

Compact ozone generator

O3BWTMDPRO2

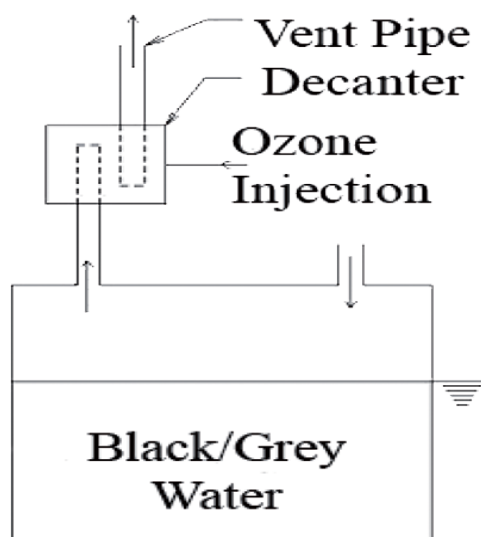
NO MORE BAD SMELL FROM BLACK/GREY WATER TANK

O3BWTMDPRO®, completely made of plastic to reduce vibration noises, is engineered in order to make easy installation, maintenance simple and quick.

Benefits

- Easy to install and start up
- Easy to operate and maintain
- High efficiency
- Robust and reliable design
- Lightweight materials
- Small footprint
- Low vibration noise
- No counterpressure in vent line

Installation layout



Configuration

One control unit and two ozone unit
Decanter Size and Quantity depending on the sewage tank and number of vent pipes

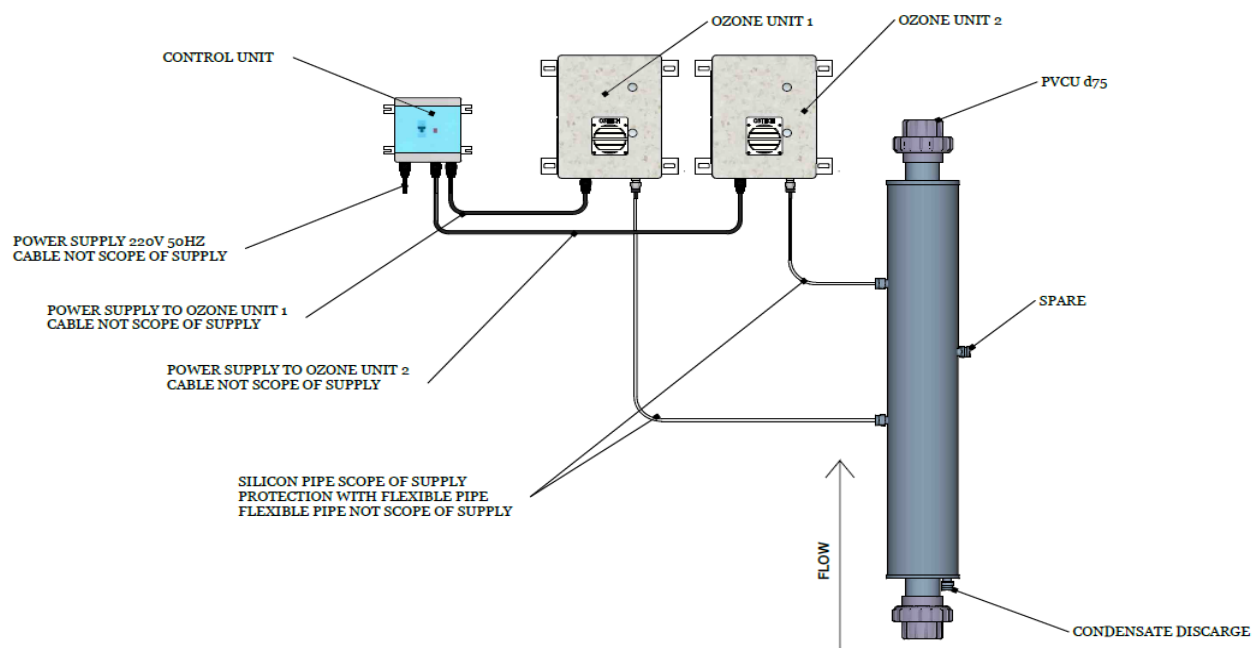
Working Principle

Ozone produced from O3BWTMDPRO is injected in a Decanter

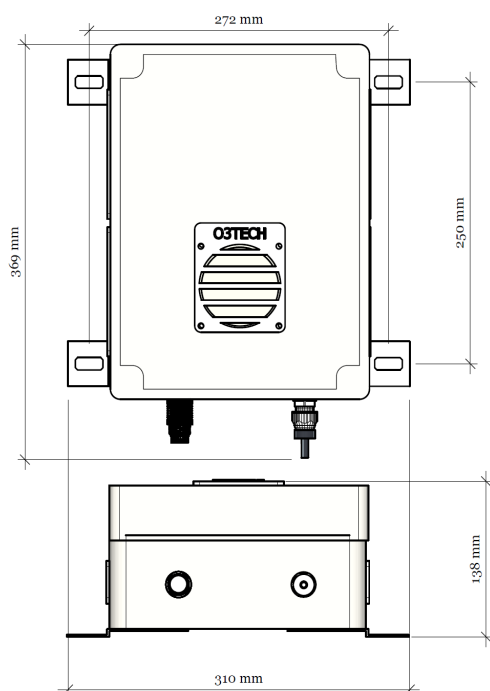
Decanter has a volume that guarantee the right concentration of ozone inside.

The vent from the sewage tank is slowed down and made turbulent. The ozone will then oxidize the mercaptans molecules it contains

Installation



Dimensions



Ozone Metal Compatibility

Aluminum	Good
SS304-316	Very Good
Brass	Good
Bronze	Very Good
CuNi	Very Good
Titanium	Very Good
Steel - Zinc	Not Suggested

Technical data

Hydraulic capacity up to	O3PRO2 10.000 LT
Operation temperature	5-40°C
Power Supply	220V 50/60 Hz - 1P
Maximum power	140W
Sound pressure level	32 dB(A ²)

Connections

O3 Feed Outlet	Ø	6 mm
O3 Decanter Inlet	Ø	6 mm
Silicon Pipe	Ø	6 x 4 mm

Material data

Frame housing parts	Tekno Polymer
Ozone reactor	Ceramic Plate
Decanter	PVC-U / SS316
Gaskets and O-rings	EPDM

Weights (approximate)

O3PRO2 weight	3,2 kg
---------------	--------

Ozone Plastic Compatibility

ABS	Good
PVCU - PVCC	Very Good
Polypropylene	Enough
Polyethylene	Good
EPDM - PTFE - PVDF	Excellent
Silicon	Excellent
Polyamide	Not Suggested