



**Aeration
Industries®**

AIRE-O₂® Aspirator Aerator

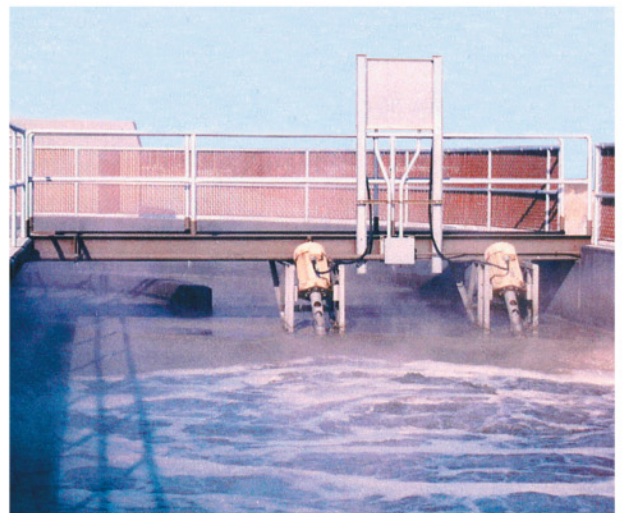
The Trusted Industry Workhorse Since 1974

The AIRE-O₂® aerator is a high quality, minimal maintenance aspirator aerator with superior performance and a proven record. Aeration Industries International, Inc. developed and introduced the innovative, patented aspirator aeration technology in 1974. The aerator creates a high velocity stream of oxygen that keeps solids in suspension and in contact with the plume of fine bubbles. A series of strategically placed units creates "flow linkage," providing whole basin aeration and circulation that prevents short-circuiting. More than 55,000 AIRE-O₂® aerators have been installed throughout the U.S. and over 85 countries worldwide making it the standard by which durability and quality are measured.

AIRE-O₂® Aspirator Aerator Benefits:

- Increased mixing and fine bubble oxygen dispersion.
- Low capital cost investment.
- Large range of Hp sizes adaptable to numerous applications, processes and configurations.
- Adjustable angle of entry allows for shallow to deep applications.
- Ease of installation, portability and minimal maintenance.
- Winter treatment performance efficiency.
- No aerosols or odors, "community friendly."
- Ideal for retrofits and upgrades.
- Three (3) Year Warranty.

Available in 2-100 Hp (1.5-75 kW) sizes in worldwide voltage, phase, Hz combinations



20 years and going strong!

"The 8 aerators allow for a turn down in oxygen transfer capability while assuring complete mixing of the ditch under all load conditions. We like the AIRE-O₂ system. Maintenance is easy."

Madison WWTP, SD

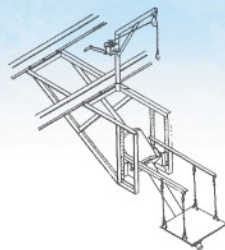


AIRE-O₂ aerators pictured mounted on floats. Bridge mounting shown above.

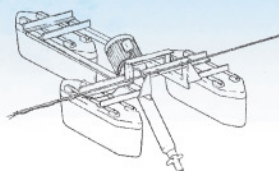
AIRE-O₂® Aspirator Aerator

Mounting Options:

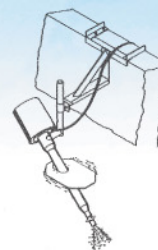
For anchor mounting details please contact the factory.



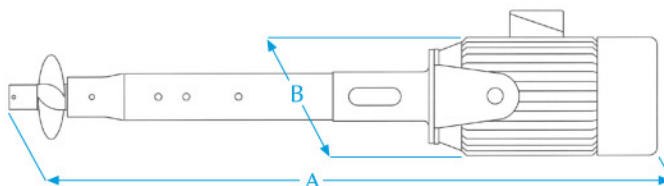
Bridge Mount



Float Mount



Wall Mount



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

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.
		A In. (m)	B In. (m)							
2	1.5	67 (1.70)	15 (.38)	180TC	3505	3.6	2945	6.3	226 (103)	a,b
3	2.2	67 (1.70)	15 (.38)	184TC	3505	4.6	2900	5.2	244 (111)	a,b
5	4	67 (1.70)	15 (.38)	184TC	3480	6.8	2890	8.6	246 (112)	a,b
7.5	5.5	69 (1.75)	17 (.43)	213TC	3505	10.2	2845	6.26	286 (130)	a,b
10	7.5	75 (1.91)	16 (.41)	215TC	3500	12.5	2910	13.8	360 (163)	b
15	11	81 (2.06)	17.5 (.44)	254TC	3510	19.4	2850	29.1	465 (211)	b
20	15	81 (2.06)	17.5 (.44)	256TC	3500	25	1465	36.3	470 (213)	b
25	18.5	83 (2.11)	22 (.56)	284TC	3510	32	1465	43.9	720 (327)	b,c
30	22	83 (2.11)	22 (.56)	286TC	3510	38	1469	58.3	769 (349)	b,c
40	30	93 (2.36)	25 (.64)	324TC	1765	50	1473	72.6	1350 (612)	d
50	37	93 (2.36)	25 (.64)	326TC	1765	61	1473	82.9	1775 (805)	d
60	45	93 (2.36)	30 (.76)	364TC	1775	70	1473	102	1885 (855)	e
75	55	93 (2.36)	30 (.76)	365TC	1775	86	1473	137	1895 (860)	e
100	75	93 (2.36)	31 (.79)	405TC	1775	115	1477	169	1930 (875)	g

Pontoon System

- a Intra-Pond
- b Tri-pontoon
- c Quad-pontoon
- d Penta-pontoon
- e Hexa-pontoon
- f Hepta-pontoon
- g Octa-pontoon

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

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

Data subject to change without notice.



Aeration Industries®

Aeration Industries International, Inc.

Mail To: P.O. Box 59144 • Minneapolis, MN 55459-0144 USA

Ship To: 4100 Peavey Road • Chaska, MN 55318-2353 USA

1-952-448-6789 / 1-800-328-8287 (USA) / FAX 1-952-448-7293

www.aireo2.com

© Copyright 2004 Aeration Industries International, Inc. All Rights Reserved

AIREspec1004-01