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Solari SwimPure O₃

Ozone Nanobubble Treatment for Pools and Spas

Chlorine odours, algae and rising chemical use can make pool-water management challenging. Solari SwimPure O₃ combines ozone oxidation with persistent nanobubble delivery, dispersing ozone-enriched ultrafine bubbles through the pool return line. This supports clearer, fresher water, improved oxidation and reduced reliance on traditional pool chemicals across residential, commercial and spa pools.

SOLARIWATER.COM.AU

Solari SWIMPURE O₃

Ozone Nanobubble Technology
for Pools and Spas

HOW SOLARI SWIMPURE O₃ WORKS

Solari SwimPure O₃ introduces ozone-enriched ultrafine bubbles into circulating pool or spa water. Unlike conventional bubbles, nanobubbles remain suspended for longer, increasing contact between the ozone and the water.

This supports more effective oxidation and clarification while reducing ozone loss through off-gassing. The system works alongside existing filtration and water-treatment equipment to support clearer, fresher water with reduced reliance on traditional pool chemicals.

KEY BENEFITS

- Improves ozone transfer into circulating water
- Keeps ozone-enriched nanobubbles suspended longer
- Reduces ozone loss through off-gassing
- Supports oxidation, clarification and contaminant reduction
- Helps reduce chlorine odours
- Supports reduced reliance on traditional pool chemicals
- Suitable for residential, commercial and spa pools
- Integrates with new or existing recirculation systems

STRAIGHTFORWARD INTEGRATION

Solari SwimPure O₃ is installed in a bypass loop downstream of the pool or spa filter and heater, where fitted. Ozone is introduced after the heater before the treated water returns to the pool or spa.

The bypass configuration allows the system to be added without replumbing the main return line. A suitable circulation pump, filtration system and correctly sized ozone supply equipment are required as part of the complete installation.

SOLUTIONS FOR POOLS AND SPAS WORLDWIDE

The Solari SwimPure O₃ 838 supports water flow rates from 150 to 400 L/min, providing an ozone nanobubble solution for:

- Residential swimming pools
- Commercial swimming pools
- Resort and accommodation pools
- Spas and wellness facilities
- New and retrofit installations

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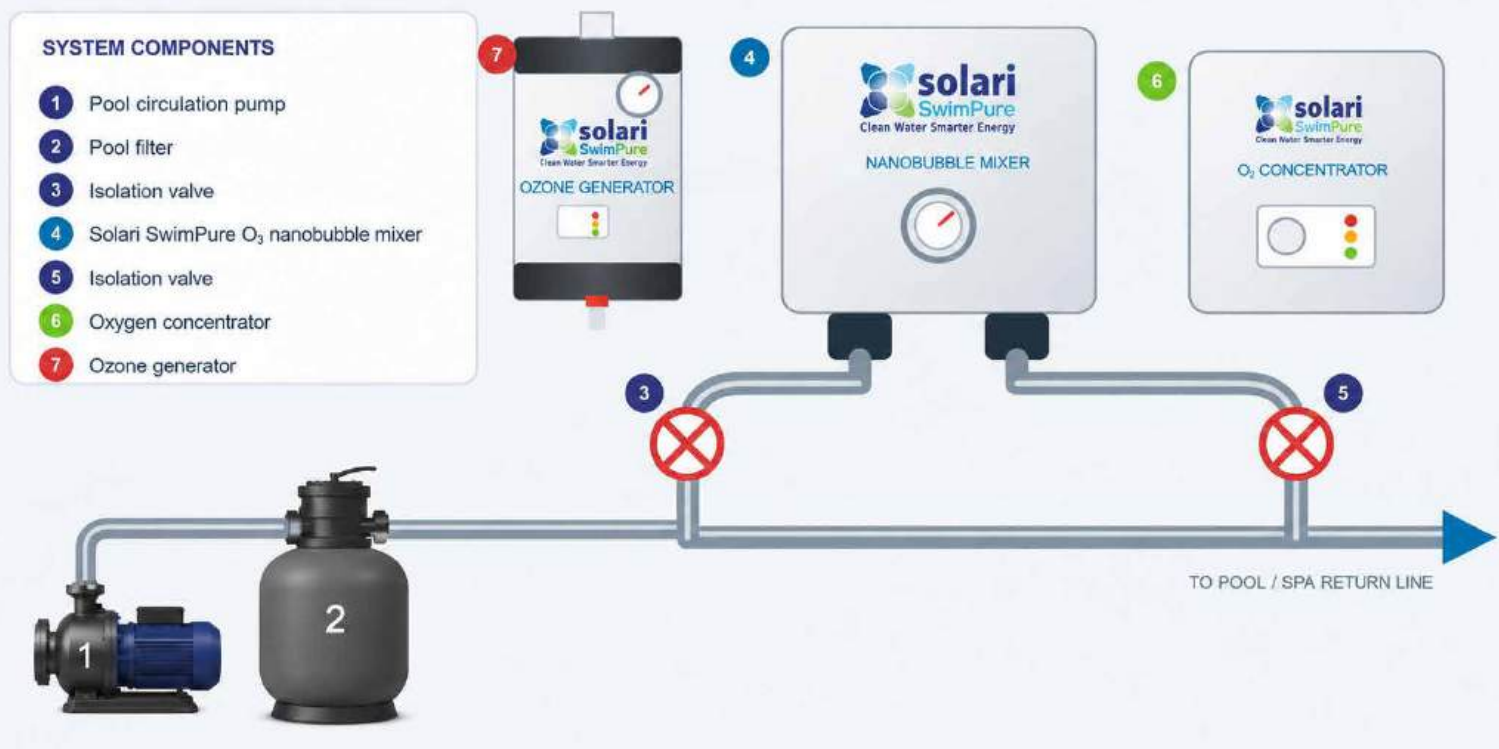
Designed to Integrate.

