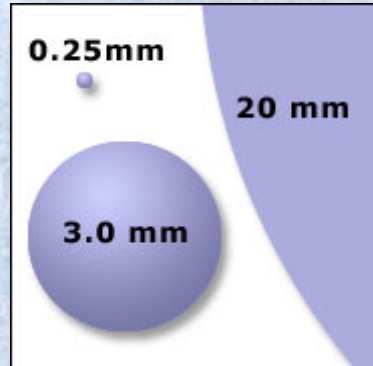




WSI-VBT™-601 VACUUM BUBBLE® AERATOR



FEATURES

The WSI-VBT™-601 Vacuum Bubble® Aerator is sized for large Dairy and Hog farming lagoons, large municipal sewage processing plants and large industrial applications. This unit has a floatation platform available as an option.

Tiny vacuum bubbles are created under a partial vacuum and consequently, as they enter the water, the higher water pressure surrounding them causes them to collapse further. There are no other documented aerators with bubbles as small as 0.25mm in diameter.

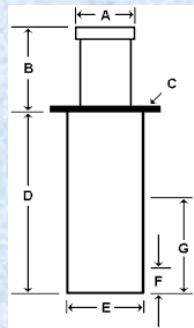
This technology addresses biochemical oxygen demand (BOD) and waste treatment problems by improving the performance of aerobic bacteria. As the aerobic bacteria oxidize waste and consume oxygen, the Vacuum Bubble® Technology Aerator makes additional oxygen readily available by producing very large populations of micro Vacuum Bubbles®. The process is proven to be highly energy-and cost-efficient across a wide range of applications.

The unit is designed for:

- Quick and easy installation
- Large dairy and hog farming lagoons
- Large sized wastewater treatment plants
- Large industrial applications

SPECIFIC ATIONS

Cubic Feet/Minute(Air)	22.4
Cubic Feet/Day (Air)	32,300
Lb. O ₂ /Day	608
Lb. O ₂ /Hp/Hour	8.44
Motor – WEG 3Hp	
Voltage (1 Phase)	220/460
Full Load Amps	7.43/3.71
Approximate Flow	120,000 GPD
Electrical Consumption	1.7 Kwh
Sphere of Influence	8'-25'



A: Motor Diameter	7.0"
B: Motor Height	11.55"
C: Motor Mount (Square)	14.0"
D: Air Tube Length	22.625"
E: Air Tube Diameter	12.5"
F: Min Water Line	6.0"
G: Max Water Line	16.0"

QUICK FACTS

- **Quick** installation & setup
- 0.25mm bubbles
- **Promotes aerobic bacterial growth**
- Reduces BOD/TSS by up to 85%

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