

AC Lake Aerators

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.



Feature	AC-LA1/AC-LA2 Specifications	AC-LA3 Specifications
Power & Electrical		
Ground Fault Protection	Commercial Grade GFCI Receptacle	
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	NA / 2x Full-Flow Brass Ball Valves	3x Full-Flow Brass Ball Valves
Air Intake	Washable & Reusable slide-in Primary Filter	
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 / 2x External Ports w/fittings	3x External Ports w/fittings
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 (including base)	63 lbs	68 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 ● Weed & Algae Control ● Habitat Management ● Gate De-Icing ● Marinas