

O3Tech

Ozone Technology for Yacht Wastewater Tank Vent Odor Control

NO MORE BAD SMELL FROM BLACK/GREY WATER TANK

O3BWTMDPRO SERIES

Completely made of plastic to reduce vibration noises, engineered for easy installation, maintenance simple and quick.

PRODUCTS

O3BWTMDPRO

One control unit with one or two ozone units. Hydraulic capacity from 3,000 L to 10,000 L.

O3BWTMDPRO1: One ozone unit - up to 3,000 L - Weight: 1.8 kg

O3BWTMDPRO2: Two ozone units - up to 10,000 L - Weight: 3.2 kg

- Compact design with integrated controller
- Perfect for small to large vessels
- Easy installation and maintenance

O3BWTMXPRO

One unit with dual output. Hydraulic capacity up to 10,000 L.

O3BWTMXPRO: Dual output - up to 10,000 L - Weight: 3.1 kg

- Advanced ozone generation technology
- Enhanced performance for demanding applications
- Superior odor elimination

Note: For larger tank sizes, units can be combined to achieve greater capacity and performance.

KEY BENEFITS

- Easy to install and start up
- Easy to operate and maintain
- High efficiency ozone generation
- Robust and reliable design
- Lightweight materials
- Small footprint
- Low vibration noise (32 dB(A²))
- No counterpressure in vent line

WORKING PRINCIPLE

Ozone is injected into the Decanter where it oxidizes mercaptans, sulfide, ammonia, and malodorous gases, transforming them into odorless substances like water vapor and CO₂.

MATERIAL COMPATIBILITY

Metals: SS304-316, Bronze, CuNi, Titanium (Very Good)

Plastics: PVCU-PVCC, EPDM-PTFE-PVDF (Excellent)

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TECHNICAL SPECIFICATIONS

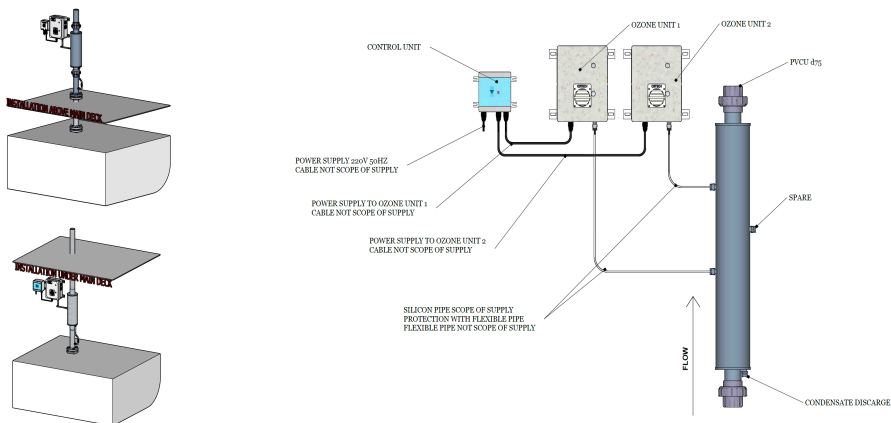
Hydraulic capacity:	O3BWTMDPRO1: 3,000 L O3BWTMDPRO2: 10,000 L O3BWTMXPRO: L 10,000
Operation temperature:	5-40°C
Power Supply:	220V 50/60 Hz - 1P
Maximum power:	70 W
Sound pressure level:	32 dB(A ²)
Frame housing:	Tekno Polymer
Ozone reactor:	Ceramic Plate
Decanter:	PVC-U / SS316
Gaskets:	EPDM
O3 connections:	Ø 6 mm
Silicon Pipe:	Ø 6 x 4 mm
Weights:	O3BWTMDPRO1: 1.8 kg O3BWTMDPRO2: 3.2 kg O3BWTMXPRO: 3.1 kg

INNOVATIVE DECANTER SYSTEM

The inline decanter creates a compact reaction chamber with high ozone concentration. This design treats a small, precisely dimensioned volume instead of the entire tank, dramatically reducing equipment size while maximizing efficiency.

INSTALLATION

- Decanter size and quantity depends on sewage tank and number of vent pipes
- Available in horizontal and vertical installation configurations
- Silicon pipe protected by external tube to avoid goose neck
- Simple connection to existing vent lines



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