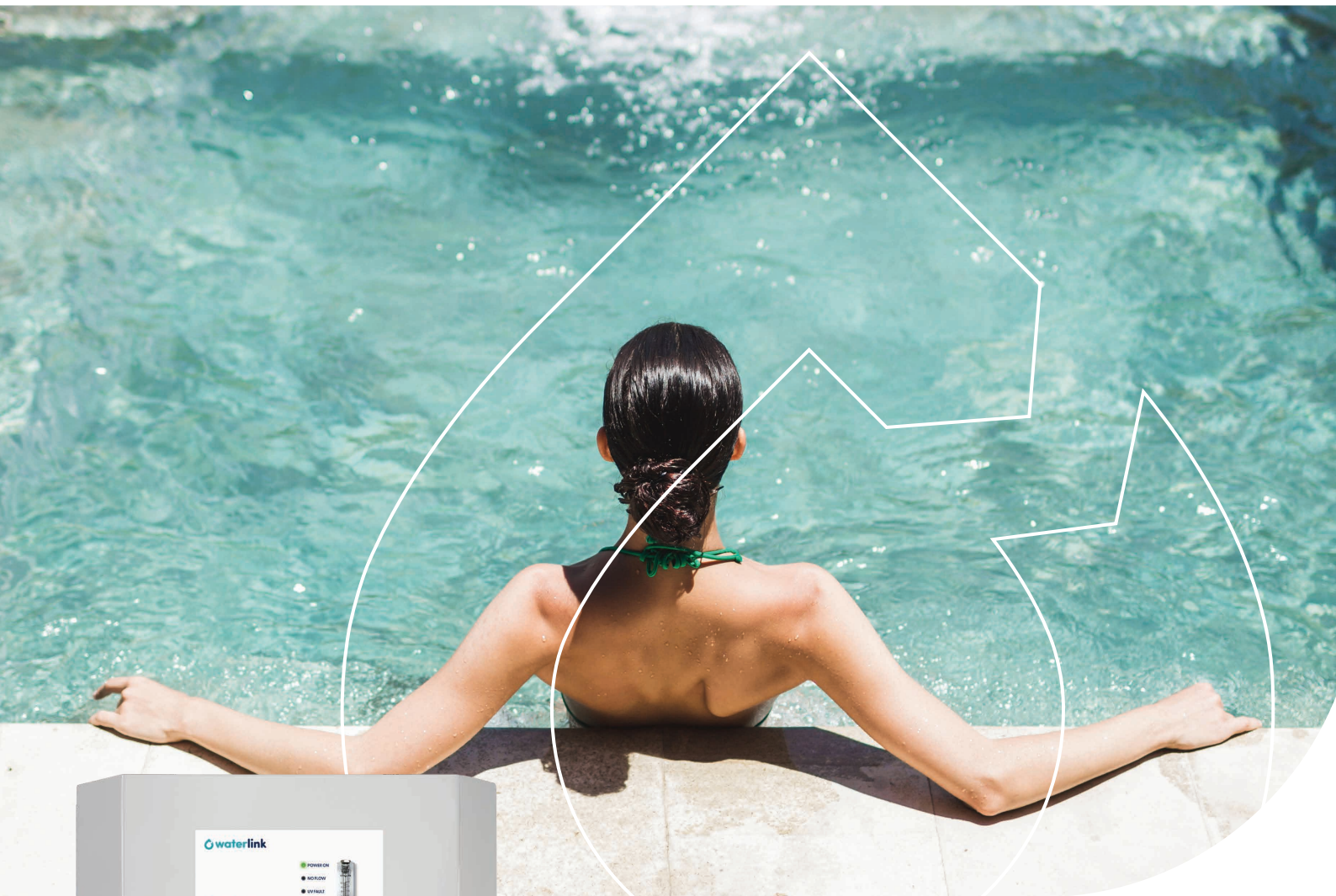




Synergy Plunge

Secondary Disinfection System

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The Synergy Plunge is a compact, flexible Advanced Oxidation Process (AOP) system designed to deliver effective secondary water treatment where space and installation flexibility are essential. Its innovative design allows for both vertical and horizontal installation, with flexible inlet and outlet connections that simplify integration into new and existing plant rooms.

