



**OdaTech®**  
*odours...controlled naturally*



Busselton Wastewater Treatment Plant, WA



Milan Terrace WWPS, Stirling, SA



Wanjeep Street WWPS, Mandurah WA

**OdaVent®**

[OdaTech is under license agreement  
with ARCASA Pty Ltd]

## **OdaVent® SPSV** Modular Biofilter for Odour Control

The OdaVent® SPSV modular biofilter effectively controls and treats odours by passive or force ventilation from wastewater facilities such as wastewater pumping stations, collection main sewers and wastewater treatment plants, as well abattoirs, piggeries, chicken processing and meat rendering industries.

The OdaVent® biofilter utilises sustainable biotechnology a patented tiered design which prevents biomedica compression, water-logging and airflow channelling. OdaTech's modular biofilter systems are designed to tightly control treatment conditions and provide the ideal ecological environment for the long-term survival and growth of the oxidising bacteria in the specially blended and optimised biofilter media

The expandable, modular systems can treat flow rates up to 6,000 cubic metres per hour for Hydrogen Sulphide (H<sub>2</sub>S) concentrations above 800ppm. Features

- Entirely natural treatment process
- Innovative, patented tiered design
- Proven H<sub>2</sub>S removal efficiency > 99% (two stage treatment)
- Low capital and whole of life costs
- Virtually maintenance free
- Expandable, modular design
- Small footprint
- Proprietary biomedica blend formulated to maximise performance
- No hazardous wastes produced

### **Specifications**

- Flow rates: 1000m<sup>3</sup>/h (per module)
- Maximum gas loading rate: 100m<sup>3</sup>/h.m<sup>2</sup>
- Pressure Drop: 100-150 Pa
- Water consumption: 20 litres per day
- Media Volume: 10m<sup>3</sup>
- Media Life: 3-5 years
- Total operating weight: 7 tonnes
- Dimensions: 2.3m dia. x 3.0m high
- Manufactured from UV stabilised HDPE
- Complies with WSA 121-2004 Water Industry Standard for Biofilters for Odour Control

**OdaTech® Pty. Ltd.**

3 Windsor Ct, Balcatta WA 6021

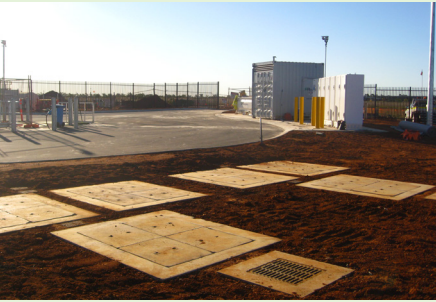
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*James Street Wwps, South Hedland*



*The OdaVent® MHV can be installed above or below-ground.*



*OdaVent® MHV installed in a street verge  
- St Lucia, Qld*

## **OdaVent® MHV** Below-ground Modular Biofilter for Odour Control

The OdaVent MHV100 is a compact, below-ground, modular biofiltration odour control system for use at sewage pump stations, overflow storage tanks, air valve pits and access chambers. It is easily adapted to small sites with limited space or can be installed unobtrusively below-ground and in street verges and public open spaces.

The system is available with passive or active ventilation, and can be installed above or below-ground with semi-trafficable or fully-trafficable covers depending on the application.

The modular and expandable concept allows flexibility to design systems which will effectively treat offensive odours with flow rates from 100 - 500 cubic metres per hour and hydrogen sulphide (H<sub>2</sub>S) concentrations of 200ppm.

### **Features**

- Entirely natural treatment process
- Can be entirely concealed in street verges or driveways
- Innovative, patented tiered design
- Virtually maintenance free
- Proven H<sub>2</sub>S removal efficiency > 99% (two stage treatment)
- Low capital and whole of life costs
- Expandable, modular design
- Small footprint
- Proprietary biomedea blend formulated to maximise performance
- No hazardous wastes produced

### **Specifications**

- Flow rates: 100m<sup>3</sup>/h (per unit)
- Maximum gas loading rate: 100m<sup>3</sup>/h.m<sup>2</sup>
- Pressure Drop: 20 - 40 Pa
- Water consumption: 10 litres per day
- Media Volume: 1 m<sup>3</sup>
- Media Life: 3-5 years
- Total operating weight: 0.9 tonnes
- Dimensions: 1.1m x 1.1m x 1.0m
- Manufactured from UV Stabilised HDPE
- Complies with WSA 121-2004 Water Industry Standard for Biofilters for Odour Control

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