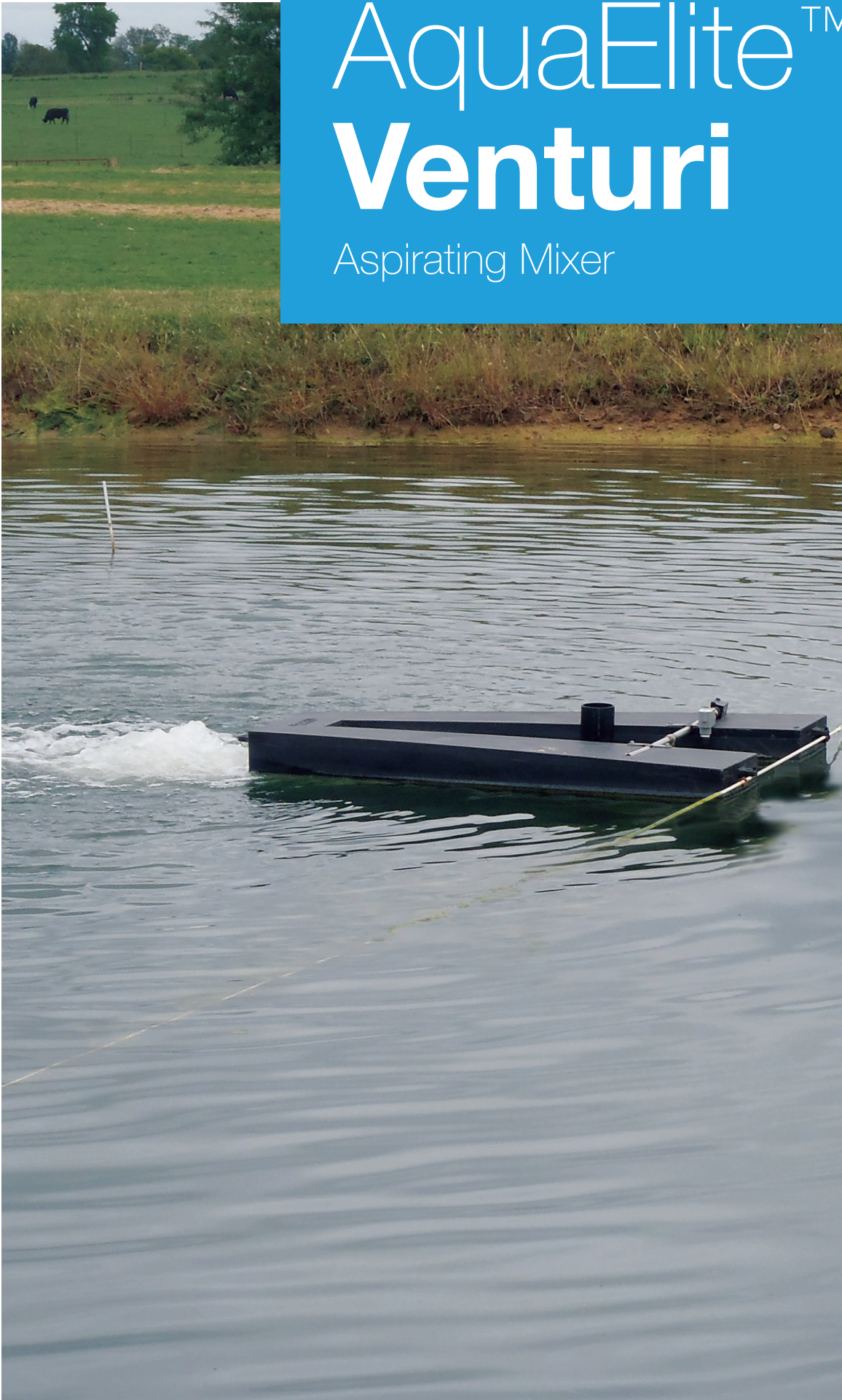


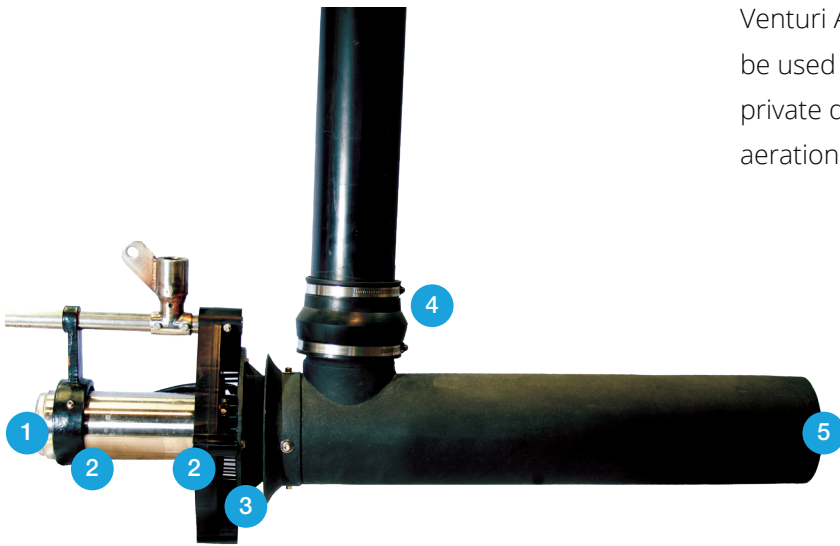
AquaElite™ Venturi

Aspirating Mixer



Venturi at a Glance

Venturi Aspirating Mixer is a versatile system that can be used in a number of applications. From fish farms to private docks, this unit can circulate as well as provide aeration to a body of water.

