



Outdoor™
water
solutions

NitroAir™ DD Solar Aerators



Technical Specs

Compressors & Controllers

- Outdoor Water Solutions DC brushless solar compressor rated at 3.7 CFM @ 5 psi
- Aerates ponds up to 35' deep with it's rocking piston design
- Replaceable intake filter and maintenance kits available
- Super quiet compressor < 65db at six feet
- Proprietary digital motor controller offering longer run times

Solar Panels & Mounting Hardware

- High Quality solar panels providing more run time – made in the U.S.
- Pre-cut, pre-drilled mounting frames for either one or two panels
- Includes MC4 quick disconnect cables
- Includes a 3" schedule 40 galvanized steel mounting pole with all mounting hardware
- Everything is turn-key. You just need to purchase concrete for mounting

tubing & Diffusers

- High quality 1/2" ID weighted airline that sinks to the bottom of your pond
- OWS Optimal Air™ self-cleaning rubber membrane diffusers with weighted base.

Aeration Cabinet

- IP65 & IP66 impact resistant cabinet for all weather use
- Superb ventilation to keep the compressor cool in warm climates
- System includes a pressure gauge and pressure relief valve
- Solar disconnect provided for safety purposes when working on the cabinet

Accessories & Warranty

- 2 year warranty on compressors and electrical components
- 5 year warranty on all diffusers, bases and airline
- 15 year warranty on solar panels
- Additional airline available for each system upon request



Nitro Air I



Nitro Air IV



Nitro Air III

Models Available:

System Components NitroAir Solar Aerators	NitroAir I	NitroAir II	NitroAir III	NitroAir IV
Item #				
Recommended Pond Size	Up to 1 A	Up to 1 A	Up to 2.5 A	Up to 2.5 A
DC Solar Compressor Rated at 3.7 CFM	1	1	1	1
IP64 Cabinet	1	1	1	1
Cooling Fans with Fan Guards	1	1	1	1
# of Valves and 14" High Heat Tubing	1	1	2	2
High Quality Solar Panels	1	2	1	2
Alum Frame with Adjustable Mount	1	1	1	1
Galvanized Mounting Pole	1	1	1	1
Pressure Relief Valve	1	1	1	1
Liquid Filled Pressure Gauge	1	1	1	1
Rolls of 100' 1/2" ID Weighted Airline	1	1	2	2
Single Disc Diffuser	0	0	2	2
Double Disc Diffuser	1	1	0	0