

SOLAR AQUAAIR® ULTRA



MODEL SAAU1

Solar AquaAir® Ultra (SAAU) aeration systems are powered by the sun, backed up with battery banks for 24 hour per day operation. These systems are manufactured with the same benefits & features of the AquaMaster® AquaAir® Ultra aeration product line, utilizing robust components requiring minimal maintenance. SAAU systems provide superior aeration, circulation, and de-stratification of water bodies. Perfect for installation in ponds and lakes located in remote areas with no power source, the SAAU provides the ultimate in year round environmentally friendly aeration. A solar powered brushless 24 volt piston compressor supplies compressed air via .58" weighted Super Sink air tubing to the diffuser(s) located unseen on the pond bottom. Diffuser membranes utilizing microbubble technology synergistically lift water from the pond bottom to the surface where atmospheric oxygen transfer occurs and a subsequent, oxygen enhanced, beneficial circulation is created.

LAKE AND POND BENEFITS



MODEL SAAU2

- Environmentally Friendly Solar Powered
- Entire Water Column Circulation
- Stabilization of Thermal Stratification
- Increased Dissolved Oxygen Levels
- Eliminates Oxygen Related Fish Kills
- Reduces Mosquito & Aquatic Midge Infestations
- Reduces Foul Odors from gases
- Reduces Organic Bottom Sediment
- Preserves a Healthy Aquatic Ecosystem



MASTER THE POWER AND BEAUTY OF WATER

SOLAR AQUAAIR® ULTRA SYSTEM

Features Include:

- 9" Dia High Performance Membrane Diffuser(s)
- Polycrystalline Solar Panel(s)
- Top Pole Mount Kit, Angle Adjustable
Mounting Pole not included
- Stainless Steel Compressor/Battery Enclosure
SAAU1 - 21.0"L x 17.0"W x 16.3"H; 24"x24" HDPE Base
SAAU2 - 28.8"L x 24.2"W x 18.0"H; 24"x24" HDPE Base
- 24V Single Head Piston Compressor
- Digital Charge Control System
- Quality Maintenance Free Batteries
- 90cfm Enclosure Cooling Fan
- 1/2" (.58" ID x 1.06" OD) Super Sink Air Tubing
- Adjustable Flow Control Needle Valves

PERFORMANCE SPECIFICATIONS

Model #	Diffuser Qty	Solar Panels Qty	Batteries Qty	CFM @ 5psi	CFM Per Diffuser	Days of Battery Back-Up Power	Pond Sizing (surface acre*)	Operating Depths
SAAU1								
96101	1	1	2	0.7	0.70	~2.5	Up to 1/4	4' to 10'
							Up to 1/2	10' to 35'
96102	2	1	2	0.7	0.35	~2.5	Up to 1/2	4' to 15'
SAAU2								
96202	2	2	4	1.4	0.70	~3.0	Up to 1/2	4' to 10'
							Up to 1	10' to 35'
96203	3	2	4	1.4	0.46	~3.0	Up to 3/4	4' to 15'
96204	4	2	4	1.4	0.35	~3.0	Up to 1	4' to 15'

WARRANTY

Stainless Steel Enclosure - Limited Lifetime

Weighted Tubing - 15 Years

9" Diffuser Assembly - 5 Years

Solar Panel Assembly - 5 Years

Compressor & Cooling Fan - 3 Years

Batteries & Electrical Components - 1 Year

Pistons are considered "Wear Items" and are not covered under the Factory Warranty

Solar AquaAir® Ultra Aeration System