



**Aeration
Industries®**

AIRE-O₂® Aspirator Aerator

The Trusted Industry Workhorse Since 1974

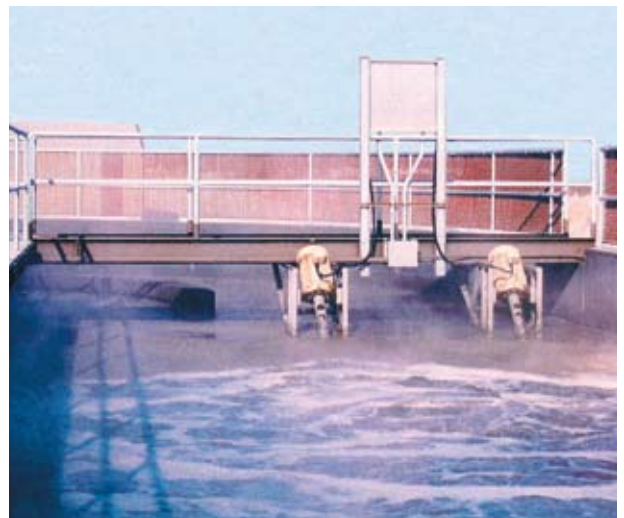
The AIRE-O₂® aerator is a high quality, minimal maintenance aspirator aerator with superior performance and a proven record. Aeration Industries International, Inc. developed and introduced the innovative, patented aspirator aeration technology in 1974. The aerator creates a high velocity stream of oxygen 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 62,000 AIRE-O₂® aerators have been installed throughout the U.S. and over 92 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

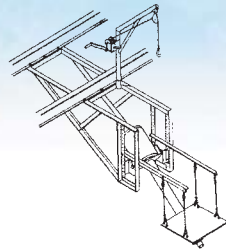


AIRE-O₂ aerators pictured mounted on floats. Bridge mounting shown above.

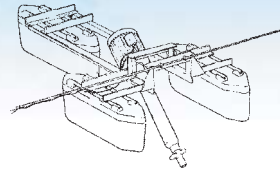
AIRE-O₂® Aspirator Aerator

Mounting Options:

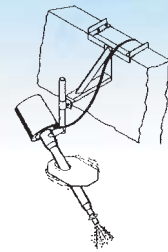
For anchor mounting details please contact the factory.



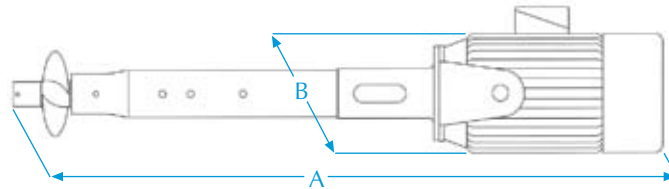
Bridge Mount



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. | Pontoon System |
|-----|------|------------|------------|------------------|-----------------|-----------------------|-----------------|-----------------------|-----------------------|-----------------------|--|
| | | 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 | a Intra-Pond |
| 3 | 2.2 | 67 (1.70) | 15 (.38) | 184TC | 3505 | 4.6 | 2900 | 5.2 | 244 (111) | a,b | b Tri-pontoon |
| 5 | 4 | 67 (1.70) | 15 (.38) | 184TC | 3480 | 6.8 | 2890 | 8.6 | 246 (112) | a,b | c Quad-pontoon |
| 7.5 | 5.5 | 69 (1.75) | 17 (.43) | 213TC | 3505 | 10.2 | 2845 | 6.26 | 286 (130) | a,b | d Penta-pontoon |
| 10 | 7.5 | 75 (1.91) | 16 (.41) | 215TC | 3500 | 12.5 | 2910 | 13.8 | 360 (163) | b | e Hexa-pontoon |
| 15 | 11 | 81 (2.06) | 17.5 (.44) | 254TC | 3510 | 19.4 | 2850 | 29.1 | 465 (211) | b | f Hepta-pontoon |
| 20 | 15 | 81 (2.06) | 17.5 (.44) | 256TC | 3500 | 25 | 1465 | 36.3 | 470 (213) | b | g Octa-pontoon |
| 25 | 18.5 | 83 (2.11) | 22 (.56) | 284TC | 3510 | 32 | 1465 | 43.9 | 720 (327) | b,c | Pontoon systems available for 50 hz / 60 hz may vary. Contact factory. |
| 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 | |

For estimate only - consult factory.

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

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AIREspec1004-02