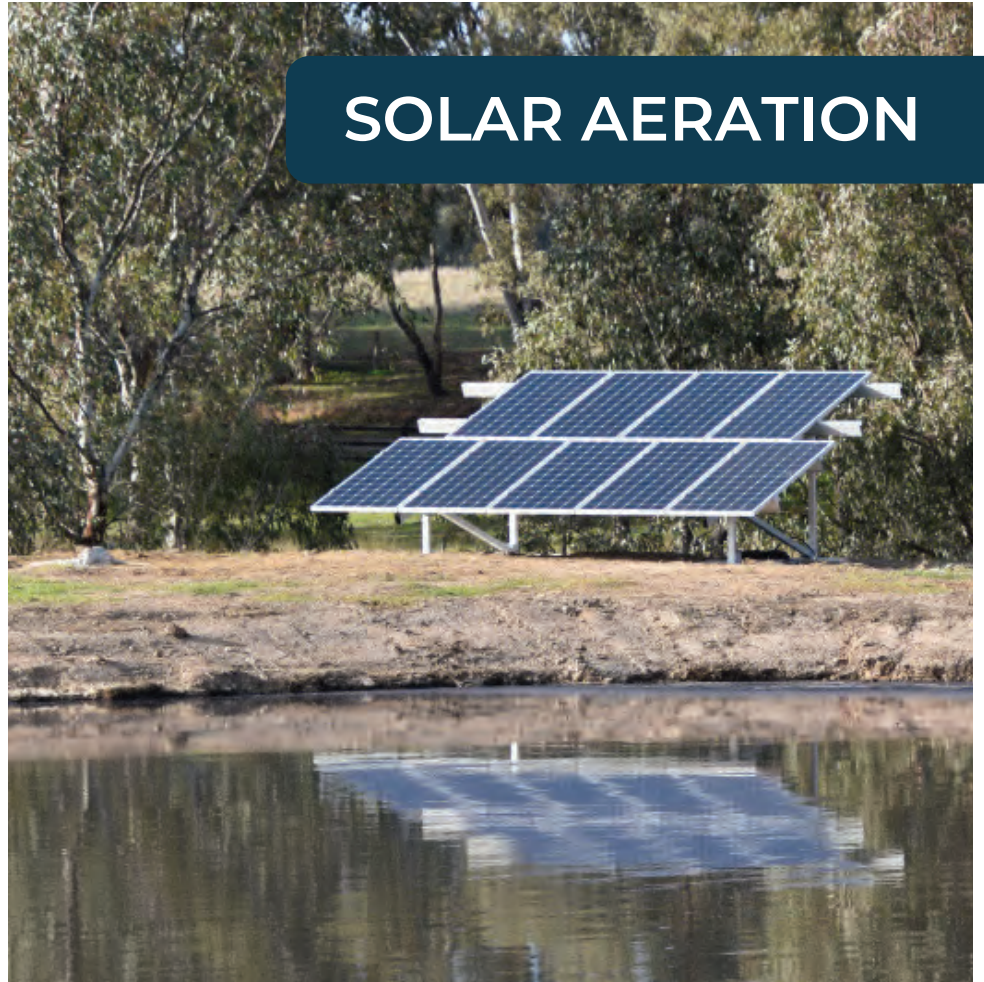




SOLAR AERATION



Solar is rapidly entering our industry and has the potential to create real, sustainable change. That's why we're constantly seeking and testing new technology to help improve water quality. In fact, we've probably even discovered something new since this brochure was created so don't be afraid to get in touch.



FOR MORE INFORMATION, CONTACT US ON 1300 283 387

RENEWABLES - SOLAR



We are pleased to announce that all Air-O-Lator models sold through Water Quality Solutions are now solar enabled. Many of our Airolator Solar Units feature hybrid motors which will automatically switch from solar power to the mains grid when the sun goes down. This allows for 24/7 operation while still reducing running costs.

The Solar Airolator Aquarian Commercial is perfect for mixing and aerating simultaneously and is specially designed for wastewater lagoons and other processing facilities. Freshly approved by our innovation team, this floating surface aerator creates constant oxygen transfer while also mixing your water body and keeping degradable solids in suspension, all thanks to the power of the sun.

Solar Aquarian Commercial units feature an oil-free, 304 grade stainless steel motor and come with a 40m drop cable and 36" float. Commercial units are available with a 3hp motor.



