

MOBILE TRAILER-MOUNTED VAPOR-PHASE SYSTEM FOR ODOR CONTROL



KEY FEATURES

- Patented Uniform Vapor-Distribution Technology ensures that a consistent and controllable level of product is dispersed via the perimeter piping
- Remote monitoring 24/7 by Byers Scientific staff on status of all machine operating parameters
- Highly mobile system with benefits of vapor-phase efficacy; provides flexibility for changing odor conditions
- Completely self-contained mobile unit includes space for storing one 55 gallon drum
- Distributes deodorizer through piping up to distances of 1,000 lineal feet; pipe can be fully disassembled and reassembled in about 30 minutes
- Minimal maintenance required, system is capable of running for approximately 4 days without requiring refueling
- Available for purchase as well as short-term rental units
- Key personnel receive email/SMS text notifications alerting of machine needs such as low tank level or air filter replacement
- Operational data are logged to provide evidence of compliance to local/state/federal agencies
- Utilizes Ecosorb® 607, a proprietary blend from OMI Industries that is specifically formulated for use in BS&M equipment
- Rugged weather resistant enclosure capable of withstanding prolonged exposure to wind, rain and other elements
- Air filter replacement can be done safely from outside, no need to open/unlock door
- Interior access via lockable 120-degree angle, gas assisted door for general machine maintenance such as product tank filling

WATERLESS VAPOR-PHASE SYSTEM FOR ODOR CONTROL

HRB 501 SPECIFICATIONS

SYSTEM OVERVIEW

Footprint 59.5" L x 46.5" D x 50" H

Decibels at 30 feet: Approx. 65 dB

Access Door with Intake Filter

- Filter Size: 18" x 18" x 1" Nominal
- (Actual: 17.75" x 17.75" x 0.75")

23 Gallon Storage Tank

- Level Sensor
- Temperature Sensor
- In-Tank Heater for Cold Climates
- Tank can be filled by toggle switch operated pump affixed to tote/drum

Evaporation Tank

- Patent-Pending Uniform Vapor Production Level Sensor
- Temperature Sensor
- In-Tank Heater
- Tank fills automatically via PLC

ELECTRIC

UL-LISTED PANEL

- 50 Amp Service Disconnect Switch
- Touch Screen Panel Display
- Indicator Lights
- Programmable Logic Controller (PLC) for Critical System Operations
- Industrial Remote Access Router with External Antenna
- High Limit Heat Safety Controllers

1-PHASE COMPONENTS (230 VAC)

Main Blower

- 3.5 HP Motor
- 15.5 Full Load Amps
- 3530 RPM

Secondary Blower

- 0.5 HP Motor
- 3450 RPM

In-Tank Heater(s)

- 1730 Watts
- 7.2 Amps

24VDC COMPONENTS

Diaphragm Pumps (3)

- 3.0 gallons per hour
- 3.5 Amps

Precalibrated Flow Meter with Totalizer

Precalibrated Differential Pressure Sensor

- Range: 0 - 2 inH₂O

Precalibrated Differential Pressure Sensor

- Range: 0 - 40 in H₂O

**Monitor your system anytime,
from anywhere.**



Every Byers system comes fully equipped with a dedicated Cloud-based website, putting control in your hands.