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acniti

oxiti aerator 100

Transform your underwater oxygenation with the revolutionary Oxiti Aerator 100 from Acniti LLC. This cutting-edge nanobubble aerator delivers an impressive 40 liters of air per minute, making it the perfect solution when traditional oxygen concentrators aren't practical. Engineered for deep-water applications up to 6 meters, it seamlessly integrates with nanobubble generators like the Turbiti 747 to dissolve oxygen efficiently while creating massive quantities of beneficial nanobubbles. What sets the Oxiti apart is its completely oilless design and remarkable maintenance-free operation lasting 10,000 to 15,000 hours - requiring only simple air filter changes for optimal performance.



oxiti aerator 100

oxiti nanobubble aerator 100

- ✓ Strong high quality aerator pump for continuous operation
- ✓ Depending on air injection depth an airflow of 100 - 40 liters per minute
- ✓ Built of quality components international renowned companies
- ✓ Air injection possible up to a depth of 6 meters, when used with a venturi larger depths possible.
- ✓ Available in single phase 100 - 115 Volt or 200 - 240 volt

nanobubble aerator

When an oxygen concentrator is not a practical solution, Acniti offers an aerator that can supply large quantities of air to a nanobubble generator. It's possible to place, for example, a Turbiti 747 nanobubble generator at a depth of 6 meters, and the Oxiti aerator will supply 40 liters of air per minute. Dissolving oxygen into the water and also creating large quantities of nanobubbles. The Oxiti aerator is oilless and maintenance-free for approximately 10,000 to 15,000 hours. The only regular maintenance required is changing the air inlet filter.

industrial aerator specs 100 lpm

Description		Metric	Imperial
1	Model name	industrial aerator 100 LPM	industrial aerator 100 LPM
2	Model number	oxiti-100-aerator	oxiti-100-aerator
Liquid		Metric	Imperial
3	Strainer availability and size		
Gas		Metric	Imperial
4	Minimum flow / minute	0.1 M3	2.1 CF
5	Maximum flow / minute	0 M3	3.5 CF
6	Minimum flow / minute	0.1 M3	2.5 CF
7	Maximum flow / minute	0.1 M3	4.2 CF
8	Minimum flow / hour	3.6 M3	127 CF
9	Maximum flow / hour	6.0 M3	212 CF
10	Minimum flow / hour	4.2 M3	148 CF
11	Maximum flow / hour	7.2 M3	254 CF
12	Pressure minimum 50 Hz	1 kPa	0 PSI
13	Pressure maximum 50 Hz	400 kPa	58 PSI
14	Pressure minimum 60 Hz	1 kPa	0 PSI
15	Pressure maximum 60 Hz	400 kPa	58 PSI
16	Gas quality		
17	Gas remark	Clean Air	Clean Air
Electrical		Metric	Imperial
18	Unit phase Ø voltage		

Electrical		Metric	Imperial
19	Unit power consumption		
20	Wetted parts		
21	Pump model		
22	Pump phase Ø voltage	Model either 100 to 127V or 200 to 240V	Model either 100 to 127V or 200 to 240V
23	Pump motor 50Hz	550 Watt	0.7 hp
24	Pump motor 60Hz	650 Watt	0.9 hp
25	Pump phase Ø voltage 60Hz	Model either 100 to 127V or 200 to 240V	Model either 100 to 127V or 200 to 240V
26	Pump pressure setting		
27	Control		
Connections		Metric	Imperial
28	Water inlet		
29	Water outlet		
30	Gas inlet	10 mm push to connect fitting or 3/8" on request	10 mm push to connect fitting or 3/8" on request
Dimensions & weight		Metric	Imperial
31	Dim. (w) x (d) x (h)	270 x 550 x 450 mm	10.6 x 21.7 x 17.7 inch
32	weight	19 Kg	41.9 lbs.
33	Shipping dim. (w)x(d)x(h)	36 x 61 x 46 cm	14 x 24 x 18 inch
34	Shipping weight	22 Kg	49 lbs.