



Series 100

Ozone Controller

Features

- Active sampling for higher accuracy
- External control & alarm signals
- Tri-colour LED status indicator
- Aesthetically unobtrusive design
- Wall or ceiling mountable
- Replaceable sensor head
- Rapid T90 response



Applications

- Ozone generator control
- Health & safety
- Alarm systems

Specifications

Power requirement
 Unit interface (power in, control signal out)
 Setting control and alarms
 External signal for control and switching
 External signal functions
 Removable / replaceable sensor head
 LED status indicator (tri-colour)
 LED colour key

Enclosure casing and rating
 Enclosure size
 Weight
 Approvals

12V DC regulated
 Screw terminal connectors
 Dip switches (Alarm/Control Mode and relay/alarm set point)
 Relays x 2 | 28V max | 150mA max
 Low Alarm | High Alarm | Control
 Yes (sensor head can also be refurbished)
 Alarm levels | Control band | Diagnostics
 Yellow = Ozone concentration is below low alarm limit
 Green = Ozone concentration is between low and high limits
 Red = Ozone concentration is above high alarm limit
 Polycarbonate; IP20 & NEMA 1 equivalent
 64 x 130 Ø (mm); 2½ x 5½ Ø (in)
 < 200 g; < 7 oz
 Part 15 of FCC Rules
 EN 50082-1: 1997
 EN 50081-1: 1992



Ozone Sensor Head	Calibrated Range	Maximum Exposure	Lowest Detection Limit	Accuracy of Calibration	Response Time (T90)	Operating Conditions
OZL	0-0.5 ppm	1 ppm	0.001 ppm	<±0.008 0-0.1 ppm; <±10% 0.1-0.5 ppm	< 60 s	Temperature -5 to 40 °C;
OZG	0-10 ppm	15 ppm	0.01 ppm	<±0.1ppm 0-1 ppm; <±15% 1-10 ppm	< 60 s	Humidity 5 to 95% RH non-condensing