STOP/DEST button, and at the same time press the desired time you wish the unit to destruct for. Once this has been done you need to leave the room until the additional cycle has been completed.

Operating times

As previously mentioned, the length of time the machine operates for is determined by the size of the room and degree of contamination. The following table gives an indication to the times required for various room sizes.

Total Cycle Time	Ozone Generation Time	Dwell Time	Ozone Destruct Time	Room Size
15 minutes	3 minutes	2 minutes	10 minutes	40m ³
30 minutes	7 minutes	2 minutes	21 minutes	80m ³
45 minutes	15 minutes	2 minutes	28 minutes	120m ³
60 minutes	25 minutes	2 minutes	33 minutes	180m ³
120 minutes	60 minutes	5 minutes	55 minutes	280+m ³

MAINTENANCE & SERVICING

Preventative maintenance and inspection of your Catalyst 10 is recommended for every 150 hours of ozone throughput in order to ensure trouble-free performance.

If you are not a qualified service personnel, call Ozofresh on 0844 248 0107 for more information.

If you are a qualified service personnel and wish to carry out maintenance or cleaning by yourself, we suggest that you contact Ozofresh prior to attempting the work for guidance. However this may invalidate any warranty and is entirely at the owner's risk.

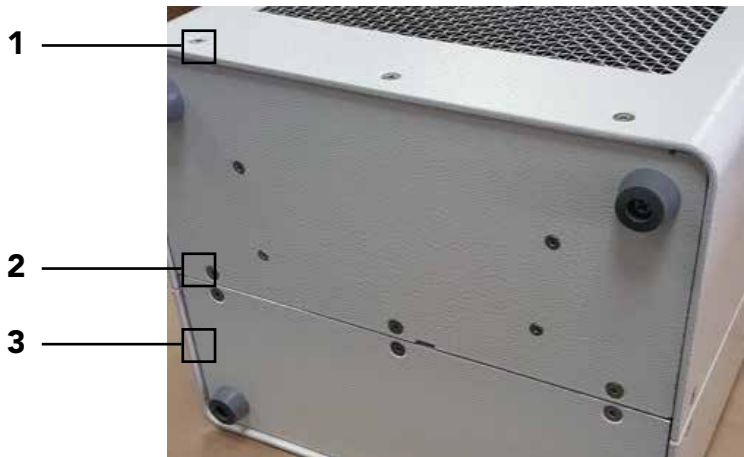
The unit has been designed so that the filter can be easily changed by the owner using standard M4 hex head screwdriver as the only required tool (instructions for this are described on the next page).

CHANGING THE OZONE DESTRUCT FILTER

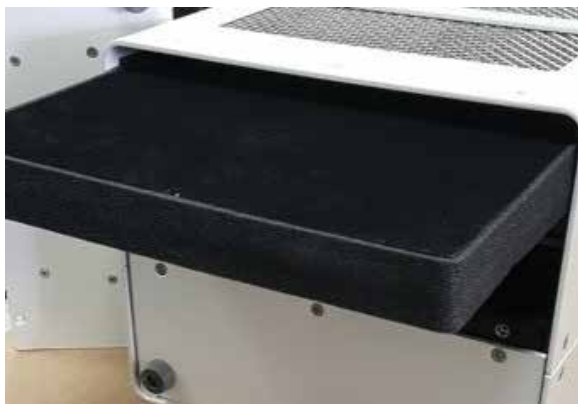
Before replacing the filter, ensure that the unit has been unplugged and gently laid on its front panel on a clean / scratch free surface.

Then carry out the following:

- Using an M4 hex screw driver, remove the screws connecting the rear cover to the filter access panel **(1)**.
- Then remove the 3 screws connecting the filter access panel with the main body **(2)**.
- Remove the filter access panel, using a screw driver in the small notch if necessary **(3)**.



- Carefully slide out the filter and replace it with the new filter.



- Place the filter access cover back over the new filter and replace the screws, ensuring they are hand tightened only.

The unit will then be ready to use again.

CATALYST 10 FUNCTION TESTING

The Catalyst 10 has a built-in test function which can be used to test each of the main functional electronic components of the machine.

- LED indicators
- Ozone generators
- The fan
- The shutter mechanism
- Shutter microswitches
- Buzzer
- Hour counter

Engage the test functions by turning the machine ON while holding the STOP button. Continue to hold the STOP button while pressing and holding one of the time selections in the table below to carry out the corresponding test. Release the buttons to cease testing.

Test Function	Select Buttons	Result
Buzzer	STOP + 2 HOURS	Buzzer sounds
Hours counter	STOP + 1 HOUR	Counter increases by 1
Plates + fan + shutter microswitch	STOP + 45 MINS	Smell of ozone, fan starts. Run test for a short period
Fan	STOP + 30 MINS	Fan starts
Shutter mechanism + shutter microswitch	STOP + 15 MINS	Shutter engages, sound of microswitch

Once function testing has been completed switch the machine OFF, when all the LEDs are off, turn the machine back on to resume normal use.



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Watchman Ozone T/A Ozofresh
Ozofresh, Daventry Self Storage, Broad March, Long March Ind. Est.,
Daventry, Northants, NN11 4HE



Telephone number: +44 844 248 0107
Sales: +44 7903 742 373



Email: support@ozofresh.co.uk
Website: <http://ozofresh.co.uk>

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