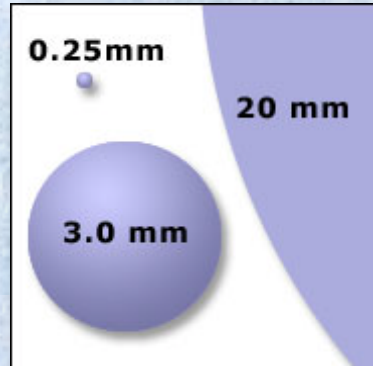




WSI-VBT™-300 VACUUM BUBBLE® AERATOR



FEATURES

The WSI-VBT™-300 Vacuum Bubble® Aerator is ideal for mid-sized CAFO facilities, small to medium sized municipal sewage processing sites, and portable sewage treatment modules. 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.

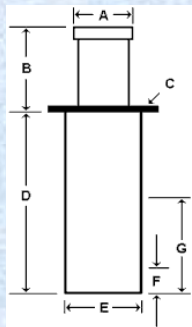
This technology addresses biochemical oxygen demand (BOD) and waste treatment problems by improving the performance of aerobic bacteria. As the aerobic bacteria oxidize waste and consume oxygen, the Vacuum Bubble® Technology Aerator makes additional oxygen readily available by producing very large populations 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
- Mid-sized CAFO facilities
- Small to medium sized wastewater treatment plants
- Portable sewage treatment modules

SPECIFICATIONS

Cubic Feet/Minute(Air)	5.0
Cubic Feet/Day (Air)	7,200
Lb. O ₂ /Day	132
Lb. O ₂ /Hp/Hour	5.5
Motor - Franklin 1Hp	
Voltage (1 Phase)	120/220
Full Load Amps	12.8/6.4
Approximate Flow	26,000 GPD
Electrical Consumption	1.4 Kwh
Sphere of Influence	8'-15'



A: Motor Diameter	7.3"
B: Motor Height	10.12"
C: Motor Mount (Square)	12.0"
D: Air Tube Length	22.5"
E: Air Tube Diameter	8.5"
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%

Water Services, Inc.

372 South 900 West, Provo, Utah 84601 ♦ Phone +1-801-705-4567 ♦ Fax +1-801-701-9240

www.water-services.us ♦ info@water-services.us

