

# *Vapor Phase Odor Control*

## HLDA Vapor Phase Trailer

Fact Sheet

### ***Description and Use...***

BioTriad's Trailer-Mounted HLDA Series *Waterless Vapor Odor Control System* is ideal for the treatment of fugitive odor emissions.

The Odor Control Trailer will convert a blend of pure and natural, biodegradable essential plant oils from a liquid to an Odor Neutralizing Waterless Vapor.

As the Odor Neutralizing Waterless Vapor and the fugitive nuisance odors contact one another, the odor will be neutralized.



### ***Features...***

- The HLDA Series is proven effective, with thousands of successful installations.
- A reliable, low maintenance solution for both municipal and industrial applications.
- System does not utilize any water, saving this valuable resource for other uses.
- There are no freezing concerns with the HLDA Series Odor Control System, allowing for year-round operation.



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### Three Types of Odor Treatment...

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

### Odor Control System Design...

- BioTriad's Patented Waterless Vapor Odor Control System is designed for the treatment of Low Level Fugitive Nuisance Odor Emissions.  
(Example: Ten parts-per-million or less H<sub>2</sub>S)
- This unique system utilizes the natural and biodegradable essential plant oil blends BioTriad has formulated specifically for Direct Vaporization.

### Product Applications...

- Municipal and Industrial Wastewater Facilities
- Landfills, Transfer Stations and Compost Facilities
- Refineries and Petro-Chemical Plants

### Unit Specifications...

#### Trailer Enclosure

- Aluminum Walls and Roof
- Steel Mounts and Frame
- Trailer Hitch for 2" Ball
- Sealable Air Vents

#### Control Panel

- 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

#### Blower

- Rotron Regenerative Blower
- Pre Lubed and Sealed for life

Model	Avg. Usage	HP	Voltage	Amperes	Feet	CFM	Interior Dimensions
HLDA750	45 gal / mo.	7.5	230 / 460	26 / 13	750'	75,000	60" Wide X 96' Long
HLDA1000	60 gal / mo.	15	230 / 460	44 / 22	1,000'	100,000	60" Wide X 96' Long
HLDA1500	90 gal / mo.	20	230 / 460	66 / 33	1,500'	150,000	60" Wide X 96' Long