



Peacemaker™ Brand Vent Stack Gas Filtration Units

Brand New technology designed for the control of sulphides, mercaptans and other malodorous compounds generated in wastewater networks

peace'mak'er, n.

- One who makes peace or reconciles parties at variance
- Allays agitation, calms

DI-OX™ a.

- Di, double, twice
- Ox, beast of burden, hence patient & powerful

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“What is that Smell!” Chances are you have dealt with this very question more times than you care to remember. Not all that long ago, nuisance odours were considered unavoidable. Unpleasantries we just had to bear. But no more! Public intolerance of malodour has grown dramatically. Regulatory pressure is rigorous.

It's a good bet that you have tried and discarded many proposed solutions in your role as “peacemaker”. But it's a sure bet you haven't tried what you are about to see.



Top: Peacemaker Passive Vent FilterManhole Filters

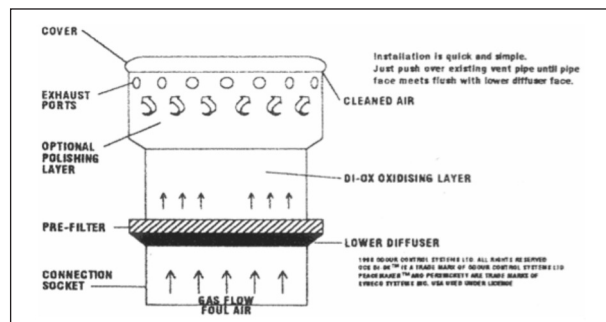
Above: Peacemaker Vent Stack Filters

continued overleaf >>>

Peacemaker Vent Stack Gas Filters

Patent Pending Vessel Design

Elegantly simple, PEACEMAKER™ (brand) systems are compact, self contained, portable, safe and easily installed. Vessel design is integral to the performance of the system. Foul air, exhausted by the Vent Stack, is gently pushed through the treatment chamber and diffused in a manner to maximise distribution and contact with treatment media and chemicals. Only one thing can happen - *foul air goes in; clean air comes out!*



Patented Chemistry and Media Design

The PEACEMAKER™ provides breakthrough chemistry and media design for malodour control. Patented, demand dependent, OCS DI-OX™ releasing media can be combined with other absorptive media types to provide safe, extremely effective, broad-spectrum malodour control.

The Oxidising Layer

OCS DI-OX™ is an extremely powerful oxidising agent. For example two and a half times that of chlorine, four times that of potassium permanganate. Because OCS DI-OX™ reacts selectively and primarily with only the most offensive odour producing compounds (hydrogen sulphide (H₂S), organic sulphurs, organic amines, petroleum distillates), the PEACEMAKER™ system will normally provide a much longer service life than competitive products. Similarly OCS DI-OX™ will remain intact longer than chlorine, hypochlorite, peroxide and permanganate. Unwanted reactions do not occur. Power is not needlessly spent. OCS DI-OX™ remains available and ready on demand. **Under normal circumstances OCS DI-OX™ media is all that is required to solve the problem.**

The Polishing Layer

This optional layer protects against the escape of malodours which cannot be oxidised, such as ammonia. Several absorptive medias are employed, depending upon particular odour polishing requirements.

Alumina and carbon materials are typical examples, but a novel odour polishing media under patent application is based on recycled fibreboard treated with special polymers and moulded into cubes. The result is a material from which a media matrix is formed which possesses excellent odour absorption properties.

Peacemaker™ Vent Stack Filters are available in three standard sizes. But special sizes and designs are also available to suit particular customer requirements.

Specifications

ITEM	MODEL VSF110	MODEL VSF160	MODEL VSF350
COVER	Coated Polypropylene 110 mm	Coated Polypropylene 160 mm	H.D.P.E.
VESSEL	Coated Polypropylene 110 mm	Coated Polypropylene 160 mm	H.D.P.E.
LOWER DIFFUSER	Polypropylene	Polypropylene	Polypropylene
FILTER	Nylon Mesh	Nylon Mesh	Nylon Mesh
UPPER DIFFUSER	Polypropylene	Polypropylene	Polypropylene
CONNECTION SOCKET	Coated Polypropylene 110 mm complete with Neoprene Gasket	Coated Polypropylene 160 mm complete with Neoprene Gasket	Modified H.D.P.E.
DIMENSIONS	110 mm o.d., 100 mm i.d. Height 375 mm	160 mm o.d., 150 mm i.d. Height 375 mm	350 mm o.d., 300 mm i.d. Height 900 mm

preserving the environment

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