

AC Lake Aerators

AC1, AC2, & AC3

In the tradition of our durable Solar Direct Aerators, the AC Series borrows many of the same features that have a history of proven performance. The AC Series has been designed to provide reliable, low-cost **24/7 Aeration** using standard grid-power. Like the SD Series, each AC unit is ruggedly constructed using high-quality, **American-Made** components. Features like easy compressor & filter access, quieter enclosures, and engineered air flow highlight the thoughtful system design.



AC-LA2 with timeclock upgrade



AC-LA3

Feature	AC-LA1/AC-LA2 Specifications		AC-LA3 Specifications
Power & Electrical			
Power Requirements	120VAC, 60Hz, 15A		
Compressor			
Compressor Type	Rocking Piston		
Max Flow / Depth	2.7 SCFM / 50'+ / 30PSI	4.94 SCFM / 50'+ / 30PSI	
Over-Pressure	Brass Automatic Pressure Relief Valve		
Flow Balancing	N/A	2x Full-Flow Brass Ball Valves	3x Full-Flow Brass Ball Valves
Air Intake	Compressor Intake Filter/Silencer with Replaceable Cartridge		
Thermal Management			
Enclosure Cooling	107 CFM Automatic Active Ventilation		
High-Temp Limit	Yes - With Automatic Re-Start standard, low-temp/high-precision upgrade available		
Compressor	Long-Life Compressor Cooling Fan	2x Long-Life Compressor Cooling Fans	
Air Distribution			
Connections	1x External Barb	2x External Barbs	3x External Barbs
Materials & Finishes			
Enclosure	ULTRAGUARD™ Fiberglass Reinforced Polyester, Compression Molded, Non-Corrosive Non-Conductive, Continuous Poured-in-Place Gasket, 316 Stainless Steel Hardware		
Steel Components	Formed Carbon Steel, Baked-On Polyester Powder Coat		
Codes & Standards	Structural, ASTM A36, A53 Plating ASTM B633		
Enclosure Weight	58 lbs	63 lbs	
Coverage	1.5 acres	3 acres	Up to 4.5 acres, larger systems available
Warranty	5-Year Standard on all non-wearable parts		
Applications:			
<ul style="list-style-type: none"> ● Ponds & Lakes ● Storm Water ● Golf Courses ● Frac Pit Normalizing 	<ul style="list-style-type: none"> ● Livestock Watering ● Cranberry Growers ● Parks ● Sewage Systems 	<ul style="list-style-type: none"> ● Fish Farms ● Aquatic Engineering ● Preppers ● Irrigation 	<ul style="list-style-type: none"> ● Weed & Algae Control ● Habitat Management ● Gate De-Icing ● Marinas