

Ozone Monitor System

- **Monitors up to 0.25ppm of Ozone**
- **Calibrated to 0.1ppm and 0.18ppm levels**
- **Mains operated**
- **Alarm siren at 0.18ppm**
- **Manual alarm reset on Alarm condition**
- **Volt free relay for Alarm condition**



Operation

The system monitors ambient levels of ozone and on exceeding the calibrated alarm levels activates an internal relay circuit for a volt free or 12V DC output. A 90dB sounder is simultaneously activated warning operators of the presence of ozone above 0.18ppm. It is recommended that the levels of 0.1ppm and 0.18ppm are used where the environment to be monitored is to be compliant with EH40/2005.

For ease of maintenance the pre calibrated Ozone module can be removed and replaced without the need for the return to the factory of the whole unit. The ozone module can also be returned to Envin for test and calibration.

On power up the unit will be in a condition where the relay is in an alarm state, the warning and alarm LEDs are on and the power Led is flashing. Once the power up checks are complete the warning and alarm LEDs will extinguish leaving the power LED on constant. The unit will then be monitoring ambient levels of ozone.

The sounder will only operate if the warning and alarm LEDs are illuminated and by pressing the reset button in this condition will change the sounder from a constant operation to a periodic bleep.

The LED alarms and relay are auto-reset by the system once the monitored ozone falls below 0.1ppm.