

Ozone is a natural gas that we breathe daily. It is created when oxygen (O₂) molecules are split into two separate atoms by ultra violet radiation from the sun, lightning, and electric arc. The freed atoms recombine in 3-atom groups to form cousins of oxygen: ozone (O₃). The word ozone comes from the Greek word ozein meaning smell, because of its distinctive sun-ray lamp smell. Ozone is nature's way of cleaning pollution from our atmosphere.

Operation Instructions



Please read this info before using:

These units can be mounted on a wall using the mounting key holes on the back of the unit. O₃ is heavier than air so for best results the unit should be mounted between 1.5 and 1.8 meters high from the floor on the wall.

Units can also be placed on a desk or table and have rubber feet to prevent damaging of surfaces.

Do not place the unit in direct sunlight.

Do not place the unit in front of a fan, open window or where wind is blowing across the unit as this will affect the O₃ sensor and prevent it from reading correctly.

Units must be plugged into a 230VAC 50Hz power source that is connected to a earthed power circuit.

To avoid electrical shock, never operate units when wet and also never install the units near to water sources.

The units create high voltages internally to generate the O₃ and should only be opened or repaired by qualified persons.

With first use the sensor typically requires 24hrs to burn in, settle down and work correctly.

To clean unit, unplug, wipe gently with a damp cloth with a little dishwashing soap.

If unit is not functioning correctly then please return to OZOGEN for servicing or repairs.

To turn unit on:



Press the **power** button on the display unit for 2 seconds. (far left button)

The display will then turn on and the unit will count down from 300 seconds giving the sensor time to warm up before switching on.

Temp measurement is displayed on the right top of display, humidity is displayed on the left top of display. The pre-heat countdown shows on bottom of display and switches to O₃ reading once the countdown is completed.

To check O₃ level setting:



Press **switch** button (far right button) to switch between temp, RH, O₃ with each push.

When on O₃ the two middle **up** and **down** buttons can be used to raise or lower the O₃ level setting.



The unit will automatically maintain the O₃ level in the area as per this selection shown on the display.

Level can be varied in 1ppb steps with each button push or hold relevant button for rapid setting.

Display will revert back to normal display if no button is touched for a few seconds.

To lock settings:

Press and hold the two middle **up** and **down** buttons together until a **lock** icon is shown on the display.

To unlock:

Press and hold the two middle **up** and **down** buttons together until the **lock** icon disappears on the display.

Calibration:

To calibrate the unit, it must be placed in an area where no O₃ is present.

Power the unit up and whilst it is busy with the sensor heating countdown, press and hold the **switch** button (far right button) until **X10** is shown on the display. Now release the switch button and the unit will perform calibration and switch back to normal display when completed.

For Queries Mail:
support@ozogen.co.za

Instruction for Models

A003	1g/h
A004	3g/h
A005	5g/h

Power Consumption

A003	< 50 watts
A004	< 80 watts
A005	< 100 watts

Sensor Specifications

O ₃	40 - 1000ppb
RH	5 - 99%
Temp	0 - 50 Degree C