AT A GLANCE

HOW IT WORKS

The Enterprise Aspirating Mixer uses a high volume axial flow propeller pump design that operates within a close tolerance throat.

The high volume of water that is propelled from the throat and forced through a scientifically designed venturi nozzle, more than doubles the velocity of the fluid pumped, causing a low pressure area to occur in the air intake.

With tremendous force, the liquid and air converge at the venturi nozzle and air delivery tube and discharge as a homogenous mix of rapidly moving aerated liquid.
IN ACTION

ADVANTAGES

- Four inch diameter air delivery tube
- Five inch diameter propeller
- Five inch diameter discharge nozzle
- Can be blower assisted
- No outboard bearing to wear or replace
- No couplings
- One piece 5/8" diameter shaft
- Shaft only 1-1/2" in length
- No long shafts to keep in balance
- No critical shaft alignment
- Stainless steel Franklin Electric Motor engineered to be submerged

PERFORMANCE DATA

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<th>HP</th>
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<th>Ph</th>
<th>Amp</th>
<th>KW</th>
<th>THRUST</th>
<th>GPM</th>
<th>AIR/CFM*</th>
<th>O₂/lb/hp/hr/**</th>
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*CFM will decrease as unit depth decreases.
**Oxygen transfer will decrease as unit depth decreases.

IMPORTANT: Variable conditions prevent determination of exact oxygen rates on any aeration device. A transfer rate of 2.0 lbs. oxygen/hp/hr, under standard conditions, at 1.5 feet of depth, should be used for planning purposes.

Manufactured under one or more of the following U.S. and Foreign patents:
NO. 3,667,973, No. 3,865,909, No. 4,014,526, No. 4,315,597, No. 4,464,259, No. 4,514,343, No. 4,581,182, No. 952,325, No. 1,043,770. Other U.S. and Foreign patents pending.
FLOATING CONFIGURATION

BOTTOM MOUNT CONFIGURATION
(Can be angled 2 degrees to 30 degrees)

OPTIONAL ACCESSORIES
3/16" SS Mooring cable and mooring hardware
SEOW Power cable (12 ga, 10 ga, & 8 ga)
NEMA3R Custom built control panels

ABOUT AIR-O-LATOR
For over 40 years, Air-O-Lator has been manufacturing De-Icers, Aerators, Fountains, Mixers, and Aspirators for water treatment. Our high performance and dependable products are engineered to improve water quality bringing about a healthy water eco-system along with aesthetic beautification.

Today, more than ever, in our environmentally challenged world, protecting and managing water (one of our most important natural resources) is our goal. The Air-O-Lator product line is designed to provide the most natural, energy efficient way to treat water quality problems while being easy to use and maintain. Each unit is made in the USA and constructed from the highest grade components.

Our products are backed by our outstanding customer service guarantee. When customers call, they speak to an experienced, knowledgeable, and personable employee who can answer questions or handle any product issues.