



# AQUATIC TECHNOLOGIES

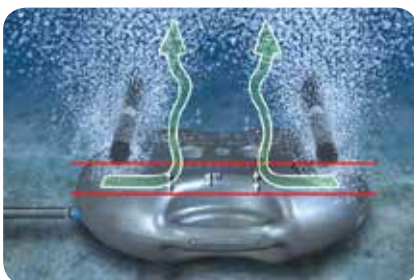
[www.fountainsaustralia.com.au](http://www.fountainsaustralia.com.au)



Air Eco

The Lake Bed Aeration systems come with everything you need ready for installation:

- The compressor unit, complete with enclosure, timer and base
- The required lengths of self-weighted air tubing
- Self-weighted diffusers
- Air tubing fittings (as required)
- Standard 240v power cable



Lake bed aeration systems – the most efficient and cost effective way to aerate water bodies.

Our lake bed aeration systems provide a complete ready to install solution for waterways with low oxygen levels, sludge build up and temperature variances in the water column (stratification).

Over time water ways can develop stratification which is a separation of the warmer top layer of water and the colder deeper layers. Whilst the top layer receives oxygen from the air and supports marine life the bottom layer loses oxygen through anaerobic breakdown of organic matter which can result in foul smells, fish kills, poor clarity, weed and algae growth.

### What is Lake Bed Aeration?

Lake Bed Aeration systems oxygenate water bodies by pushing air from an on-shore compressor through airlines to diffusers that sit on the bottom of the water way. Because diffusers are located on the bottom and force oxygen and large amounts of water to the surface they are superior to mechanical aeration both in terms of performance and cost.

By introducing oxygen into the deep water layer organic matter can be broken down aerobically reducing toxic gases and promoting beneficial bacteria inhibiting growth of algae and weeds as they are starved for a food source.

### Aqua Control Lake Bed Aeration Systems

Our lake bed aeration systems are available in a professional series designed for 24/7 commercial use and longevity.

The *AirEco* series can aerate various sizes of water bodies and is capable of running between 1 and 3 diffusers per system. Each diffuser can aerate an area of approximately ¼ an Acre (3,035m<sup>2</sup>) at 10m deep.

### Features at a Glance

#### Enclosure:

The *AirEco* features a fibreglass outdoor enclosure with a 2 year warranty. The enclosure comes with an equipment base eliminating the need for a concrete pad.

#### Air compressors:

- 1/3HP WOB-L or ROK-R Piston compressor(s)
- Low maintenance compressor
- Quiet operation (inaudible at 8 meters)
- Timer included for operation of Lake bed systems
- 2 Year warranty

#### AirPod Diffusers:

- Self-cleaning
- Self-weighted bases – no need to add gravel or weights
- Available in tube or disc style
- 5 year warranty

#### Airlines:

- Self-weighted so they sink out of sight without weights
- 10 year warranty