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turbiti wall mount

The wall mounted Turbiti is the multipurpose nanobubble generator suitable for agriculture, horticulture and fish cultivation sites. Super saturation of oxygen for water day storage tanks in horticulture. Drinking water solutions for chicken, cows, pigs and horses, giving high DO water with ultrafine bubbles to animals with enhance their food digestion more efficiently and results in healthier animals.



turbiti wall mount

turbiti wall mounted nanobubble mixer with enhanced aeration technology

- Clean Tech Chemical free cleaning solutions
- easy to implement in existing installations
- efficient gas dissolution and ultrafine bubble production
- uses turbiti nanobubble production technology
- systems in use for poultry and livestock drinking water
- nanobubble production for irrigation ponds for agriculture
- combined in wastewater treatment systems
- special chemical and hydrochloric acid resistant version available

The Turbiti O2 is the multipurpose ultrafine bubble generator suitable for agriculture, horticulture and fish cultivation sites. The Turbiti O2 must be combined with an oxygen generator, which creates 90% pure oxygen out of air.

Inside the turbiti O2 is Acniti's low pressure static mixer swirl flow technology, which creates billions of nano-sized bubbles by beating up the gas water mixture. The Turbiti O2 is flexible to implement, as it can be used with a wide array of pumps.

The turbiti O2 is used for aerating fishponds with nanobubbles. Super saturation of oxygen for water day storage tanks in horticulture. Drinking water solutions for chicken, cows, pigs and horses, giving high DO water with ultrafine bubbles to animals with enhance their food digestion more efficiently and results in healthier animals.





turbiti 727 o2 nanobubble mixer in wall mounted enclosure specs

	Description	Metric	Imperial
1	Model name	Turbiti 727 O2 in wall mounted enclosure	Turbiti 727 O2 in wall mounted enclosure
2	Model number	turbiti_727_wallmount_g alvanized-box	turbiti_727_wallmount_galva nized-box
	Liquid	Metric	Imperial
3	Minimum flow / minute	75 Liter	20 Gallon
4	Maximum flow / minute	150 Liter	40 Gallon
5	Minimum flow / hour	4.5 M3	158.9 CF
6	Maximum flow / hour	9.0 M3	317.8 CF
7	water temperature minimum	-20 °C	-4 °F
8	water temperature maximum	50 °C	122 °F
9	Strainer availability and size	No strainer on the equipment, strainer required when particles larger than 1 or 2 mm.	No strainer on the equipment, strainer required when particles larger than 1 or 2 mm.
10	Recommended inlet filter(s)	Medium pump inlet filter series	Medium pump inlet filter series
	Ambient	Metric	Imperial
11	Ambient temperature minimum	-20 °C	-4 °F
12	Ambient temperature maximum	50 °C	122 °F
13	Relative humidity minimum	0 %	0 %
14	Relative humidity maximum	100 %	100 %



