

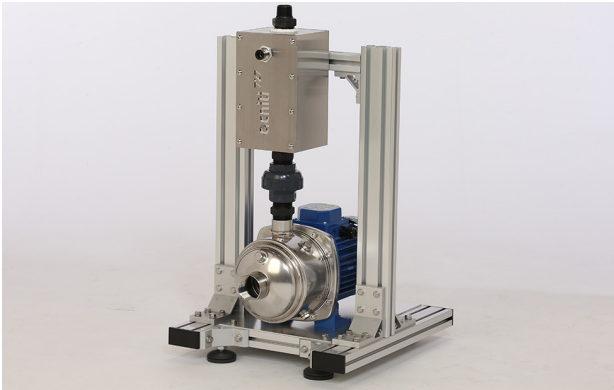


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turbiti pump skid

The Turbiti O2 pump skid is the multipurpose ultrafine bubble 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 pump skid

turbiti nanobubbles pump skid

- ✓ easy to implement in existing installations
- ✓ efficient gas dissolution and nanobubble production
- ✓ Clean Tech – Chemical free cleaning solutions
- ✓ combined in wastewater treatment systems
- ✓ systems in use for poultry and livestock drinking water
- ✓ uses turbiti nanobubble production technology
- ✓ nanobubble production for irrigation ponds for agriculture
- ✓ Currently available in single and 3 phase pumps, 1Ø230 volt, 3Ø230 or 3Ø400 volt

The pump skid nanobubble generator is a complete set, easy to install ready to go.

pump options


Acniti offers the Ebara DWO, Matrix and Ebara 3M pump series for the pump skid. The DWO series has an open impeller and is suitable to pump suspended solids in liquid and dirty water, handling spherical solids up to 19 mm. The Ebara 3M and Matrix are stainless steel pumps suitable for agriculture or aquaculture applications, pumping clean water energy efficient.

turbiti 737 pump skid specs

Description		Metric	Imperial
1	Model name	Turbiti 737 pump skid	Turbiti 737 pump skid
2	Model number	turbiti_pump-sus304_skid_737_3p-230V	turbiti_pump-sus304_skid_737_3p-230V
Ambient		Metric	Imperial
3	Ambient temperature minimum	-20 °C	-4 °F
4	Ambient temperature maximum	50 °C	122 °F
Gas		Metric	Imperial
5	Minimum flow / minute	5.0 Liter	1.3 Gallon
6	Maximum flow / minute	8.0 Liter	2.1 Gallon
7	Minimum flow / hour	300 Liter	79 Gallon
8	Maximum flow / hour	480 Liter	127 Gallon
9	Pressure minimum	100 kPa	15 PSI
10	Pressure maximum	350 kPa	51 PSI
Connections		Metric	Imperial
11	Water inlet	G 2.5" pump suction connection	G 2.5" pump suction connection
12	Water outlet	R 1", outer thread connection	R 1", outer thread connection
13	Gas inlet	10 mm push to connect fitting	10 mm push to connect fitting


turbiti 747 pump skid specs

Description		Metric	Imperial
1	Model name	Turbiti 747 pump skid	Turbiti 747 pump skid
2	Model number	turbiti_pump-sus304_skid_747_3p-230V	turbiti_pump-sus304_skid_747_3p-230V
Ambient		Metric	Imperial
3	Relative humidity minimum	0 %	0 %
4	Relative humidity maximum	100 %	100 %
Gas		Metric	Imperial
5	Minimum flow / minute	14 Liter	3.7 Gallon
6	Maximum flow / minute	16 Liter	4.2 Gallon
7	Minimum flow / hour	840 Liter	222 Gallon
8	Maximum flow / hour	960 Liter	254 Gallon
9	Pressure minimum	140 kPa	20 PSI
10	Pressure maximum	260 kPa	38 PSI
11	Gas quality	No corrosive gases, Oxygen, Air CO2 or N2 work fine	No corrosive gases, Oxygen, Air CO2 or N2 work fine
Electrical		Metric	Imperial
12	Unit phase Ø voltage	3Ø 230/400VAC ±10%	3Ø 230/400VAC ±10%
13	Unit power consumption	3000 watts	3000 watts
14	Wetted parts	SUS304 (316), Nylon, PVC	SUS304 (316), Nylon, PVC
15	Pump model	Ebara 3(L)M 50-125/3.0	Ebara 3(L)M 50-125/3.0
16	Pump phase Ø voltage	3Ø 230/400VAC ±10%	3Ø 230/400VAC ±10%
17	Pump motor 50Hz	3000 Watt	4.0 hp

