



## Specification and operation of the Oxyzone Silver Hospitality EC ozone generator

### Silver Hospitality EC Description

The Silver Hospitality EC (Electronic Control) is a microprocessor controlled UV ozone generator housed in a stylish stainless steel cabinet. It is available as a single or double lamp model.

A removable fan filter is located at the inlet end.

The operation of the ozone generator is by mains toggle switches for on/off and for selecting single or double lamp in the double lamp model. Push button switches are used to select the run time with LED's displaying the time selected plus the status of the unit.

There are 2 modes of operation: countdown and continuous.


**In countdown mode** the timer is graduated in 15 minute intervals allowing up to 2.5 hours of set and forget operation. This is ideal for cleaning staff allowing a room that has been cleaned but has odours, to be freshened up for 30 minutes or even an hour while the staff move on to clean other rooms. For a problem room just increase the time and walk away.

While the ozone generator runs it counts down and displays the remaining time; at completion it stops and sets itself to the previously selected time period, ready to go again at the press of a button.

**In continuous mode** it operates continuously until the run button is pressed again or the power is switched off. If power is removed and reapplied the unit reverts to countdown mode and sets the time period to the last used.



## Oxyzone Silver Hospitality EC Specifications

<b>S11E Silver Hospitality</b>	Single lamp UV ozone generator designed for the hospitality industry. Contains inbuilt electronic timer and status display
<b>S12E Silver Hospitality</b>	Double lamp UV ozone generator designed for the hospitality industry. Contains inbuilt electronic timer and status display
<b>Manufacturer</b>	Oxyzone Pty Ltd
<b>Location:</b>	Manufactured in NSW, Australia
<b>Size:</b>	Length 370mm, Width 205mm, Height 200mm
<b>Weight:</b>	6.5kg single, 7.0kg double
<b>Cabinet:</b>	Stainless Steel
<b>Power requirements:</b>	240vac using 1.8m IEC mains cable; included.
<b>Overload protection</b>	Resettable 3A thermal circuit breaker
<b>Electrical safety:</b>	Complies with Australian appliance wiring rules providing double pole switching of all live terminations and allen-key screw access to prevent unauthorised exposure. Removal of outer lid also interlocked to prevent the operation of the lamps when removed.
<b>Ctick:</b>	Compliant  N28317
<b>Lamps:</b>	1 or 2 U shape ozone lamps operating at a wavelength of 195nm.
<b>Ballasts:</b>	1 or 2 electronic ballasts designed specifically for UV germicidal lamps.
<b>Ozone output:</b>	Approximately 650 mg/hr per lamp continuous operation
<b>DC power:</b>	Internal 12vdc power supply for microcomputer circuit board, relay and interlock operation.



<b>Operation:</b>	SET, TIME and CONT push switches to adjust operation time and RUN to start/stop the unit
<b>Displays</b>	10 segment bar graph shows time period in 15 minute intervals.  Status LED to indicate running, ready and interlock operated. Green = running Green flashing = ready Red = Interlock operated  Lamp 1 and Lamp 2 LED's indicate that the lamps are operating correctly
<b>Air flow:</b>	120mm fan with removable filter for cleaning

### Silver Hospitality EC Operating Instructions

There are 2 modes of operation:

1. **Countdown:** the ozone generator will run for a selected time and at the completion of that time it will stop and wait to be restarted. Time range is up to 2.5 hours in 15 minute increments.
2. **Continuous:** the ozone generator will run continuously when the RUN button is pressed. To stop the unit press the RUN button again or switch off the unit.

**Select mode of operation:** Press SET and CONT together to change between countdown and continuous operation. Switching power off then on will cause the unit to revert to countdown mode.

**Adjust Time period:** Press SET and TIME together to adjust the time period from minimum of 15 minutes to maximum of 2.5 hours in 10 steps

**Run/Stop:** Press RUN to change between run and stop.

On the double lamp model the second lamp can be turned off using the lamp switch.

A reset facility is provided by pressing and holding the Time button when the power is switched on.

The removable filter can be vacuum cleaned in position or removed for washing by lifting off the outer cover.

Replacement of the lamps will be required after 6,000 to 8,000 hours or around 3 years normal operation.