

Oxygen Transfer Technology

Efficiency by Design



OTT GROUP



POD

OTT POD: Type Stainless Steel V4A



Each standard 1.2m[4 ft] module holds up to 7 diffusers incorporating tried-and-tested FLEXSIL® or FLEXNORM® membranes with optimized perforation for any application.

Diffuser length and configuration within the module can be customized as well for special applications.

Special lengths of the stainless steel module can also be implemented.



Air supply to the diffuser gridmodules is provided through plastic pipes and threaded connection or hoses. The modules can be connected to the air distribution system individually or jointly as desired. Tabs welded to the side or brackets hold the OTT PODs securely in a level configuration on the basin floor.

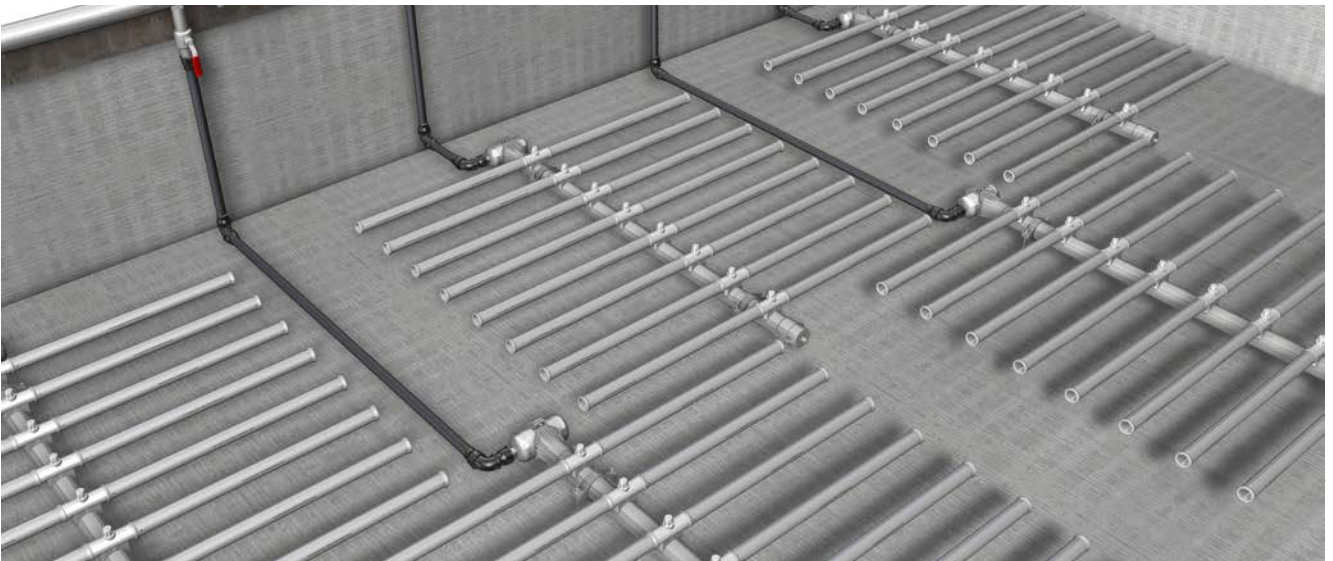


OTT POD: Type AirRex⁺



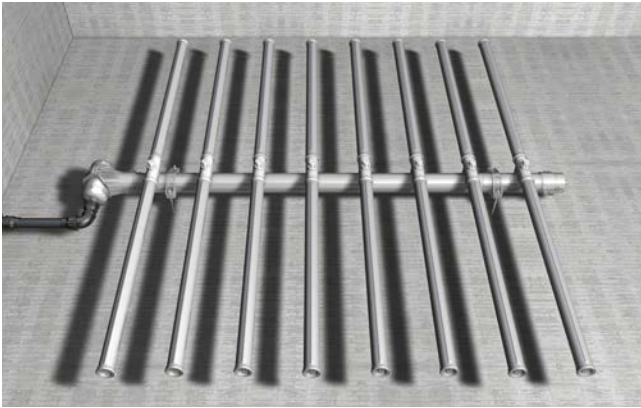
The proven quality and technology of MAGNUM[®] fine-bubble tube diffusers ensure highest performance and cost effectiveness of OTT PODs.

Each standard 2.2m[7.2 ft] module holds up to 8 diffusers incorporating tried-and-tested FLEXSIL[®] or FLEXNORM[®] membranes with optimized perforation for any application.



