

OxiAir Shallow® Diffused Aeration System



**Specialist manufacturers and installers
high-quality water aeration systems
and water fountains**



OxiAir Shallow®



The OxiAir Shallow® Diffused Aeration System, designed and manufactured in the UK, by Heathland Group incorporates highly advanced and efficient compressors, offering the pinnacle of diffused aeration technology.

The OxiAir Shallow® diffused aeration system increases dissolved oxygen, water circulation and reduces the risks of Thermal Stratification.

The OxiAir Shallow® diffused aerator has been designed and developed with ease of use in mind. These systems, once calibrated correctly can be left to run, only needing to be serviced once every 18 months to 2 years.

The super silent bankside compressor pumps provide calibrated air flows to diffuser membranes situated on the bed of the waterbody.

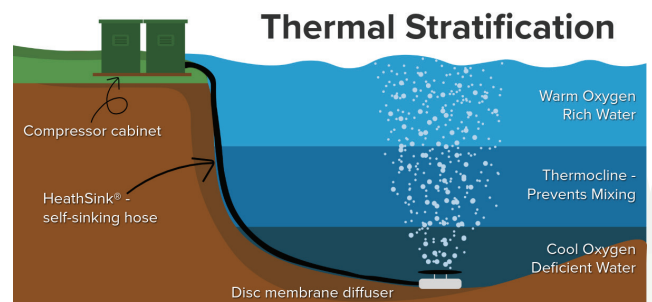
Air travels up through the water column in the form of microbubbles and breaks through the thermocline, reducing effects of thermal stratification while also increasing dissolved oxygen levels.

Diffused aeration is an extremely efficient form of circulating the water column. Whilst helping to release noxious gases and eradicate toxic gas entrapment during the winter months.

The manufacturing processes are completed inhouse at our facility in Norfolk. From here our products are supplied throughout the UK, Europe, United Emirates, Australia and the rest of the world via a network of trusted distributors.

All items are available for self installation or we can provide a thorough installation service through our inhouse service team.

Heathland Group is proud to have an extensive client base ranging from aquatic management service providers, schools and universities, local councils, hotels and holiday parks, golf clubs, fisheries and domestic clients.





Features & Benefits

- **Designed and manufactured** - in the UK
- **Simple** - plug and play operation, low maintenance
- **Flexible** - operates in depths up to 2m
- **Efficient** - Very low operating costs
- **Safe** - No electrical components required in the waterbody
- Manifolds are constructed of Aluminium & Stainless 316
- Ships in one box or pallet / site installation available
- No loud water movement or splashing
- Incorporating HeathSink® Sinking Hose
- 270mm diffuser disc diameter as standard
- Double, quad and tube diffusers also available
- 2-6 year warranty on pump
- 15-year warranty on weighted hose
- 10-year warranty on diffusers
- 5-year warranty on the manifold

Design & Installation

Heathland Group offers a full aeration design & installation service for all aeration services.

Items Heathland Group can assist with:

- Aeration project mapping & design
- System Specification
- Aerator Implementation
- Calibration

Maintenance

Heathland Groups in-house fully equipped service centre can provide a reliable, rapid maintenance, service and repair service.

Model Specifications:

Aeration System	Diffuser Quantity	Single Diffuser Water Circulation @2m Depth	Combined Water Circulation Rate @2m Depth	Air Flow Rate	Estimated DO Transfer Per Metre Depth	Power Consumption	dB Noise Level @ 1m
OxiAir Shallow® 2	2	11,065 lpm	1327800 lph	4800 lph	480 lph	0.05kW / 50watt	38
OxiAir Shallow® 3	3	11,065 lpm	1991700 lph	6000 lph	600 lph	0.075kW / 75watt	42
OxiAir Shallow® 4	4	11,065 lpm	2655600 lph	9000 lph	900 lph	0.115kW / 115watt	44
OxiAir Shallow® 6	6	11,065 lpm	3983400 lph	12000 lph	1200 lph	0.18kW / 180watt	46
OxiAir Shallow® 8	8	11,065 lpm	5311200 lph	15000 lph	1500 lph	0.225kW / 225watt	52

Bespoke and Custom Designs Aeration Systems

All our water fountains and aerators are available as a custom build, designed exactly for your requirements. We offer a full design, costing and build package for aerators and fountains along with specialist installation if required.

Heathland Service Centre

Everything supplied by our company is maintained and serviced in-house. Items can either be shipped directly back to our service team or if you prefer, we also supply onsite servicing.

Additional Services

We strive to provide exceptional results for every budget and requirement, backed up by our industry accreditations and connections including ISO9001:2015, the Norfolk Chamber of Commerce, The Federation of Small Businesses & SafeContractor.



Discuss your requirements with our specialists

Contact Heathland Group
on **0333 0384 103** for
expert guidance on
aquatic systems, aeration,
fountains, servicing &
maintenance



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