

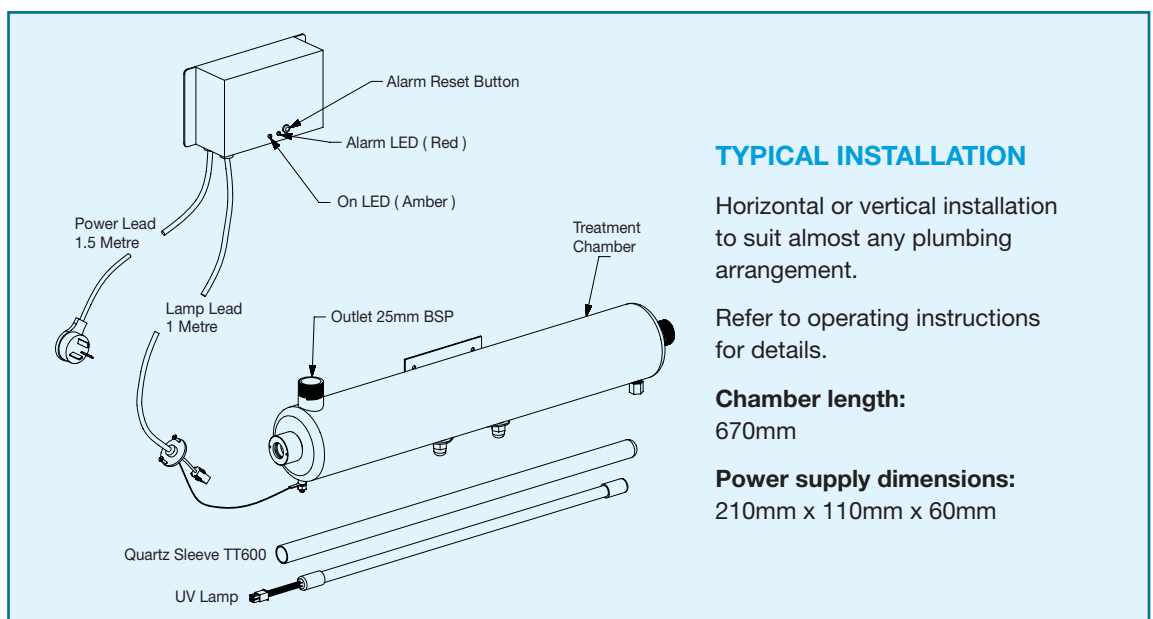


Steriflo XL UV System

The Steriflo XL is a compact whole house (point of entry) or small commercial UV water disinfection system offering features designed to make it particularly easy to install and operate based on the experience gained in manufacturing thousands of UV systems for over 20 years. The system is made in New Zealand and all parts are available through your dealer.

This UV system makes use of the latest developments in UV technology and offers a unique combination of features:

- **High intensity lamp** High output with compact length
- **Unique connector** Incorrect lower power lamp cannot be accidentally fitted
- **Lamp replacement alarm** After a year's running time the unit 'beeps' until a new lamp is installed
- **Test tube quartz sleeve** One seal makes removal for cleaning as simple as possible
- **Compact design** Easy to fit in most locations
- **Universal bracket** Can be mounted to suit almost any piping arrangement
- **Lamp failure alarm** If the lamp does not operate when power is applied the alarm sounds and the red light comes on
- **External alarm contacts** Electrical contacts are included to switch on an external alarm or allow a shut off solenoid valve to close
- **'Tell-tale' endcap** Blue glow is visible when lamp is on



It is likely that this UV system will be used in conjunction with a prefiltration system. Please consult your dealer for recommendations.

Installation Comments (refer to instructions for details)

Remove the bracket from the treatment chamber and screw to wall in desired location. Mount the treatment chamber and secure the nuts firmly. Leave room to remove the lamp.

Note that the usual inlet is at the end of the chamber which can be installed vertically or horizontally. The "drain connection (blue cap) is intended to be at the bottom of the chamber.

If draining water can damage items located nearby (flooring materials etc.) connect a valve and hose to the drain connection so that the water flows to a sink or other suitable drain.

Avoid the use of hemp in sealing joints, PTFE tape is preferred.