	Gas	Metric	Imperial
15	Minimum flow / minute	2.5 Liter	0.7 Gallon
16	Maximum flow / minute	5.0 Liter	1.3 Gallon
17	Minimum flow / hour	150 Liter	40 Gallon
18	Maximum flow / hour	300 Liter	79 Gallon
19	Pressure minimum	50 kPa	7 PSI
20	Pressure maximum	350 kPa	51 PSI
21	Gas quality	No corrosive gasses: suitable for O2, air, CO2, N2	No corrosive gasses: suitable for O2, air, CO2, N2
22	Gas remark	The mentioned pressures are recommended pressures for bubble generation. The product itself can withstand pressures up to 500 kPa.	The mentioned pressures are recommended pressures for bubble generation. The product itself can withstand pressures up to 500 kPa.
	Electrical	Metric	Imperial
23	Electrical Unit phase Ø voltage	Metric	Imperial
23		No pump included with	
	Unit phase Ø voltage Unit power	No pump included with this product. Estimated power consumption	No pump included with this product. Estimated power consumption 750-1000
24	Unit phase Ø voltage Unit power consumption	No pump included with this product. Estimated power consumption 750-1000 watts. nylon based resins, PVC, EPDM rubber	No pump included with this product. Estimated power consumption 750-1000 watts. nylon based resins, PVC,
24	Unit phase Ø voltage Unit power consumption Wetted parts	No pump included with this product. Estimated power consumption 750-1000 watts. nylon based resins, PVC, EPDM rubber Recommended: use of a low head centrifugal	No pump included with this product. Estimated power consumption 750-1000 watts. nylon based resins, PVC, EPDM rubber Recommended: use of a low head centrifugal pump or
242526	Unit phase Ø voltage Unit power consumption Wetted parts Pump model	No pump included with this product. Estimated power consumption 750-1000 watts. nylon based resins, PVC, EPDM rubber Recommended: use of a low head centrifugal	No pump included with this product. Estimated power consumption 750-1000 watts. nylon based resins, PVC, EPDM rubber Recommended: use of a low head centrifugal pump or
24252627	Unit phase Ø voltage Unit power consumption Wetted parts Pump model Pump phase Ø voltage Pump phase Ø voltage	No pump included with this product. Estimated power consumption 750-1000 watts. nylon based resins, PVC, EPDM rubber Recommended: use of a low head centrifugal	No pump included with this product. Estimated power consumption 750-1000 watts. nylon based resins, PVC, EPDM rubber Recommended: use of a low head centrifugal pump or



	Electrical	Metric	Imperial
30	Control	Manual by pressure gauche	Manual by pressure gauche
	Pump		
31	@option	Ebara-Matrix-5-3	
	Connections	Metric	Imperial
32	Water inlet	Rigid Rc 1" female coupling with thread	Rigid Rc 1" female coupling with thread
33	Water outlet	rigid Rc 3/4" female coupling with thread	rigid Rc 3/4" female coupling with thread
34	Gas inlet	10 mm standard quick fitting, 3/8 on request	10 mm standard quick fitting, 3/8 on request
	Dimensions & weight	Metric	Imperial
35	Dim. (w) x (d) x (h)	644 x 200 x 1040 mm	25.4 x 7.9 x 40.9 inch
36	weight	26.5 Kg	58.4 lbs.
37	Shipping dim. (w)x(d)x(h)	67 x 37 x 107 cm	26 x 15 x 42 inch
38	Shipping weight	35 Kg	77 lbs.
	Remarks		
39	Other remarks	Easy to integrate wit	th existing pool pumps



turbiti 737 o2 nanobubble mixer in wall mounted enclosure specs

	Description	Metric	Imperial
1	Model name	Turbiti 737 O2 in wall mounted enclosure	Turbiti 737 O2 in wall mounted enclosure
2	Model number	turbiti_737_wallmount_g alvanized-box	turbiti_737_wallmount_galva nized-box
	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	50 °C	122 °F
9	Strainer availability and size	No strainer on the equipment, strainer required when particles larger than 1 or 2 mm.	No strainer on the equipment, strainer required when particles larger than 1 or 2 mm.
10	Recommended inlet filter(s)	Medium pump inlet filter series	Medium pump inlet filter series
	Ambient	Metric	Imperial
11	Ambient temperature minimum	-20 °C	-4 °F
12	Ambient temperature maximum	50 °C	122 °F
13	Relative humidity minimum	0 %	0 %
14	Relative humidity maximum	100 %	100 %