ENGINEERED FOR CLEARER POOL WATER.

Solari SwimPure O₃ integrates into new or existing pool recirculation systems. The mixer is installed in a bypass loop immediately downstream of the pool or spa filter and heater using standard PVC plumbing. Ozone injection is positioned after the heater on the final return line, providing a practical retrofit pathway without replumbing the main line.

Solari SwimPure O₃ Installation Overview

Simplified pool and spa ozone nanobubble configuration



MORE OZONE RETAINED WHERE IT CAN WORK

Ozone nanobubble mixing produced a total mass-transfer coefficient 1.8 times higher than venturi injection alone. Ozonated nanobubble water also retained its ozone residual longer while reducing the amount of ozone released through off-gassing.

By combining ozone oxidation with persistent nanobubbles, Solari SwimPure O₃ increases contact between the ozone and circulating water, supporting more effective oxidation, clarification and water-quality improvement.

For residential, commercial and spa pools, this supports clearer, fresher water, reduced chlorine odours and lower reliance on traditional pool chemicals.

Ready for Clearer, Fresher Pool Water?

Talk to Solari about whether the SwimPure O₃ 838 is suitable for your pool or spa application.





SWIMPURE O₃ 838

Ozone Nanobubble Mixer 150–400 L/min

Designed for residential, commercial and spa pools operating at 150–400 L/min, the Solari SwimPure O₃ 838 delivers ozone-enriched nanobubbles into circulating water to support improved oxidation, clearer water, reduced chlorine odours and lower reliance on traditional pool chemicals.

OPERATING SPECIFICATIONS	Metric	Imperial
Water flow rate	150–400 L/min	40–106 gal/min
Water flow per hour	9.0–24 m³/h	318–848 ft³/h
Water temperature	–20 to 40°C	–4 to 104°F
Ambient temperature	–20 to 40°C	–4 to 104°F
Relative humidity	1–100%	

OZONE SUPPLY	Metric	Imperial
Ozone flow rate	5.0–8.0 L/min	1.3–2.1 gal/min
Ozone flow per hour	300–480 L/h	79–127 gal/h
Ozone pressure	50–350 kPa	7–51 psi
Gas suitability	Suitable for ozone	
Injection method	Safe venturi injection under vacuum	

INSTALLATION AND CONSTRUCTION	
Pump	Not Included
Estimated power consumption	750–2,000 W
Operation	Manual diaphragm-valve control with vacuum-gauge monitoring
Wetted components	PVC, SUS304, SUS316, PVDF, EPDM, silicone and Viton
Water inlet	Rc 2-inch female thread
Water outlet	Rc 1-inch female thread
Gas inlet	5 × 9 mm silicone hose — internal × external diameter

DIMENSIONS AND SHIPPING	Metric	Imperial
Unit dimensions (W × D × H)	650 x 1014 x 270 mm	25.6 x 39.9 x 10.6 in
Unit weight	40 kg	88.2 lb
Shipping dimensions	1,080 × 720 × 300 mm	43 x 28 x 12 in
Shipping weight	47 kg	104 lb
HS code	8479.82.0040	



CREATE A CLEARER, FRESHER SWIMMING ENVIRONMENT

Keep more ozone working where it matters. Solari SwimPure O₃ 838 uses nanobubble technology to support effective oxidation, clearer water, reduced chlorine odours and lower reliance on traditional pool chemicals.

Talk to Solari about bringing the SwimPure O₃ 838 to your pool or spa. We'll help confirm its suitability and identify the right approach for integrating it with your existing water-treatment system.

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