Solar Airolator Aquarian Commercial

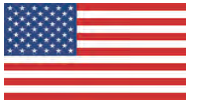


Solar Airolator Aquarian Professional

Designed for use within lakes, dams and lagoons, the Airolator Aquarian Professional is available in both 1hp and 1.5hp models. The Aquarian Professional aerates water then continuously mixes oxygen rich water throughout.

Solar Aquarian Professional units feature an oil-free, 304 grade stainless steel motor and come with a 40m drop cable and 36" float (custom length cables can be supplied).

RENEWABLES - SOLAR



Like their standard, mains powered cousins, all Airolator Carnival solar variant units can be easily swapped from an aerating fountain to a decorative fountain and back again through the application of a changeover kit.

These units will provide effective aeration while also boosting the aesthetics of your water body, all thanks to the power of the sun.



Originally designed to tackle the specific challenges of processing wastewater, the Airolator Enterprise Aspirating Aerator works by sucking air into a high volume propeller pump, mixing the air and water then dispersing the oxygen rich water over a large area. Improving wastewater processing is great for the environment in and of itself, but doing it with a sustainably powered unit is even better, so we designed a solar powered version.

The Solar Airolator Enterprise features a 304 grade, stainless steel, oil-less motor and comes with 40m drop cable, it just now pulls its power from the sun rather than the grid.



RENEWABLES - SOLAR



Centrifugal Floating Fountains

Our centrifugal floating fountain range are perfect for boosting your water body's aesthetics.

Note that all units can be fitted with any of the five Airolator decorative nozzles available.

Nozzle Options:

- Diana
- Galaxy
- Northstar
- Nova
- Solace

Please Note that the operation of these motors does produce an audible sound. Units should be positioned away from shore to ensure maximum enjoyment of feature fountain.



RENEWABLES - SOLAR



Outdoor Water Solutions also provide quality solar aeration systems suitable for use with larger water bodies.



System	Adjustable Valves	Panel Requirements
1/4hp Rocking Piston Unit	2	3 x 270-300 watt solar panels
1/2hp Rocking Piston Unit	3	4 x 270-300 watt solar panels
3/4hp Rocking Piston Unit	4	6 x 270-300 watt solar panels

All ultimate systems feature a rocking piston compressor and come in powder coated, sound insulated aluminium cabinets with 2 circulating fans, a pressure gauge and relief value and a high output solar inverter/controller.

RENEWABLES - SOLAR



Solar Aeration is a great sustainable choice and can be used for almost any application.



OTHER PONDS AND LAKES ARE GREEN WITH ENVY®

Solar aeration pioneers, Keeton Industries, are based in Wellington, Colorado and have been on the scene since 1972. Having built the company with sustainability being just as important as improving water quality, Keeton products provide industry leading, eco-friendly, solar aeration units.

Their SB range of battery back-up solar aeration systems offer a complete solution and circumvent the main issue generally associated with this type of technology by ensuring that units can still function independently over night by charging themselves between 10am and 3pm each day.



The SB1 and SB2 (left) units feature:

- High efficiency solar panel.
- Battery back-up and charge control system.
- EcoFlow energy efficient compressor.
- Cooling fan.
- Digital timer (programmable).
- Adjustable aluminium manifold.

SB3 and SB4 models (right) contain the same quality components, however they include an extra solar panel and compressor.



All SB units come housed in 100% recycled plastic cabinets which keep everything nice and include a noise reduction package. Premium self-weighted Matala airstations are also part of the package. These self-cleaning, non-clogging diffusers offer high oxygen transfer rates and easily attach to the included, fish hook resistant self-weighted tubing.

SB1 and SB2 units come in cabinets measuring 20"x24"x27" and include two diffusers.

SB3 and SB4 units come in cabinets measuring 20"x36"x27" and include four diffusers.

***Keeton products are POA and Special Order Only.**
Please contact your Water Quality Solutions Specialist if you are interested in installing a unit from the SB range.



*Air Hose is to be bought separately. Please see the relevant section of this pricelist for details.

RENEWABLES - SOLAR

We also stock a collection of dedicated solar air pumps for subsurface aeration systems.

Please note that unless otherwise stated dedicated solar units operate during daylight hours only and can be utilized at a maximum depth of 2m.



Left to Right: 80LPM Pump, 120LPM Pump, 200LPM Pump

Conversion kits are also available for those wishing to retrofit existing Vertex or Matala models to be compatible with solar powered operation. The application of this kit will allow your standard, mains powered, sub-surface aeration system to draw power from a solar set up.



A range of panels and accessories which are perfect for completing or expanding your set up are also available.