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swim puriti o3: pool nanobubble generators | acniti

Chlorine odors, algae, and rising chemical costs are the problems Swim Puriti O3 is built to solve. This pool nanobubble generator delivers ozone-enriched ultrafine bubbles directly into your return line, combining powerful oxidation with nanobubble persistence for crystal-clear, low-chemical water. Available in seven sizes from 75 to 600 LPM for residential, spa, and commercial pools.

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swim puriti o3: pool nanobubble tech for ozone-enhanced swimming

- 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 swimpuriti 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 SwimPuriti 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, SwimPuriti stands out as a breakthrough in pool water treatment, leveraging ozone-enriched nanobubbles for superior clarity, hygiene, and ecological stewardship.

swimpuriti with a commercial oxygen concentrator.

The SwimPuriti Ozone solution combines two components: the SwimPuriti 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

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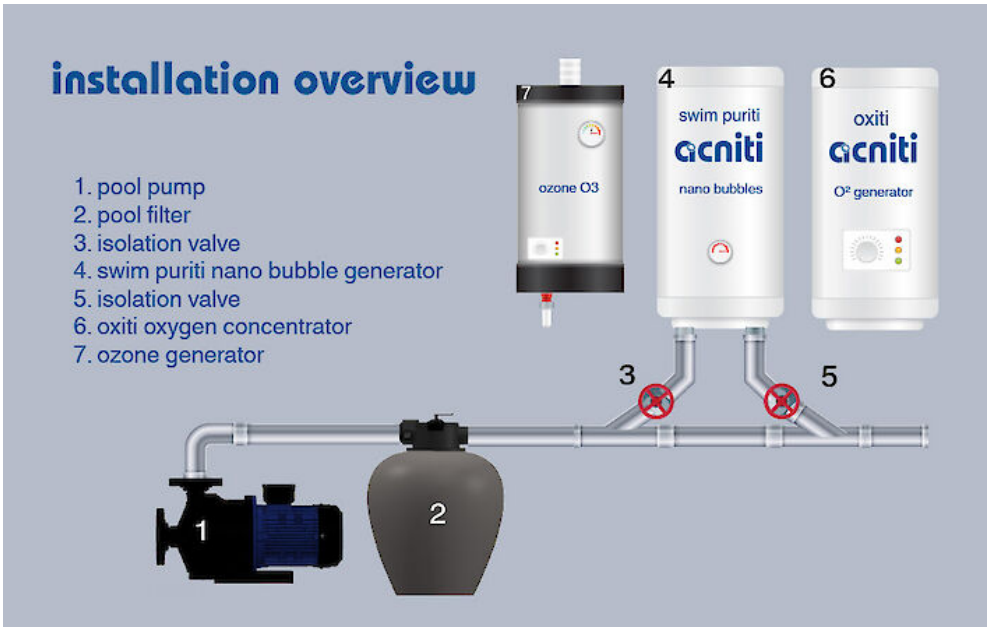
than a grain of sand. When injected into water, they remain suspended for extended periods, thereby maximizing the disinfecting and clarifying effects of ozone. The result is water that is crisper, cleaner, and contains fewer contaminants.

fits in existing installations

SwimPuriti 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 SwimPuriti 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.

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swimpuriti 838 o3 ozone nanobubble mixer specs | acniti

	General		
1	Model name	Swim Puriti O3: Pool Nanobubble Tech for Ozone-Enhanced Swimming	
2	Model number	turbiti_838_wallmount_galvanized-box_swim-puriti	
	Liquid	**Metric**	**Imperial**
3	Minimum flow / minute	150 Liter	40 Gallon
4	Maximum flow / minute	400 Liter	106 Gallon
5	Minimum flow / hour	9.0 M3	317.8 CF
6	Maximum flow / hour	24 M3	848 CF
7	water temperature minimum	-20 °C	-4 °F
8	water temperature maximum	40 °C	104 °F
9	Strainer availability and size		
	Ambient	**Metric**	**Imperial**
10	Ambient temperature minimum	-20 °C	-4 °F
11	Ambient temperature maximum	40 °C	104 °F
12	Relative humidity minimum	1 %	
13	Relative humidity maximum	100 %	
	Gas	**Metric**	**Imperial**
14	Minimum flow / minute	5.0 Liter	1.3 Gallon
15	Maximum flow / minute	8.0 Liter	2.1 Gallon
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	
21	Gas remark	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.	
24	Wetted parts	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	
	Connections		
30	Water inlet	Rc 2", inner thread	
31	Water outlet	Rc 1", inner thread	
32	Gas inlet	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
34	weight	40 Kg	88.2 lbs.
35	HS code	8479.82.0040	
36	Shipping dim. (w)x(d)x(h)	108 x 72 x 30 cm	43 x 28 x 12 inch
37	Shipping weight	47 Kg	104 lbs.

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