

GPL ODOR EVAC

The Odor eVac *evacuates* odor, improves work conditions, creates a safer environment, and reduces the risks of leak-call complaints.



Patent US 11,123,678 B2

Product Description

The GPL Odor eVac is a portable air filtration device for ethyl mercaptan odor removal and control. It evacuates odor through adsorption using activated carbon filtration, whether the odor originates from a mercaptan spill or gas discharge. The device is ideal at odorization stations or any building or shelter, whether temporary or permanent, needing mercaptan odor removal.

Problem

Mercaptan smells and becomes a health risk when workers are exposed to high doses.

Solution

The GPL Odor eVac clears the air before mercaptan becomes problematic.

When to Use

- Odorant spills
- Odorant transfers
- Maintenance of odorization equipment
- Odorization equipment failures
- Anytime there is a chance of odorant exposure

Features & Benefits

-  Removes mercaptan odor from air to protect workers and reduce false leak-call complaints
-  Inexpensive to operate—long product lifespan and the filter medium is easily replaceable
-  An integrated hand truck permits quick and easy deployment and mobility
-  Explosion-proof (Cl I Div 2) electrical motor permits using in specified hazardous locations

What they're saying ...



The GPL 750 solved one of our most challenging applications. It demonstrated accurate & repeatable odorant injection even in no flow, low flow, and intermittent flow. It's proven to be boringly reliable.

— Matt Stennett, P.E., Chief Gas Engineer, Smithville, TN

GPL ODOR EVAC

Portable Mercaptan Odor Removal and Control System

Operation

A shaft drives a fan in the blower assembly when starting the motor, forcing the air out of the exhaust and creating suction from the vacuum inlet. This suction draws the air containing odor into the vacuum inlet into the drum and through a layer of activated carbon. The odorant gas molecules attach to the activated carbon's surface through adsorption, and clean, odor-free, filtered air exits the exhaust coupler into the atmosphere. The Odor eVac requires 120 V to operate.

Directions

1. Roll the Odor eVac to an area requiring odor removal.
2. Attach the vacuum hose to the inlet pipe on the bottom of the drum and secure it with the hose clamp.
3. Connect the motor to an electrical outlet, and the engine will start.
4. Place the vacuum hose opening in an area that smells from odorant. (Note: This may be near an obvious source, such as a leaky fitting. Or, it can be a room where there was an atmospheric release of odorant.)
5. Keep the hose in place until the area is odor-free. (Note: If the vacuum is clearing a room, allow sufficient time for filtration and odor removal.)

Filter Media Replacement

Filter media will require replacement when the exhaust of the Odor eVac is no longer odor-free.

To replace media:

1. Remove the drum lid and motor/blower assembly.
2. Carefully pour the expended filter media into an approved waste container and send it to a hazardous material disposal company (refer to Mercaptan MSDS disposal considerations).
3. Fill the drum with replacement media and replace the lid and motor/blower assembly.



Reliable,
Cutting-Edge—yet Simple,
and Environmentally Safe

IT JUST
MAKES
SCENTS!



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