



AerMaster DD Solar Aerators



Technical Specifications

Solar Panels & Mounting Hardware

- Polycrystalline 120W Solar Panels.
- Pre-cut, pre-drilled mounting frames to connect 2 panels in parallel.
- Includes quick cable disconnects to make assembly much easier.
- Includes a 5' Galvanized steel mounting pole with instructions.

Tubing & Diffusers

- High quality weighted airline that sinks to the bottom of your pond.
- OWS Optimal Air TM self-cleaning rubber membrane diffusers with weighted base

Compressors

- Outdoor Water Solutions DD DC solar compressor rated at 2.8 CFM.
- Aerates ponds up to 15' deep with its vertical piston design.

Aeration Cabinet

- Powder coated aluminum cabinet with secure locking system.
- Cabinet includes either 1 or 2 high efficiency DC fans.
- Solar disconnect provided for safety purposes when working on the unit.
- System includes a pressure gauge and high quality Pressure Relief Valve.

Accessories & Warranty

- Optional noise reduction kit available
- 2 Year warranty on compressors and electrical components
- 5 Year warranty on all diffusers, bases and airline
- 15 Year warranty on solar panels, lifetime warranty against rust on all OWS aluminum cabinets

Models Available:



System Components - Direct Drive Solar Aerators	DD Solar 1	DD Solar 2	DD Solar 3	DD Solar 4	DD Solar 5	DD Solar 6	DD Solar 7 Combo	DD Solar 8 Combo
Item #	SOL0350	SOL0351	SOL0352	SOL0353	SOL0354	SOL0355	SOL0347	SOL0374
Recommended Pond Size	Up to 3/4A	Up to 3/4A	Up to 1.5A	Up to 1.5A	Up to 3A	Up to 3A	Up to 1.5A	Up to 2A
DC DD Solar Compressor rated at 2.8 CFM	1	1	1	1	2	2	1	1
AC RP Compressor rated at 3.25 CFM	0	0	0	0	0	0	1	1
Powder Coated Steel Cabinet	1	1	1	1	1	1	1	1
Cooling Fans with Guards	1	1	1	1	2	2	2	2
# of Valves & 14" Airline	1	1	2	2	4	4	1	2
Polycrystalline Solar Panels	2	2	2	2	2	2	2	2
Alum frame with Adjustable Mount	1	1	1	1	1	1	1	1
Galvanized Mounting Pole	1	1	1	1	1	1	1	1
Pressure Relief Valve	1	1	1	1	2	2	2	2
Liquid Filled Pressure Gauge	0	1	1	1	2	2	1	1
Rolls of 100' of Weighted Airline	0	1	2	0	4	0	1	2
Double Disc Diffuser	0	1	2	0	4	0	1	2