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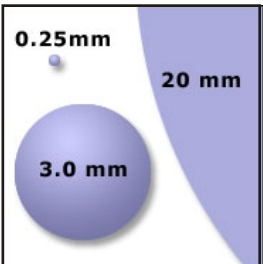
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VACUUM BUBBLE® TECHNOLOGY AERATOR

The Vacuum Bubble® Technology Aerators are an extremely efficient way to aerate a body of water. The technology produces extremely small bubbles, which transfer much more oxygen to the water than any other type of aeration. This significantly reduces the horse power required per oxygen demand.

The **VBT™ 100** and **VBT™ 200** series are most often used in home septic tanks and other tank-mounted applications. The **VBT™ 300** and **VBT™ 600** series are most often used in ponds, industrial tanks, and waste lagoons. Note: All units are available with a foam-filled polyethylene float.

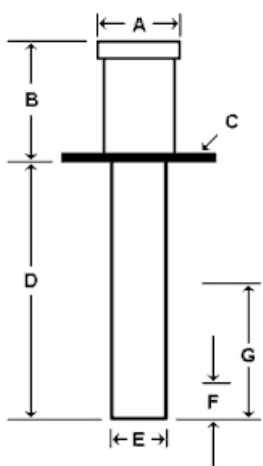


Relative size of bubbles produced by various aeration methods. Small bubbles have significantly more surface area to transfer oxygen!

- ♦VBT™ 0.25 mm diam.
- ♦Diffusers 3.0-20 mm diam.

SPECIFICATIONS				
VBT™ Model Series	100	200	300	600
Cubic Feet/Minute (Air)	0.21	1.25	5.00	22
Cubic Feet/Day (Air)	300	1,800	7,200	32,300
Lb. O ₂ /Day	5.50	32	132	605
Lb. O ₂ /Hp/Hour	3.44	5.33	5.50	8.40
Approximate Flow (Gal/Day) @ 300 PPM BOD5	1,000	6,000	18,000	80,000
Motor	1/15 Hp	1/4 Hp	1 Hp	3 Hp
Voltage 1Ø	120	120/240	120/240	NA
Full Load Amps 1Ø	0.80	6.2/3.1	12.0/6.0	NA
Voltage 3Ø	NA	NA	230/460	230/460
Full Load Amps 3Ø	NA	NA	3.2/1.6	9.0/4.5

DIMENSIONS



A: Motor Diameter	3.75"	6.00"	7.00"	7.00"
B1: Motor Height (1Ø)	8.00"	9.25"	11.00"	NA
B2: Motor Height (3Ø)	NA	9.00"	8.50"	11.00"
C: Mounting Plate	5.50" Ø	6.75" sq	12.00" sq	14.00" sq
D: Air Tube Length	23.00"	26.00"	23.00"	23.00"
E: Air Tube Diameter	2.00"	4.00"	8.00"	12.00"
F: Min Water Line	6.00"	6.00"	6.00"	6.00"
G: Max Water Line	20.00"	15.00"	14.00"	14.00"

Benefits

- ♦Elimination of Odors
- ♦Reduction in BOD & TSS
- ♦Reduction of Solid Waster Disposal
- ♦Reduction in Contamination of Groundwater



For more information on the science of how VBT aeration works, please request the VBT Science Information.