Electrical		Metric	Imperial
18	Pump head 50Hz	14 Meter	46 ft
19	Pump suction method	pressure	pressure
Connections		Metric	Imperial
20	Water inlet	Flange DN65 according DIN 2532 Standard	Flange DN65 according DIN 2532 Standard
21	Water outlet	R 1.5"	R 1.5"
22	Gas inlet	10mm or 3/8"	10mm or 3/8"
Dimensions & weight		Metric	Imperial
23	weight	60 Kg	132.3 lbs.
Remarks			
24	Other remarks	 Its recommended to use a frequency drive with this pumpskid this enables more precise pressure control.	

turbiti 727 pump skid specs

Description		Metric	Imperial
1	Model name	Turbiti 727 pump skid	Turbiti 727 pump skid
2	Model number	turbiti_pump-sus304_skid_727_3p-230V_50Hz	turbiti_pump-sus304_skid_727_3p-230V_50Hz
Liquid		Metric	Imperial
3	Minimum flow / minute	32 Liter	8.5 Gallon
4	Maximum flow / minute	130 Liter	34 Gallon
5	Minimum flow / hour	1.9 M3	67.8 CF
6	Maximum flow / hour	7.8 M3	275.5 CF
Ambient		Metric	Imperial
7	Ambient temperature maximum	40 °C	104 °F
Gas		Metric	Imperial
8	Minimum flow / minute	2.0 Liter	0.5 Gallon
9	Maximum flow / minute	5.0 Liter	1.3 Gallon
10	Minimum flow / hour	120 Liter	32 Gallon
11	Maximum flow / hour	300 Liter	79 Gallon
12	Pressure minimum	100 kPa	15 PSI
13	Pressure maximum	350 kPa	51 PSI
14	Gas quality	No corrosive gases, Oxygen, Air CO2 or N2 work fine	No corrosive gases, Oxygen, Air CO2 or N2 work fine
Electrical		Metric	Imperial
15	Unit phase Ø voltage	3Ø 230/400VAC ±10%	3Ø 230/400VAC ±10%
16	Unit power consumption	650 watts	650 watts
17	Wetted parts	SUS304, Nylon, PVC	SUS304, Nylon, PVC
18	Pump model	Ebara-Matrix-5-3	Ebara-Matrix-5-3

Electrical		Metric	Imperial
19	Pump phase Ø voltage	3Ø 230/400VAC ±10%	3Ø 230/400VAC ±10%
20	Pump motor 50Hz	650 Watt	0.9 hp
21	Pump head 50Hz	16.9 Meter	55 ft
22	Pump suction method	pressure	pressure
Connections		Metric	Imperial
23	Water inlet	R 1 1/4"	R 1 1/4"
24	Water outlet	3/4"	3/4"
25	Gas inlet	10mm or 3/8"	10mm or 3/8"
Dimensions & weight		Metric	Imperial
26	Dim. (w) x (d) x (h)	340 x 400 x 540 mm	13.4 x 15.7 x 21.3 inch
27	weight	20.3 Kg	44.8 lbs.
28	Shipping dim. (w)x(d)x(h)	57 x 87 x 47 cm	22 x 34 x 19 inch
29	Shipping weight	25 Kg	55 lbs.
Remarks			
30	Other remarks	 Its recommended to use a frequency drive with this pumpskid this enables more precise pressure control.	

turbiti 747 316l pump skid

Description		Metric	Imperial
1	Model name	Turbiti 747 316L pump skid	Turbiti 747 316L pump skid
2	Model number	turbiti_pump-sus316_skid_747-O3A_3p-230V_50Hz	turbiti_pump-sus316_skid_747-O3A_3p-230V_50Hz
Connections		Metric	Imperial
3	Water inlet	RC 1.5", inner thread	RC 1.5", inner thread
4	Water outlet	Flange DN50 according DIN 2532 Standard	Flange DN50 according DIN 2532 Standard
5	Gas inlet	10mm push to connect fitting or 3/8" on request	10mm push to connect fitting or 3/8" on request
Remarks			
6	Other remarks	<ul style="list-style-type: none"> ✓ Turbiti pump skid with an ozone resistant pump. ✓ Other specifications similar as the turbiti pumpskid 747 	