

PEACEMAKER® BRAND ODOR CONTROL VENT SCRUBBERS



Technology designed for the control of hydrogen sulfide, mercaptans and other malodorous compounds found in sewer gases.

“WHAT’S THAT AWFUL SMELL?”

Nearly all vent stacks suffer with odor problems, whether they are on homes, commercial buildings, small lift stations or EQ tanks. The main culprit is hydrogen sulfide (H₂S), but other malodorous compounds are present, as well. The problem has largely been ignored or ineffectively treated with activated carbon. PEACEMAKER® Vent Scrubbers use the same technology found in PEACEMAKER® Dry Air Scrubbers and in PEACEMAKER® Odor Control Manhole Scrubbers. Proven, practical technology which destroys odors — and lasts.

A SENSIBLE SOLUTION FOR ODOR CONTROL

The filter design provides generous venting through two PEACEMAKER[®] Media Technologies based on the application need.

1: Low H₂S: Oxidizing/Polishing Media. Oxidation is accomplished with chlorine dioxide technology. Because chlorine dioxide reacts selectively and primarily with only the most offensive odor producing compounds (hydrogen sulfide, organic sulfurs, organic amines) PEACEMAKER[®] Oxidizing/Polishing Media will normally provide a much longer service life than products such as activated carbon. Unwanted reactions do not occur. Power is not needlessly spent; chlorine dioxide remains available and ready on demand. Polishing is accomplished with countervailant technology. This technology protects against the escape of malodors which cannot be oxidized or readily oxidized. Countervailant technology is complex and broadly useful chemistry. It incorporates polymeric adsorption and electrostatic bonding technologies. Polishing and oxidizing are accomplished simultaneously. The result is safe, extremely effective, broad-spectrum malodor control.

2: High H₂S: A patented media that uses a polymeric amine, formulated for maximum removal of H₂S and volatile mercaptans. The combination of multiple amine sites and organophilic properties allows for fast, efficient removal of these problematic compounds. This chemistry reacts with H₂S and mercaptans to form water-soluble and non-volatile poly sulfides that are readily biodegradable. In simple words, gaseous H₂S is turned into a stable, liquid polymer.