	Gas	Metric	Imperial
15	Minimum flow / minute	5.0 Liter	1.3 Gallon
16	Maximum flow / minute	8.0 Liter	2.1 Gallon
17	Minimum flow / hour	300 Liter	79 Gallon
18	Maximum flow / hour	480 Liter	127 Gallon
19	Pressure minimum	50 kPa	7 PSI
20	Pressure maximum	300 kPa	44 PSI
21	Gas quality	No corrosive gasses: suitable for O2, air, CO2, N2	No corrosive gasses: suitable for O2, air, CO2, N2
22	Gas remark	The mentioned pressures are recommended pressures for bubble generation. The product itself can withstand pressures up to 500 kPa.	The mentioned pressures are recommended pressures for bubble generation. The product itself can withstand pressures up to 500 kPa.
	Electrical	Metric	Imperial
23	Electrical Unit phase Ø voltage	Metric	Imperial
23		No pump included with	
	Unit phase Ø voltage Unit power	No pump included with this product. Estimated power consumption	No pump included with this product. Estimated power consumption 750-1000
24	Unit phase Ø voltage Unit power consumption	No pump included with this product. Estimated power consumption 750-1000 watts. nylon based resins, PVC, EPDM rubber	No pump included with this product. Estimated power consumption 750-1000 watts. nylon based resins, PVC,
24	Unit phase Ø voltage Unit power consumption Wetted parts	No pump included with this product. Estimated power consumption 750-1000 watts. nylon based resins, PVC, EPDM rubber Recommended: use of a low head centrifugal	No pump included with this product. Estimated power consumption 750-1000 watts. nylon based resins, PVC, EPDM rubber Recommended: use of a low head centrifugal pump or
242526	Unit phase Ø voltage Unit power consumption Wetted parts Pump model	No pump included with this product. Estimated power consumption 750-1000 watts. nylon based resins, PVC, EPDM rubber Recommended: use of a low head centrifugal	No pump included with this product. Estimated power consumption 750-1000 watts. nylon based resins, PVC, EPDM rubber Recommended: use of a low head centrifugal pump or
24252627	Unit phase Ø voltage Unit power consumption Wetted parts Pump model Pump phase Ø voltage Pump phase Ø voltage	No pump included with this product. Estimated power consumption 750-1000 watts. nylon based resins, PVC, EPDM rubber Recommended: use of a low head centrifugal	No pump included with this product. Estimated power consumption 750-1000 watts. nylon based resins, PVC, EPDM rubber Recommended: use of a low head centrifugal pump or



	Electrical	Metric	Imperial
30	Control	Manual by pressure gauche	Manual by pressure gauche
	Pump		
31	@option	Grundfos CM10-1	
32	@option	Ebara pump DWO-400	
	Connections	Metric	Imperial
33	Water inlet	Rigid Rc 2" female coupling with thread	Rigid Rc 2" female coupling with thread
34	Water outlet	rigid Rc 1" female coupling with thread	rigid Rc 1" female coupling with thread
35	Gas inlet	10 mm standard quick fitting, 3/8 on request	10 mm standard quick fitting, 3/8 on request
	Dimensions & weight	Metric	Imperial
36	Dim. (w) x (d) x (h)	644 x 200 x 1040 mm	25.4 x 7.9 x 40.9 inch
37	weight	26.5 Kg	58.4 lbs.
38	Shipping dim. (w)x(d)x(h)	67 x 37 x 107 cm	26 x 15 x 42 inch
39	Shipping weight	35 Kg	77 lbs.
	Remarks		
40	Other remarks	Easy to integrate wit	th existing pool pumps



turbiti 747 o2 nanobubble mixer in wall mounted enclosure specs

	Description	Metric	Imperial
1	Model name	Turbiti 747 O2 in wall mounted enclosure	Turbiti 747 O2 in wall mounted enclosure
2	Model number	turbiti_747_wallmount_g alvanized-box	turbiti_747_wallmount_galva nized-box
	Liquid	Metric	Imperial
3	Minimum flow / minute	400 Liter	106 Gallon
4	Maximum flow / minute	600 Liter	159 Gallon
5	Minimum flow / hour	24 M3	848 CF
6	Maximum flow / hour	36 M3	1,271 CF
7	water temperature minimum	-20 °C	-4 °F
8	water temperature maximum	50 °C	122 °F
9	Strainer availability and size	No strainer on the equipment, strainer required when particles larger than 1 or 2 mm.	No strainer on the equipment, strainer required when particles larger than 1 or 2 mm.
10	Recommended inlet filter(s)	Medium pump inlet filter series	Medium pump inlet filter series
	Ambient	Metric	Imperial
11	Ambient temperature minimum	-20 °C	-4 °F
12	Ambient temperature maximum	50 °C	122 °F
13	Relative humidity minimum	0 %	0 %
14	Relative humidity maximum	100 %	100 %



