

BIOZONE SCIENTIFIC ULTRAZONE INSTRUCTION MANUAL



CAUTION: READ INSTRUCTIONS BEFORE OPERATION

BioZone Scientific Mini PowerZone is an excellent tool designed to significantly reduce odours, bacteria and other harmful micro-organisms in the air and on surfaces.

Can be portable or fixed mounted and designed for use in unoccupied or limited occupied areas such as refuse/ garbage, grease traps areas etc.

For smaller or less contaminated areas precautions must be adhered to eliminating exposure to residual by-product of ozone by using an electronic timer, starting the unit and leave the space to be treated, returning 10-20 after the treatment time has ended. · Access to the treatment area should be restricted while treatment is in process.

For best results

- Ensure that the intake and the outlet airflow of the Ultrazone are not blocked or impeded.
- Place the Ultrazone near a fan or incoming air vent to improve circulation of the purifying plasma, preferably as close as possible or above contaminated area.
- For highly contaminated environments the lamp, inlet and outlet plastic end grilles need be cleaned regularly. This will significantly lengthen the life of the lamp and ensure proper performance.

PRECAUTION!!

Only adequately trained and competent persons should be given the responsibility of operating and controlling the usage of this unit.

When used correctly and under normal operating conditions, the ozone levels should not cause any problems.

Potential risks from experiencing excessive ozone exposure are

- **Decreased lung function resulting in chest tightness and shortness of breath**
 - Throat irritation and or cough
 - Headache

If excess exposure occurs (switch off the unit) , seek medical advice

OPERATION

The Ultrazone has a mains on/off switch which controls the mains power and fan.
There are three lamp switches for controlling the three lamps/ output of the entire unit.

Using one, two or three lamps will increase or decrease the output.

MAINTENANCE

The grills/ air vents and fan must be kept free and clear from dust and dirt.

The only serviceable / changeable part is the lamp. If the device is located in a highly contaminated greased, dusty, humid or smoke filled area, it is recommended that the lamp and plastic end grilles be cleaned as required. This will significantly lengthen the life of the lamp.

The lamps must be changed maximum 8000 hours, or once a year if continuous operation

Lamp Cleaning and Replacement Procedure – See website www.biozonescientific.com.au for detail

- 1) Disconnect the power supply from the Ultrazone & Allow 10 minutes for the lamp(s) to cool.
- 2) Unscrew four cover screws on each end of the Ultrazone.
- 3) Unplug the lamp connector(s) from the lamp(s)
- 4) Remove the lamp(s) from the lamp holders.
- 5) Wipe and clean the lamp(s) surface with an alcohol wipe.
- 6) Place the cleaned lamp or new lamp into the lamp holders.
- 7) Connect the lamp connector observing the correct orientation of the pins
- 8) Re-install the cover and press firmly on the top near the lock to ensure it is completely closed. (Ensure that the lamp connector wires do not interfere with the cover closing)
- 9) Screw cover screws back on.
- 10) Test unit with main switch and lamp switches

WARRANTY - 12 Months Parts & Labour (Return to Base)

The provisions of this warranty are in lieu of any other written warranty, whether expressed or implied, written or oral, including any warranty of merchantability or fitness for a particular purpose. The manufacturer's maximum liability shall not exceed the actual purchase price paid by you for the product. In no event shall the manufacturer be liable for special, incidental, consequential or indirect damages. This warranty does not cover a defect that resulted from improper or unreasonable use or maintenance, accident, improper packing, or unauthorised tampering, alteration or modification as determined solely by us. This warranty is void if label bearing the serial number has been removed or defaced.