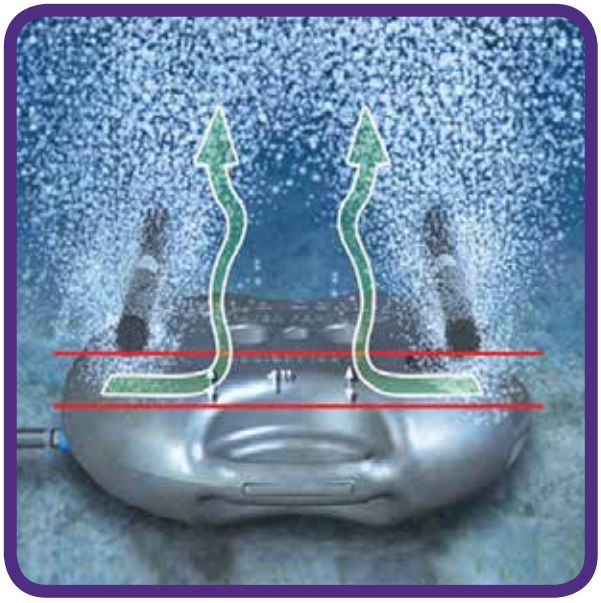
AIR PRO AERATOR

PRODUCT: **AIR PRO AERATORS**

TARGET: **AERATION**

LAKE BED AERATION SYSTEMS

The perfect low operational cost and highly efficient solution to increasing oxygen levels in your water.



AIRPRO AERATORS

We have two sizes available:

- AirPro 3 – runs between 1 and 3 diffusers at a time
- AirPro 6 – runs between 1 and 6 diffusers at a time

The AirPro series features a lockable powder-coated aluminium enclosure.

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 (in lengths of 38m, 50m, 100m or reels of 152m)
- Self-weighted diffusers

AIR COMPRESSOR FEATURES

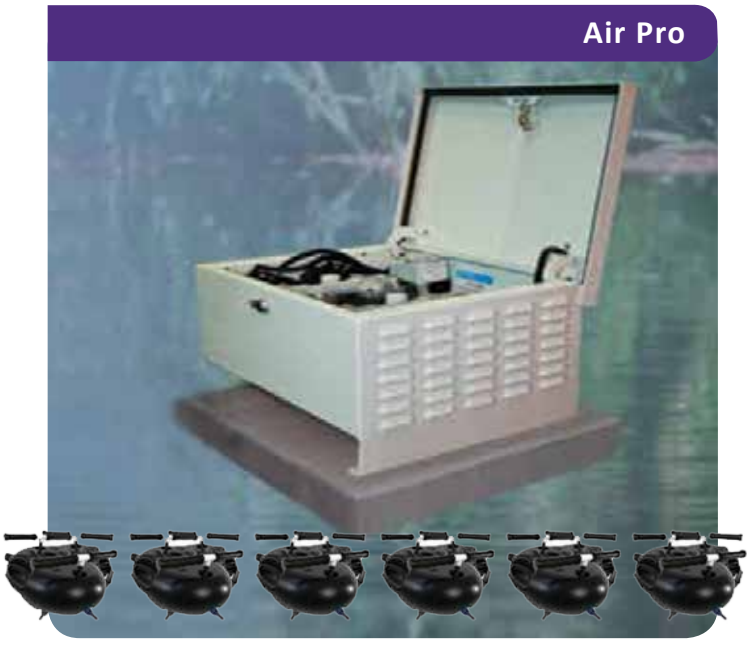
- The low maintenance piston compressors are all oil-free
- Compressors only require maintenance every 2 to 4 years (except air filter)
- Quiet operation (inaudible at 8 meters)
- Timer included for operation of Lake bed systems

'AIR POD' DIFFUSER FEATURES

- Self-cleaning
- Self-weighted bases – no need to add gravel or weights
- Available in tube or disc style
- Each diffuser will service up to 3,035m^2

AIRLINE FEATURES

- Self-weighted so they sink out of sight without weights



AQUATIC TECHNOLOGIES
The Fountain Experts!

Head Office: 41 Yazaki Way, Carrum Downs, Vic. Australia 3201 | **Phone**: 03 9071 2442

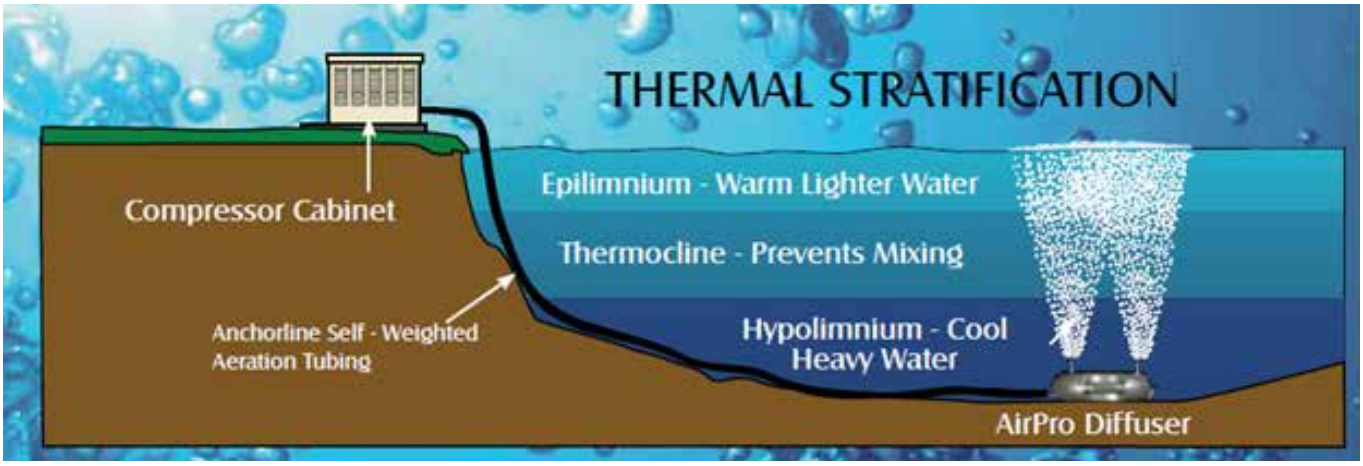
For more information visit **www.AQUATICTECHNOLOGIES.com.au**

Our lake bed aeration systems offer a simple and ready-to-install solution to keep your waterways rich in oxygen and free of any toxic-buildup.

LAKE BED AERATION SYSTEMS

WHY IS AERATION IMPORTANT?

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, aquatic weed and algal growth. By adding aeration, you can eliminate unwanted odours, promote beneficial bacteria growth, reduce aquatic weeds and algae and improve water clarity.



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.

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