

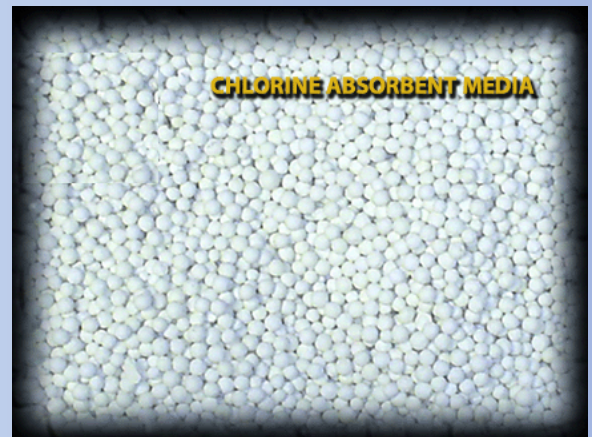
PureAir Filtration

Emergency Gas Dry Scrubber

Your Best Safeguard against toxic gas leaks

Pure Air Filtration Emergency Gas Scrubbers (EGS) are designed as stand-by systems which are ready to adsorb toxic gases in the event of a release. The primary application for these systems is for the containment of leaks from chlorine and sulfur dioxide canisters, though systems can be designed for the containment of any toxic gas.

During a release emergency, when people's lives are on the line, you need the most dependable solution available.



PureAir Filtration's Emergency Gas Dry Scrubbers use gas adsorbent media that is stable, non-toxic, fireproof, and disposable in any landfill. These systems have only one moving part (the blower), and are therefore almost maintenance-free. This stands in stark contrast to wet scrubbers, which must be meticulously maintained due to their complexity and the effects of their caustic chemicals on lines, valves, and nozzles.



Only
ONE
Moving
Part + Stable,
Non-toxic,
and
Fireproof
Adsorbent = **Safety
and
Reliability**

In the past, many municipal systems have been forced to rely on wet scrubbers to provide standby safety assurance. Unfortunately, due to the high requirements of maintainability, these systems have often been found to be ineffective in the event of an emergency. To eliminate this problem, Pure Air Filtration has developed dry scrubber systems for elimination of toxic gases. These systems are designed to require extremely low maintenance and maintain full system availability.

Fact:
Most emergency gas scrubbers sit idle for years, or even decades, before they are suddenly and urgently needed. High-maintenance systems just don't make sense for this application.



= low-maintenance or zero-maintenance component

Dry Scrubber components:	Wet Scrubber components:
<ul style="list-style-type: none"> <input checked="" type="checkbox"/> 1. Vessel <input checked="" type="checkbox"/> 2. Non-toxic Adsorbent Media <input checked="" type="checkbox"/> 3. Blower 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> 1. Vessel <input checked="" type="checkbox"/> 2. Pumps <input checked="" type="checkbox"/> 3. Lines <input checked="" type="checkbox"/> 4. Nozzles <input checked="" type="checkbox"/> 5. Valves <input checked="" type="checkbox"/> 6. Blower <input checked="" type="checkbox"/> 7. Holding Tanks for Caustic Liquid
<p><i>Which of these do YOU want to depend on in an emergency?</i></p>	