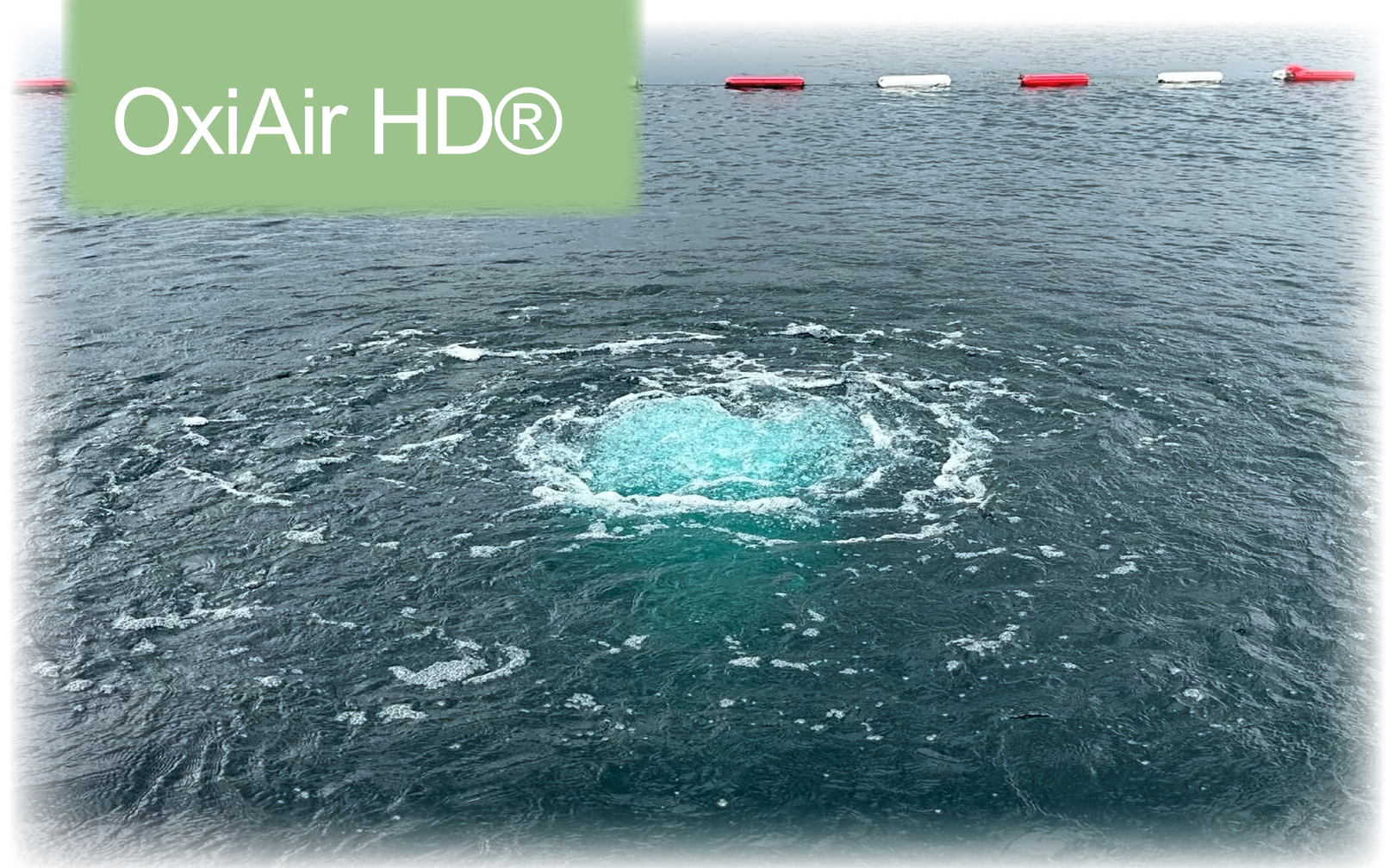


OxiAir HD® Diffused Aeration System



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

OxiAir HD®



The OxiAir HD® Diffuser Aeration system, designed and manufactured in the UK by Heathland Group. Incorporating highly advanced, efficient compressors providing the pinnacle of diffused aeration technology.

The OxiAir HD® diffused aeration systems dramatically increases dissolved oxygen, circulation and reduces the risk of Thermal Stratification.

The OxiAir HD® diffused aerator has been designed and developed with depth in mind. These diffused aeration systems can aerate any waterbody up to 30m in depth.

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 micro-bubbles and breaks through the thermocline, reducing the effects of thermal stratification while also increasing the dissolved oxygen levels.

Diffused aeration is an extremely efficient form of circulating the water column. Whilst helping to release noxious gases and will 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.

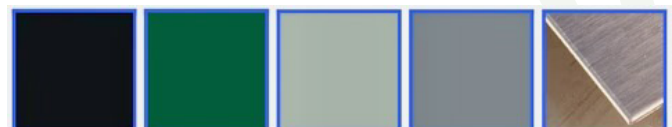
All items are available for self installation or we can provide a thorough installation service through our inhouse service team.

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.

Enclosures & Colours

Green is the standard colour for the OxiAir HD® range.

All colour choices below are available to order including special order personal RAL options.