Designed to adapt as your requirements change, the Synergy Plunge can be upgraded with a second UV lamp at any time, doubling its UV output without the need for re-plumbing or replacing the unit. An optional 3" ozone booster is also available, providing additional flexibility to suit a wide range of commercial aquatic applications.

Key Benefits

- ◆ Flexible, cost-effective AOP solution for commercial aquatic facilities
- ◆ Expandable UV capacity with the option to add a second UV lamp at any time, doubling UV output without re-plumbing or replacing the unit
- ◆ Compact footprint thanks to its space-saving vertical design, ideal for confined plant rooms
- ◆ Flexible installation with adaptable inlet and outlet connections to suit challenging layouts
- ◆ Horizontal or vertical mounting to accommodate a wide range of installation requirements
- ◆ Optional 3" ozone booster available for enhanced system flexibility

Applications

The Synergy Plunge system is designed for commercial aquatic environments with high or increasing bather loads. Ideal for:

- ◆ Light to medium use wellness facilities with Hot or Cold Plunge Pools
- ◆ Hotel, Motel, Apartment complex Pools and Spas below 100,000 lts
- ◆ Spas and wellness centres
- ◆ Small swim schools
- ◆ Water features and fountains
- ◆ Children's splash and wet play areas





Models

Model	Maximum Flow Rate
SYP 1	18m ³ /hr
SYP 2	30m ³ /hr

Specifications

Features	Value
Power Supply	240 VAC 50 hz
Minimum Circuit Amps	10 A (with booster pump)
Power Consumption	0.7–2.4 kW (1 to 2 lamps, with booster)
Maximum Booster Pump	1 kW
Water Connections	80mm PVC Barrel Unions
UV Chamber Dimensions*	350 mm (L) x 350 mm (W) x 1200mm (H)
Power Centre Dimensions	400mm (H), 400mm (W), 250mm (D) IP66 rated Gland Plate

* Allow 1,000mm height for the removal of lamps and sleeves above the unit. The ozone injection assembly must be mounted on the inlet of the UV chamber (either lower inlet).

Support & Service

Our experienced technical team is available for both scheduled servicing and priority support.

We also offer product training and detailed guides to ensure your staff are confident operating and maintaining the system from day one.

How it works.

The Synergy Plunge uses an Advanced Oxidation Process (AOP) to provide secondary water treatment. As water passes through the unit, it is exposed to UV light, with the option to incorporate ozone for enhanced oxidation.

The system is designed to adapt to changing operational requirements. A second UV lamp can be added at any time to increase UV output without requiring re-plumbing or replacement of the existing unit. Its compact design, flexible connection options and horizontal or vertical mounting capability make the Synergy Plunge easy to integrate into both new installations and plant room upgrades.

Upgrade Options

- Standard SYP available with 1 lamp
- Second lamp option available to fit at a later stage if required
- Unit comes standard with 50mm Ozone Venturi kit, which can be used on flow rates up to 250lpm. With the optional 3 Inch Ozone Booster pump (highly recommended) taking pipework connection kit up to 80mm increases flow rate to:
Up to 300lpm with SYP 1 Lamp
Up to 500lpm with SYP 2 Lamp



System Compatibility

Compatible with most commercial pool systems. Integration support available via Waterlink's technical team.



Warranty

Waterlink systems are built for durability. This product is backed by our standard commercial warranty. For full warranty terms and coverage, please visit www.waterlink.com/warranty



Need More Information?

If you're unsure about which product of our range is the right fit for your facility, our team is here to help.
Contact us for more details or to request a tailored recommendation.

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