Air supply to the diffuser gridmodules is provided through plastic pipes and threaded connection or hoses. The modules can be connected to the air distribution system individually or jointly as desired. Tabs welded to the side or brackets hold the OTT PODs securely in a level configuration on the basin floor.

OTT POD:



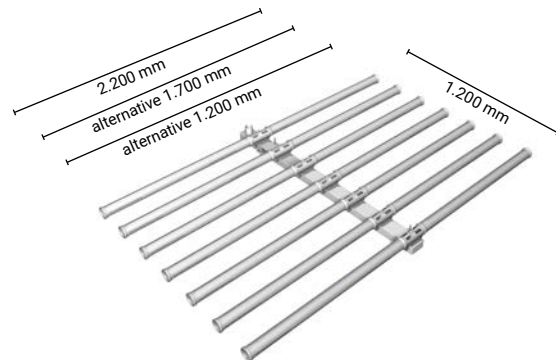
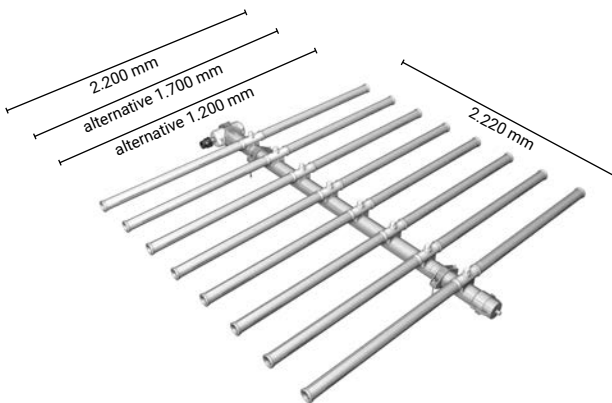
Type AirRex®+



Type Stainless Steel V4A



The proven quality and technology of MAGNUM® fine-bubble tube diffusers ensure highest performance and cost effectiveness of OTT PODs.



The Advantages

- + **Modular Stainless Steel construction**
- + **Prefabricated design elements**
- + **Short delivery times with stock units**
- + **Fast, simple installation**
- + **Configuration and diffuser array can be selected as desired**
- + **Quick and flexible integration with air distribution system**
- + **Can be controlled individually, compatible with all control technologies**
- + **Ideal for capacity upgrades of existing aeration systems**
- + **Plain end or Hose connections available**

OTT PODs are highly efficient aeration modules used in municipal and industrial wastewater treatment. Easy to install, they can be combined in flexible configurations with a wide range of available options.

PODs are the quick and versatile solution for original equipment or capacity upgrades of wastewater treatment facilities.



Member of
**German Water
Partnership**

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OTT GROUP

Sustainability through efficiency

Our products facilitate greater sustainability in biological wastewater treatment. As a company, we are committed to conducting our operations as sustainably as possible.

Since our establishment in 1986, all our products have proudly carried the “Made in Germany” label, ensuring they are manufactured under stringent social and environmental standards.

From the mid-1990s onwards, numerous wastewater treatment plants have significantly reduced energy consumption by implementing our highly efficient OTT diffuser systems.

Independent studies conducted by leading institutions validate the decision of these plants to adopt our products. They not only enable sustainable energy savings but also ensure long-lasting, low-maintenance and efficient operations.

Furthermore, our plant refreshment programme, initiated in 2013, allows for the reconditioning of used membrane diffusers. We meticulously clean the carriers at our facilities, assess their condition and install new membranes and seals.

Each factory-refurbished diffuser undergoes rigorous quality and pressure loss inspections, obtaining documented QA approval before being packaged for delivery. This refurbishment process not only saves time and money at the plant but also proves more cost-effective than purchasing new

membrane diffusers. Additionally, recycling the carriers prevents waste and reduces carbon emissions.

Our upcoming OTT recycling programme is set to further decrease carbon emissions:

We recycle used carriers on-site and manufacture new diffusers from the material, fostering a closed-loop system that significantly diminishes waste, raw material usage, and the carbon footprint of OTT products.

Renowned for their efficiency, cost-effectiveness, performance and durability, our products and plant designs remain at the forefront of the industry.

We invite you to visit us for a plant audit or join us on our website as we strive to achieve 100% sustainability.

Challenge us, and let us help you realise your projects and sustainability objectives.

Carbon footprint

Do please get in touch with us, so that we can work together to reduce the energy consumption and carbon footprint of your diffuser system. For more detailed insights into the measures implemented by the OTT Group, have a look at our Sustainability Report.



**TRANSPARANCY
EFFICIENCY
REDUCTION**



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