

Series 130s

Ozone Controller

Features

- Active sampling for accuracy
- LED ozone level indicator
- Low service maintenance
- Replaceable sensor head
- Tamperproof enclosure
- Water & dust resistant
- Alarm & control outputs
- Simple plug & play



Applications

- Ozone generator control
- Industrial monitoring
- Health & safety
- Alarm systems



Tri-colour LED level indicator
Replaceable sensor head
Relay switching contacts
Power supply included
Adjustable set points
Dual-alarm mode
Control mode

Specifications

Power supply
I/O connectors (power, control signal)
Setting control and alarms
External signal for control and switching
External signal functions
Removable / replaceable sensor head
Audible alarm
LED status indicator (tri-colour)
LED colour key

Enclosure casing and rating
Enclosure size
Weight
Approvals

12VDC (switching power adaptor 100-240VAC supplied)
Screw terminals and cable gland
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)
Piezoelectric (active in Alarm Mode)
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
Fibre reinforced plastic; IP41 & NEMA 2 equivalent
180W x 110H x 90D (mm); 7¹/₈W x 4³/₄H x 3¹/₂D (in)
< 850 g; < 30 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
Low	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; Humidity 5 to 95% RH non-condensing
High	0-10 ppm	15 ppm	0.01 ppm	<±0.1ppm 0-1 ppm; <±15% 1-10 ppm	< 60 s	