

Floating Aerator Mixer

Now With Advanced Oxidation Processing A.O.P.

Norwood Waterworks Provides Heavy Duty Industrial and Municipal Aeration and Mixing.

The Do2e High Volume State of the Art Aerator injects HIGH volume low pressure air through a specially designed multi chambered air manifold located at the bottom of the unit. This unit creates a surface current up to 4 knots for a distance up to 30.5 meters Using a unique combination of course air and fine air bubble aeration, we are able to move high volumes of water (up to 88578 M³/d), while at the same time transferring high volumes of dissolved oxygen throughout the water column. The fine air bubbles maximize the oxygen transfer while the course air bubbles provide the waters velocity. The combination of course and fine air bubbles released at a specific water depth within a confined space allows for a super efficient aeration system. This unit can operate in as little as 1.2 M of water, and can draw from depths of up to 4.88 M of water.



Features

- Produces high flow surface currents
- SAE 1.75 — 3.85 lbs of oxygen
- Moves up to 88578 M³/d
- NO MOVING PARTS
- Reduces energy cost by up to 80%
- Increases dissolved oxygen
- Removes most VOC's and heavy metals
- Reduces BOD & COD
- Low noise level (60db)
- Heavy duty, all welded marine grade PVC
- Oxidizes Hydro carbons
- Reduces sludge build up by up to 80%
- Total destratification of water bodies
- Operates in 1.2 M of water
- Available in multiple HP's
- All green construction
- Designed to run 24/7
- Uses NO lubricants
- Fully self contained
- UV protected
- Portable

Solving Specialty WasteWater Problems
with **Innovative Green Technology!**


Norwood Waterworks

DREW BRYDON
Business Development Manager

DBrydon@NorwoodWaterworks.com
www.norwoodwaterworks.com

9439 – 34TH Street, Edmonton, AB T6B 2X6
Bus: 780-488-7788 Cell: 780-893-0928
Fax: 780-488-7714 Toll Free: 877-374-5500

SPECIFICATIONS

High Volume Flow up to 88500 M³/d

Model #	HP	SOTR	Flow Rate/M3/d	Power Source	M3/Min@50" Pressure	MSRP
SSA002	2	1.75	24226.6	Sgl or 3 phase	3.22	Call for \$
SSA003	3	2.35	31418.8	Sgl or 3 phase	4.62	Call for \$
SSA004	4	2.95	38232.5	3 phase only	6.02	Call for \$
SSA005	5	3.25	47696.0	3 phase only	6.86	Call for \$
DFA005	5	3.5	71544.1	3 phase	8.54	Call for \$

Benefits

- Increase dissolved oxygen
- High volume water flow (mixing)
- Reduces BOD & COD
- Reduces H₂S gas
- Reduces MOST heavy metals
- Reduces MOST Volatile Organic Compounds (VOC's)
- Reduces ammonia levels
- Oxides Hydro Carbons
- Destratifies water columns
- Reduces energy usage by up to 80%
- Reduces maintenance cost up to 85%
- Replaces outdated commercial mixers & aerators
- Reduces sludge build up by up to 75%
- Reduces fecal coli form
- Reduces Pharmaceuticals

- **SAE**= Standard aeration efficiency (oxygen transfer)
- **M³/d** = Cubic Meters/ Day
- **"SSA"** stands for "Single Sided Aerator"
- **"DFA"** stands for "Double Flow Aerator"

All prices are subject to change without notice.



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