

Classic DW[™] Solar Aerators are designed to aerate ponds and lakes where you want dependable performance for deeper or larger bodies of water. This system is built with the best components available and uses high pressure, high output compressors to move lots of air to where you need it the most. This is a direct drive system that operates during the daylight hours and is designed to start earlier, run later, and operate during moderately cloudy days giving you more run time than other battery free systems out there with total daily CFM that far exceeds all other solar aerators on the market.

Technical Specifications

Compressor & Cabinet

- Outdoor Water Solutions Quantum[™] compressors in 3 different sizes
- Oil-less piston and hard coated aluminum cylinder with permanently lubricated bearings
- Aerates ponds up to 35'+ deep with a rocking piston design
- High quality aluminum cabinet with (2) circulating fans, oil filled pressure gauge and pressure relief valve

Solar Panels and Mounting Hardware

- High output solar panels
- Pre-cut fabricated solar mounting racks to make installation easier
- Includes quick cable disconnects to make assembly much easier
- Customer will need to purchase mounting poles locally

Accessories

- Heavy duty weighted airline. 1/2" ID standard. 5/8" airline is available for longer or deeper runs in 100' and 500' lengths.
- OWS Optimal Air[™] Diffusers with self-weighted base. Much easier to install than other bases. No need to add sand or rock.
- Self-cleaning, low maintenance rubber membrane diffusers
- Optional noise reduction kit available

Warranty

- 3 year Warranty on all Quantum compressors. Covers all pistons, bearing and major components.
- Warranty does not include wear items (piston cup, valves, etc.)
- Air filters must be cleaned or replaced every 6 months
- 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	Classic 1	Classic 2	Classic 3	Classic 4	Classic 5	Classic 6	Classic 7	Classic 8	Classic 9
Item #	CSA616	CSA617	CSA618	CSA619	CSA620	CSA621	CSA622	CSA623	CSA624
Recommended Pond Size	Up to 1.5A	Up to 1A	Up to 1.5A	Up to 2.5A	Up to 2A	Up to 2.5A	Up to 4A	Up to 3A	Up to 4A
Compressor Size	1/4	1/4	1/4	1/2	1/2	1/2	3/4	3/4	3/4
Rated Airflow @ 5 psi	2.2 CFM	2.2 CFM	2.2 CFM	4.3 CFM	4.3 CFM	4.3 CFM	6.0 CFM	6.0 CFM	6.0 CFM
# of Solar Panels	3	3	3	4	4	4	6	6	6
Custom Solar Panel Racking	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Powder Coated Alum. Cabinet	1	1	1	1	1	1	1	1	1
Cooling Fans with Guards	2	2	2	2	2	2	2	2	2
# of Valves & 14" Airline	2	1	2	3	2	3	4	2	4
Pressure Relief Valve	1	1	1	1	1	1	1	1	1
Liquid Filled Pressure Gauge	1	1	1	1	1	1	1	1	1
Rolls of 100' - 1/2" Wtd Airline	0	1	2	0	2	3	0	4	0
Double Disc Diffusers	0	1	2	0	2	3	0	0	4
Four Disc Diffuser	0	0	0	0	0	0	0	2	0
Rolls of 500' - 1/2" Wtd Airline	0	0	0	0	0	0	0	0	1