Features & Benefits

- **Designed and manufactured** - in the UK
- **Simple** - Plug and play operation, low maintenance
- **Flexible** - Operates in depths ranging from 0.5m - 30m
- **Efficient** - Very low operating costs
- **Robust** - Extremely hard wearing
- **Safe** - No electrical components required in the waterbody

- Wireless remote activation and shutoff
- Manifolds are constructed of Aluminium & Stainless 316
- Stainless 316 check valves
- 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
- 10-year warranty on the manifold

Design & Installation

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

Items Heathland Group can assist with:

- Aeration project mapping and design
- System specification
- Aerator implementation
- Calibration

Maintenance

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

Model Specifications

Aeration system	Diffuser Quantity	Operating Depth	Single Diffuser Water Circulation Rate Depth Dependant	Combined Water Circulation Rate Depth Dependant	Flow Rate	Estimated DO Transfer Per Metre Depth	Power Consumption Depth Dependant	dB Noise Level @ 1m	Enclosure Size	Recommendaed Base Size
OxiAir HD® 1	1	0.5m - 30m	2.273 m3 to 19.807 m3	2.273 m3 to 19.807 m3	6780 lph	678 lph	0.216kW - 0.539kW	<31	1125mm H x 460mm W x 380mm D	660mm W x 580mm D
OxiAir HD® 2	2	0.5m - 30m	2.273 m3 to 19.807 m3	4.546 m3 to 39.614 m3	6780 lph	678 lph	0.216kW - 0.539kW	<31	1125mm H x 460mm W x 380mm D	660mm W x 580mm D
OxiAir HD® 3	3	0.5m - 30m	2.273 m3 to 19.807 m3	6.819 m3 to 59.421 m3	6780 lph	678 lph	0.216kW - 0.539kW	<31	1125mm H x 460mm W x 380mm D	660mm W x 580mm D
OxiAir HD® 4	4	0.5m - 30m	2.273 m3 to 19.807 m3	9.092 m3 to 79.228 m3	6780 lph	678 lph	0.216kW - 0.539kW	<31	1125mm H x 460mm W x 380mm D	660mm W x 580mm D
OxiAir HD® 5	5	0.5m - 30m	2.273 m3 to 19.807 m3	11.365 m3 to 99.035 m3	13560 lph	1356 lph	0.432kW - 1.078kW	<33	1125mm H x 600mm W x 450mm D	800mm W x 650mm D
OxiAir HD® 6	6	0.5m - 30m	2.273 m3 to 19.807 m3	13.638 m3 to 118.842 m3	13560 lph	1356 lph	0.432kW - 1.078kW	<33	1125mm H x 600mm W x 450mm D	800mm W x 650mm D
OxiAir HD® 7	7	0.5m - 30m	2.273 m3 to 19.807 m3	15.911 m3 to 138.649 m3	13560 lph	1356 lph	0.432kW - 1.078kW	<33	1125mm H x 600mm W x 450mm D	800mm W x 650mm D
OxiAir HD® 8	8	0.5m - 30m	2.273 m3 to 19.807 m3	18.184 m3 to 158.456 m3	13560 lph	1356 lph	0.432kW - 1.078kW	<33	1125mm H x 600mm W x 450mm D	800mm W x 650mm D
OxiAir HD® 9	9	0.5m - 30m	2.273 m3 to 19.807 m3	20.457 m3 to 178.263 m3	20340 lph	2034 lph	0.648kW - 1.617kW	<35	1125mm H x 800mm W x 450mm D	1000mm W x 650mm D
OxiAir HD® 10	10	0.5m - 30m	2.273 m3 to 19.807 m3	22.73 m3 to 198.07 m3	20340 lph	2034 lph	0.648kW - 1.617kW	<35	1125mm H x 800mm W x 450mm D	1000mm W x 650mm D
OxiAir HD® 11	11	0.5m - 30m	2.273 m3 to 19.807 m3	25.003 m3 to 217.877 m3	20340 lph	2034 lph	0.648kW - 1.617kW	<35	1125mm H x 800mm W x 450mm D	1000mm W x 650mm D
OxiAir HD® 12	12	0.5m - 30m	2.273 m3 to 19.807 m3	27.276 m3 to 237.684 m3	20340 lph	2034 lph	0.648kW - 1.617kW	<35	1125mm H x 800mm W x 450mm D	1000mm W x 650mm D
OxiAir HD® 13	13	0.5m - 30m	2.273 m3 to 19.807 m3	29.549 m3 to 257.491 m3	27120 lph	2712 lph	0.864kW - 2.156kW	<36	1125mm H x 1000mm W x 450mm D	1200mm W x 650mm D
OxiAir HD® 14	14	0.5m - 30m	2.273 m3 to 19.807 m3	31.822 m3 to 277.298 m3	27120 lph	2712 lph	0.864kW - 2.156kW	<36	1125mm H x 1000mm W x 450mm D	1200mm W x 650mm D
OxiAir HD® 15	15	0.5m - 30m	2.273 m3 to 19.807 m3	34.095 m3 to 297.105 m3	27120 lph	2712 lph	0.864kW - 2.156kW	<36	1125mm H x 1000mm W x 450mm D	1200mm W x 650mm D
OxiAir HD® 16	16	0.5m - 30m	2.273 m3 to 19.807 m3	36.368 m3 to 316.912 m3	27120 lph	2712 lph	0.864kW - 2.156kW	<36	1125mm H x 1000mm W x 450mm D	1200mm W x 650mm D
Bespoke	Unlimited	0.5m - 30m	2.273 m3 to 19.807 m3	Design Specific	Unlimited lph	Design Specific	Design Specific	Design Specific	Design Specific	Design Specific

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 the 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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