Mount power supply within 1m of treatment chamber. Locate in a ventilated position above the treatment chamber or piping so water cannot drip onto it.

Make sure that the UV unit can be isolated for service (eg. with valves). Apply water pressure and check for leaks before proceeding.

Plug power in to a switched RCD protected socket - do not switch on.

Insert lamp, plug in connector and fit the earth lug to chamber bolt. Fit clear endcover with M3 screws provided and switch on the power at the socket. The amber "lamp on" LED comes on and the UV lamp starts.

After 2 minutes the UV lamp has reached full power and the water flow can be started.

Operating Notes

The alarm system monitors lamp operation and in the event of a failure the red LED lights and the alarm buzzer sounds. In normal operation the red LED flashes intermittently.

In general because the lamp needs a 2 minute warm up time it is left running all the time so that it can treat water on demand.

If the water supply is only used intermittently close the water valve to stop flow when it is not required. Then the UV unit can be switched off until needed again.

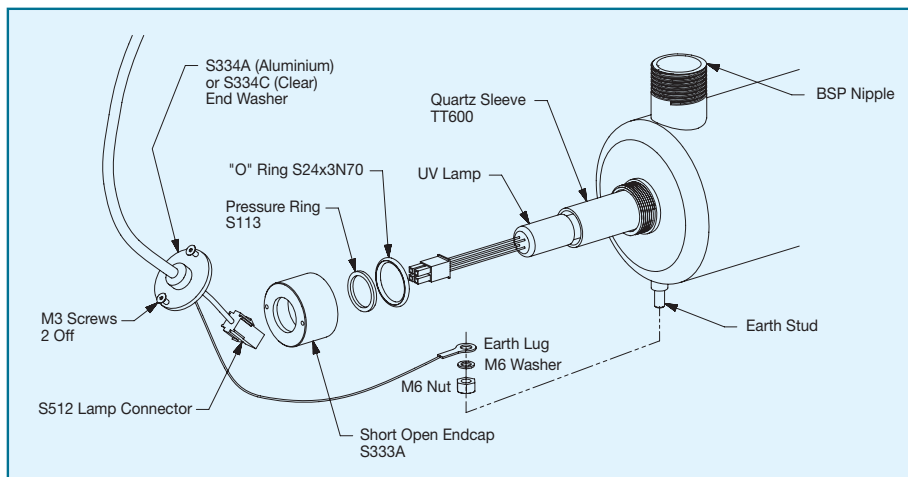
Volt free alarm contacts are available on the UV unit circuit board and in the event of a power cut or lamp failure they can be used to allow a fail shut solenoid valve to close or to sound a remote alarm. It is recommended that a qualified electrician carries out such installation.

Maintenance (refer to instructions)

The lamp should be replaced annually if it is always switched on or as the alarm system indicates for intermittent operation.

Cleaning of the quartz sleeve will be required from time to time depending on the water quality - typically 3-6 monthly.

The O-ring seal should be replaced annually.



Alarm System

If the UV lamp is out due to a failure or bad connection the alarm buzzer will sound and the red LED will light. The alarm contacts will change over. This will allow a shut off solenoid to close or activate a remote alarm. The alarm function can be checked by switching the unit off, disconnecting the lamp and then switching the unit back on.

The lamp should be replaced after a year's running time. The alarm will beep intermittently after the internal clock has measured this time as a reminder to change the lamp. Pressing the recessed 'reset' button with a ballpoint pen will silence it for 24 hours at a time to allow time for a new lamp to be obtained. Once a new lamp is installed press the reset button for 5 seconds to start another year's timing. Do this whenever a new lamp is installed.

Specifications (XL60)

Flow range:	0-60L/min
Water temperature range:	5-40°C
Water pressure:	0-1050kPa
Operating Voltage/Frequency:	220-240V/50Hz
Power consumption:	45W
Lamp life:	9,000 hours (1 year's running)

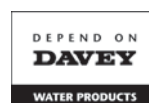
Spare Parts

Lamp:	GPH550N2W
Sleeve:	TT600
End nut:	S333A
Clear end cap:	S334C
Lamp connector and lead:	S486
O-ring:	S24x3N70
White pressure ring:	S113



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