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swimming pool: swim puriti o3 nanobubble mixer

Experience crystal-clear, healthier water with Swim Puriti — the approved ozone ultra-fine bubble and nanobubble technology for pools, spas, and water features. This advanced system harnesses the power of ozone nanobubbles to purify, refresh, and protect, making it ideal for everything from luxury hotel pools to large private retreats.

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swim puriti o3 nanobubble mixer | ozone pool treatment for crystal-clear, low-chemical pools

Deprecated: mb_convert_encoding(): Handling HTML entities via mbstring is deprecated; use htmlspecialchars, htmlentities, or mb_encode_numericentity/mb_decode_numericentity instead in **/var/www/cpw/site/modules/ProductPdf/ProductPdf.module.php** on line **762**

- ✓ O3 nanobubble mixer for crystal-clear, low-chemical pools
- ✓ Dual gas: high-purity oxygen + ozone oxidation
- ✓ Easy retrofit: bypass install after filter/heater
- ✓ Continuous oxidation: cleaner, fresher water
- ✓ Healthier swim: low odor, gentle on skin and eyes
- ✓ Lower maintenance, fewer shocks, and chemicals
- ✓ Scalable ozone output to match pool size
- ✓ Fits residential, commercial, and spa pools

revolutionizing pool water: the swim puriti o3 nanobubble mixer

A New Era of Environmentally Friendly Pool Maintenance. Swimming pool owners and operators face increasing pressure to adopt safer, greener technologies. The Swim Puriti O3 nanobubble mixer emerges as a solution that not only optimizes water quality but also reduces the reliance on traditional chemicals. Designed for seamless integration, Swim Puriti stands out as a breakthrough in pool water treatment, leveraging ozone-enriched nanobubbles for superior clarity, hygiene, and ecological stewardship.

swim puriti with a commercial oxygen concentrator.

The Swim Puriti Ozone solution combines two components: the Swim Puriti unit and a commercial-grade oxygen concentrator with an integrated ozone generator. In oxygen mode, the concentrator delivers up to 95% pure oxygen; in ozone mode, it produces 12 grams of ozone per hour. For larger pools, the ozone module can be upgraded with two higher-capacity options to match system size. When paired with nanobubbles, ozonated water further enhances water quality and supports a more environmentally friendly approach to pool treatment.

the power of nanobubbles

Nanobubble technology dramatically enhances ozone delivery and effectiveness. Unlike regular bubbles, nanobubbles are extremely tiny, thousands of times smaller than a grain of sand. When injected into water, they remain suspended for extended periods, thereby maximizing the disinfecting and clarifying effects of ozone. The result is water that is crisper, cleaner, and contains fewer contaminants.

fits in existing installations

Swim Puriti integrates seamlessly into both new and existing pool recirculation systems. Install it in a bypass loop immediately downstream of the pool or spa filter and heater using standard PVC plumbing. Gas injection is positioned after the heater on the final return line to the pool. The Swim Puriti Ozone system fits without re-plumbing the main line—an easy path to a cleaner, fresher, and more modern pool experience..



conclusion: a smarter way to enjoy your pool

Swim Puriti O3 nanobubble mixer offers a smarter, cleaner, and more responsible approach to pool water management. It empowers pool owners with easy installation, cutting-edge nanobubble technology, and tangible environmental benefits. Experience the future of pool life—where sustainability and performance converge.

swim puriti 838 o3 nano bubble mixer specs

Description	Metric	Imperial
1 Model name	Swim puriti 838 O3 nano bubble	Swim puriti 838 O3 nano bubble

2 Model number	turbiti_838_wallmount_galvanized-box_swim-puriti	turbiti_838_wallmount_galvanized-box_swim-puriti
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Liquid	Metric	Imperial
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3 Minimum flow / minute	150 Liter	40 Gallon
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4 Maximum flow / minute	400 Liter	106 Gallon
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5 Minimum flow / hour	9.0 M3	317.8 CF
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6 Maximum flow / hour	24 M3	848 CF
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7 water temperature minimum	-20 °C	-4 °F
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8 water temperature maximum	40 °C	104 °F
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9 Strainer availability and size		
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Ambient	Metric	Imperial
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10 Ambient temperature minimum	-20 °C	-4 °F
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11 Ambient temperature maximum	40 °C	104 °F
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12 Relative humidity minimum	1 %	1 %
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13 Relative humidity maximum	100 %	100 %
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Gas	Metric	Imperial
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14 Minimum flow / minute	5.0 Liter	1.3 Gallon
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15 Maximum flow / minute	8.0 Liter	2.1 Gallon
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16 Minimum flow / hour	300 Liter	79 Gallon
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Gas		Metric	Imperial
17	Maximum flow / hour	480 Liter	127 Gallon
18	Pressure minimum	50 kPa	7 PSI
19	Pressure maximum	350 kPa	51 PSI
20	Gas quality	Suitable for ozone	Suitable for ozone
21	Gas remark	Safe ozone injection via a venturi under vacuum	Safe ozone injection via a venturi under vacuum
Electrical		Metric	Imperial
22	Unit phase Ø voltage		
23	Unit power consumption	No pump included with this product. Estimated power consumption 750-2000 watts.	No pump included with this product. Estimated power consumption 750-2000 watts.
24	Wetted parts	PVC, SUS304, SUS316, PVDF, EPDM, Silicone, Viton	PVC, SUS304, SUS316, PVDF, EPDM, Silicone, Viton
25	Pump model		
26	Pump phase Ø voltage		
27	Pump phase Ø voltage 60Hz		
28	Pump pressure setting		
29	Control	Manual control with diaphragm valve to set venturi-vacuum accompanied with a vacuum gauge	Manual control with diaphragm valve to set venturi-vacuum accompanied with a vacuum gauge
Connections		Metric	Imperial
30	Water inlet	Rc 2", inner thread	Rc 2", inner thread
31	Water outlet	Rc 1", inner thread	Rc 1", inner thread
32	Gas inlet	silicone hose 5x9mm (inner x outer diameter hose)	silicone hose 5x9mm (inner x outer diameter hose)
Dimensions & weight		Metric	Imperial
33	Dim. (w) x (d) x (h)	650 x 1014 x 270 mm	25.6 x 39.9 x 10.6 inch

Dimensions & weight		Metric	Imperial
34	weight	40 Kg	88.2 lbs.
35	Shipping dim. (w)x(d)x(h)	108 x 72 x 30 cm	43 x 28 x 12 inch
36	Shipping weight	47 Kg	104 lbs.