	Gas	Metric	Imperial
15	Minimum flow / minute	5.0 Liter	1.3 Gallon
16	Maximum flow / minute	8.0 Liter	2.1 Gallon
17	Minimum flow / hour	300 Liter	79 Gallon
18	Maximum flow / hour	480 Liter	127 Gallon
19	Pressure minimum	50 kPa	7 PSI
20	Pressure maximum	300 kPa	44 PSI
21	Gas quality	No corrosive gasses: suitable for O2, air, CO2, N2	No corrosive gasses: suitable for O2, air, CO2, N2
22	Gas remark	The mentioned pressures are recommended pressures for bubble generation. The product itself can withstand pressures up to 500 kPa.	The mentioned pressures are recommended pressures for bubble generation. The product itself can withstand pressures up to 500 kPa.
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	Electrical	Metric	Imperial
23	Electrical Unit phase Ø voltage	Metric	Imperial
23		No pump included with this product. Estimated power consumption 1500-2000 watts.	No pump included with this product. Estimated power consumption 1500-2000 watts.
	Unit phase Ø voltage Unit power	No pump included with this product. Estimated power consumption	No pump included with this product. Estimated power consumption 1500-2000
24	Unit phase Ø voltage Unit power consumption	No pump included with this product. Estimated power consumption 1500-2000 watts. nylon based resins, PVC, EPDM rubber	No pump included with this product. Estimated power consumption 1500-2000 watts. nylon based resins, PVC,
24	Unit phase Ø voltage Unit power consumption Wetted parts	No pump included with this product. Estimated power consumption 1500-2000 watts. nylon based resins, PVC, EPDM rubber Recommended: use of a low head centrifugal	No pump included with this product. Estimated power consumption 1500-2000 watts. nylon based resins, PVC, EPDM rubber Recommended: use of a low head centrifugal pump or
242526	Unit phase Ø voltage Unit power consumption Wetted parts Pump model	No pump included with this product. Estimated power consumption 1500-2000 watts. nylon based resins, PVC, EPDM rubber Recommended: use of a low head centrifugal	No pump included with this product. Estimated power consumption 1500-2000 watts. nylon based resins, PVC, EPDM rubber Recommended: use of a low head centrifugal pump or
24252627	Unit phase Ø voltage Unit power consumption Wetted parts Pump model Pump phase Ø voltage Pump phase Ø voltage	No pump included with this product. Estimated power consumption 1500-2000 watts. nylon based resins, PVC, EPDM rubber Recommended: use of a low head centrifugal	No pump included with this product. Estimated power consumption 1500-2000 watts. nylon based resins, PVC, EPDM rubber Recommended: use of a low head centrifugal pump or



	Electrical	Metric	Imperial
30	Control	Manual by pressure gauche	Manual by pressure gauche
	Connections	Metric	Imperial
31	Water inlet	Rigid Rc 2" female coupling with thread	Rigid Rc 2" female coupling with thread
32	Water outlet	rigid Rc 1.5" female coupling with thread	rigid Rc 1.5" female coupling with thread
33	Gas inlet	10 mm standard quick fitting, 3/8 on request	10 mm standard quick fitting, 3/8 on request
	Dimensions & weight	Metric	Imperial
34	Dimensions & weight Dim. (w) x (d) x (h)	Metric 644 x 200 x 1040 mm	Imperial 25.4 x 7.9 x 40.9 inch
34 35		110	
	Dim. (w) x (d) x (h)	644 x 200 x 1040 mm	25.4 x 7.9 x 40.9 inch
35	Dim. (w) x (d) x (h) weight Shipping dim.	644 x 200 x 1040 mm 26.5 Kg	25.4 x 7.9 x 40.9 inch 58.4 lbs.
35 36	Dim. (w) x (d) x (h) weight Shipping dim. (w)x(d)x(h)	644 x 200 x 1040 mm 26.5 Kg 67 x 37 x 107 cm	25.4 x 7.9 x 40.9 inch 58.4 lbs. 26 x 15 x 42 inch