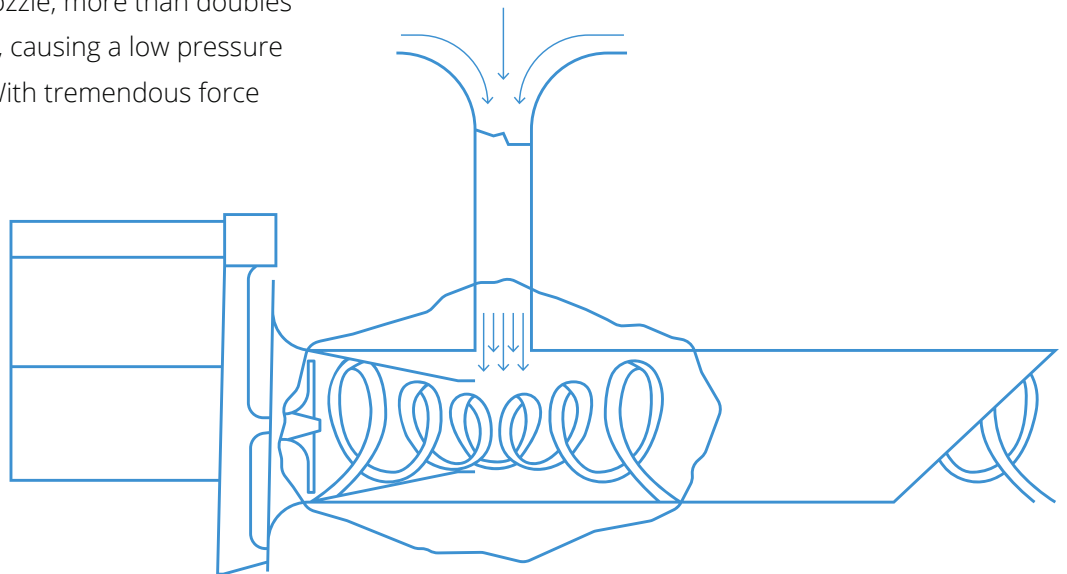


1. Stainless Steel Franklin Electric water cooled, water lubricated submersible motor with removable water block motor lead assembly
2. Motor mounts
3. Venturi Nozzle
4. Air delivery tube
5. Discharge nozzle

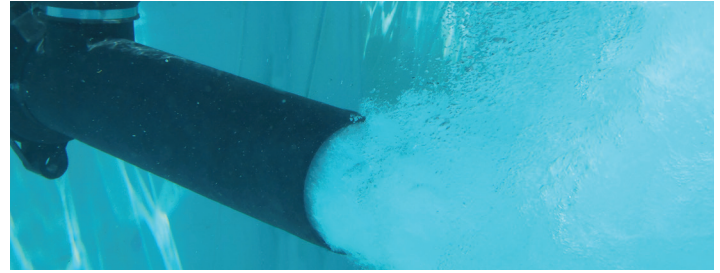
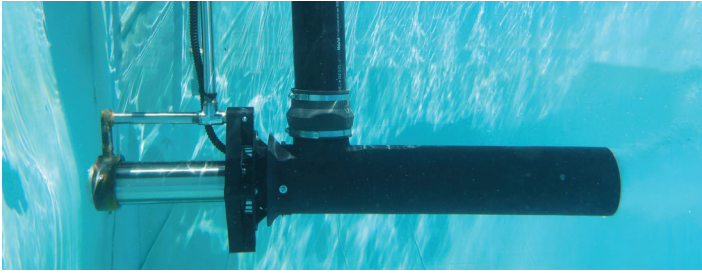
How it Works

The Venturi 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.



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
- 2 year Limited Warranty

Performance Data

Part No.	HP	Volts	PH	Amp	KW	Thrust (lbs.)	GPM	Air/CFM*	O ₂ /lb/hp/hr**
Venturi 50115am	1/2	115	1	12	.68	25	500	15	1 1/2
Venturi 50230am	1/2	230	1	6	.68	25	500	15	1 1/2
Venturi 752303am	3/4	230	3	3.3	.92	25	500	15	1 1/2
Venturi 754603am	3/4	460	3	1.6	.92	25	500	15	1 1/2
Venturi 1230am	1	230	1	9.8	1.2	35	1,000	20	2
Venturi 752303am	1 1/2	230	3	6	2	35	1,000	20	2
Venturi 754603am	1 1/2	460	3	3	2	35	1,000	20	2

*CFM will decrease as unit depth increases.

**Oxygen transfer will decrease as unit depth increases.

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.

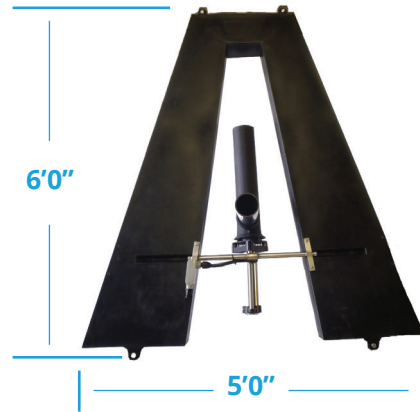
Manufactured under one or more of the following U.S. and Foreign patents:

NO. 3,667,873, No. 3,865,909, No. 4,014,526, No. 4,431,597, 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



Mounting Configuration



BOTTOM MOUNT CONFIGURATION

(Can be angled 2 degrees
to 30 degrees)



WINCH MOUNT CONFIGURATION

To learn more about our full line of **AquaElite™** fountains and products, reach out to a fountain expert today.

AquaElite™

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online at aquaeliteproducts.com.

