

Water-Based Odor Control

Fact Sheet

BTOC-A Odor Control Unit

Description and Use...

BioTriad's BTOC-A Series *High Pressure Aerosol Odor Control System* is ideal for the treatment of fugitive nuisance odor emissions.

The odor control unit will dilute a blend of pure and natural, biodegradable essential plant oils with water to form an *Odor Neutralizing Solution*.

When the Odor Neutralizing Solution is sprayed as a fine particle mist into fugitive nuisance odors, the odors will be neutralized on contact.



Unit Features...

- The BTOC-A Series is proven effective in the treatment of fugitive nuisance odor emissions.
- This versatile unit is an affordable solution for a wide variety of nuisance odor sources.
- High pressure water systems are capable of treating up to five thousand feet of perimeter nozzles (with custom models).
- HLHP Systems deliver a fine particle fog that provides a visual effect that is not possible with waterless vapor solutions.
- Water based systems require less electricity than vapor phase systems per foot of coverage.



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Three Types of Odor Treatment...

- Aerosol Distribution Line for applications where the odor source can be surrounded and treated with Complete Perimeter Coverage.
- Aerosol Diffusion Lances and Manifolds for the treatment of fugitive nuisance odor emissions from exhaust fans, vents and stacks.
- Aerosol Curtains for the treatment of fugitive odor emissions from open walls and garage doors.

Product Specifications...

Optional Cabinet

- Diamond Plate Alum. Enclosure
- 0.100" Cabinet Walls & Ceiling
- 0.187" Cabinet Floor
- 4" X 4" Aluminum Platform
- Keyed Lock

Odor Control System Design...

- BioTriad's Water-Based Aerosol Odor Control System is designed for the treatment of Low Level Fugitive Nuisance Odor Emissions.
- This unique system utilizes the natural and biodegradable essential plant oil blends BioTriad has formulated specifically for aerosol fogging.
- All of the components of the BTOC-A odor control units are wash-down duty and corrosion resistant.

Control Panel Options

- NEMA 4 Wall Mounted Enclosure
- Door Interlocked Disconnect C/B
- 250 VA Control Transformer
- 3 Pole Motor Starter w/ Overloads
- Programmable Time Run Clock
- GFCI Interlocked w/ Starter

Product Applications...

- Municipal and Industrial Wastewater Facilities
- Solid Waste Landfills and Transfer Stations
- Food Processing and Meat Packing Plants
- Refineries and Petro-Chemical Plants

Model	Avg. Usage	HP	Voltage	Amperes	Flow	Max. Pressure	Coverage: Feet
BTOC-A500	15 gal / mo.	2	110 / 220	17.2 / 8.6	3.0 gpm	2,000 psi	500'
BTOC-A1000	30 gal / mo.	5	230 / 460	14 / 7	4.8 gpm	2,000 psi	1,000'
BTOC-A1500	45 gal / mo.	7.5	230 / 460	23 / 11.5	6.0 gpm	2,000 psi	1,500'
BTOC-A2000	60 gal / mo.	10	230 / 460	23 / 11.5	8.0 gpm	2,000 psi	2,000'