



**Aeration
Industries®**

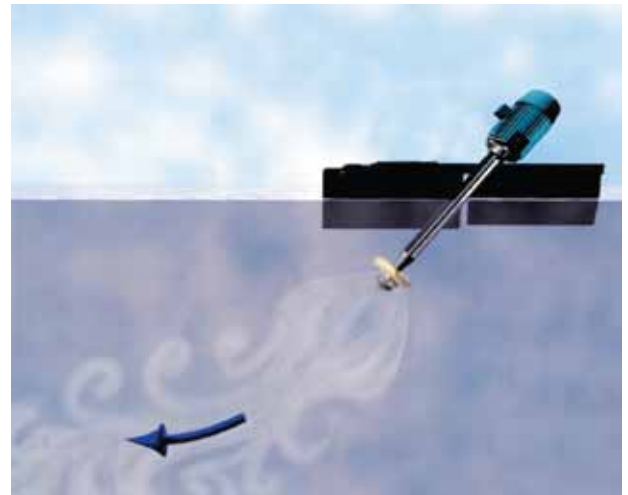
AIRE-O₂® Mixer

Ultimate mixing power!

The AIRE-O₂® Mixer is a slow-speed surface mounted, variable angle mixer with low power consumption for the mixing requirements of aeration tanks, oxidation ovals, digesters, lagoons, anoxic basins and chemical mix tanks. An above surface motor ensures simple, almost maintenance free operation. The patented mixer was developed by Aeration Industries International, developer of the innovative AIRE-O₂® aspirator and Triton process aerator/mixer technologies. Founded in 1974, more than 65,000 aerators have been installed throughout the U.S. and over 92 countries worldwide.

AIRE-O₂® Mixer Benefits:

- Simple to install and maintain.
- Made of high-grade materials for corrosive environments.
- Large anti-fouling propeller.
- Variable angle offers flexibility.
- No flock shears, prevents "short circuiting."
- Low speed (900 rpm/60 Hz – 750 rpm/50 Hz) operation ensures extended equipment life, greatly improves mixing, and offers quiet operation.
- Fast and simple application retrofits.
- Available in 2 – 75 Hp (1.5 to 55.9 kW) sizes and worldwide voltage, phase, and Hertz combinations.
- Up to Five (5) Year Warranty, depending on application.



The AIRE-O₂® Mixer's variable angle offers flexibility and is ideal for mixing applications.

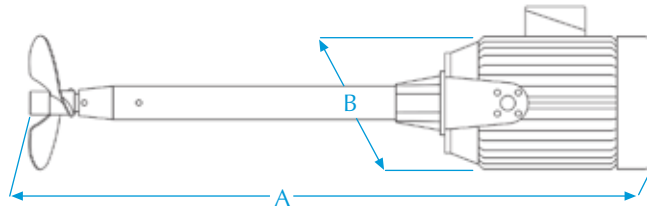


A 10 Hp AIRE-O₂® Mixer provides dependable, energy-efficient mixing in this SBR application located in Asia.

AIRE-O₂® Mixer

Applications:

- Sequencing Batch Reactors (SBRs)
- Anoxic basins
- Sludge digesters
- Aeration tanks
- Oxidation ovals
- Chemical mix tanks
- Lagoons
- Supplemental mixing



60 / 50 Hz Weights & Measures for the AIRE-O₂® Mixer:

NEMA AND IEC Motors Available

HP	Kw	Dimensions		Motor Frame Size	60 hz Motor RPM	Motor 60 hz FLA@ 460V	50 hz Motor RPM	Motor 50 hz FLA@ 380V	Ship weight lbs. (kg)	Pontoon System Avail.	Pontoon System
		A In. (m)	B In. (m)								
2	1.5	70 (1.78)	11 (.28)	215TCZ	860	4	750	5	330 (150)	a	a Tri-pontoon
3	2.2	70 (1.78)	11 (.28)	215TCZ	865	5	750	6	340 (154)	a	b Quad-pontoon
5	4	76 (1.93)	14 (.36)	254TCZ	865	8	750	10	480 (218)	a	c Penta-pontoon
7.5	5.5	76 (1.93)	14 (.36)	256TCZ	865	11	750	12	540 (245)	a	d Hexa-pontoon
10	7.5	87 (2.21)	16 (.41)	284TCZ	870	15	750	17	660 (299)	b	e Hepta-pontoon
15	11	87 (2.21)	16 (.41)	286TCZ	870	23	750	25	680 (308)	b	f Octa-pontoon
20	15	87 (2.21)	18 (.46)	324TCZ	880	29	750	33	880 (399)	b	
25	18.5	93 (2.36)	18 (.46)	326TCZ	880	35	750	42	910 (413)	b	
30	22	93 (2.36)	18 (.46)	364TCZ	875	42	750	51	1400 (635)	c	
50	37	102 (2.59)	19 (.48)	250SM	887	64	735	74	1515 (687)	e	
60	45	102 (2.59)	19 (.48)	250SM	884	74	725	81	1565 (710)	e	
75	55	102 (2.59)	19 (.48)	250SM	884	97	N/A	N/A	1715 (778)	f	

Pontoon systems available for 50 hz / 60 hz may vary. Contact factory.

N/A – Not available at time of printing. Check with factory.

FRAME SIZE, RPM, FLA, and SHIP WEIGHTS may vary between motor manufacturers.

Data subject to change without notice.

For estimate only - consult factory.



Aeration Industries®

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