



Specification and operation of the Oxyzone S60 Silver Biochef series ozone generators

Silver Biochef series description

The S60 Silver Biochef is a rugged, powerful wall mounted UV ozone generator that can be operated independently or centrally controlled. They are ideal for food process and manufacturing rooms.

Available in single, double or triple lamp versions they can be manually or centrally controlled either wired or wireless. Multiple units can operate from a single control allowing central operation of all units covering: Unit off, on with single lamp, on with double lamp, on with triple lamp. The control can be manual switching or 24hr/7day timer or countdown timer or automatic ozone sensor control using an Aeroqual monitor.

All versions have the circuitry for wired operation as standard with wireless offered as an option.

All versions also include removable and washable mesh filters and are supplied with a spare set.

Silver Series Control units

The Silver Biochef range can be interconnected to operate from a single central control unit. This central control can be very simple, allowing central control of all unit functions including inbuilt 24hr/7day timer. A fully automatic ozone sensor and control system is also available using Aeroqual ozone monitors.


Plus all this can even be done wirelessly.

Please see the Silver series control unit information sheet.

We have the product and the flexibility to meet your needs.



Silver Food Series specification

S61 Silver Biochef	Single lamp UV ozone generator designed for use in the food process and food manufacturing environment.
S61W Silver Biochef	As above fitted with the wireless option
S62 Silver Biochef	Double lamp UV ozone generator designed for use in the food process and food manufacturing environment.
S62W Silver Biochef	As above fitted with the wireless option
S63 Silver Biochef	Triple lamp UV ozone generator designed for use in the food process and food manufacturing environment.
S63W Silver Biochef	As above fitted with the wireless option
Manufacturer	Oxyzone Pty Ltd
Location:	Manufactured in NSW, Australia
Size:	Length 370mm, Width 200mm, Height 200mm
Weight:	5.5kg single, 6.0kg double, 6.5kg triple
Cabinet:	Grade 304 Stainless Steel
Power requirements:	240vac using 1.8m IEC mains cable; included.
Overload protection	Resettable 3A thermal circuit breaker
Electrical safety:	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.
Ctick:	Compliant  N13725



Lamps:	1, 2 or 3 U shape ozone lamps operating at a wavelength of 195nm.
Ballasts:	1, 2 or 3 electronic ballasts designed specifically for UV germicidal lamps and matched to the lamp requirements
Ozone output:	Approximately 650 mg/hr per lamp continuous operation
DC power:	Wireless versions only use Internal 12vdc power supply for microcomputer and wireless receiver circuit board.
Control circuitry	4 pin connector allowing 3 control lines each of 12vdc
Silver Series Control units	A range of controllers are available to suit your individual needs. Please refer to the information sheet for the product.

Silver Biochef Operating Instructions

- Select manual or remote operation by changing the Manual/Remote switch beside the 4 pin connector
- For wired remote operation, connect the 4 pin signal connector.
- For remote operation refer to the controller information sheet to select the function required
- When in manual operation select 1,2 or 3 lamp operation depending on the model
- Slide in filters are easily removed for cleaning and replacement
- The use of the optional wall mount kit allows convenient access of the unit and the filters