

ZC FILTER RANGE

Why choose the ZC-Series?

- Combined media filtration: 3 stage treatment
- Treats high to extreme levels of h2s & vocs
- High airflow rates up to 505 l/s
- Fast and easy to install - no disruptions
- Relocatable
- No programming required, electronics an option
- No water or biological organisms
- Suitable for low security sites
- Available for long or short term hire



McBerns Combined Media Odour Filters

- Absorb & treat gases fast
- Low operating & maintenance costs
- Passive mode when No mains power required
- Long media life compared to standard
- Carbon filters
- Reduce customer complaints
- Wind assisted or electric fans available
- Quick, safe & easy to install
- Replacement media cartridges
- Size range to suit all sites
- Economical & effective
- Odour logging data support
- Easy & safe servicing
- Can be adapted to any pipe size

McBerns ZC Filter Range

The ZC-Series Odour Filter Unit demonstrates the true performance of the McBerns Combined Media Filtration.

Using our combined media filtration method which incorporates our specially formulated media cartridges, activated carbon and natural minerals to adsorb, absorb and treat the noxious gases in sewerage networks.

Designed for use on trunk sewerage systems, sewer air-release valves, manholes, pump stations, packaged treatment systems, sewer pressure main discharge and treatment plants.

The ZC-Filters achieve up to 99.9% hydrogen sulphide (H₂S) gas removal through adsorption, absorption and conversion of gaseous compounds.

They can be operated as either passive or extractive units, capturing large gas surges which occur with high-volume sewage flows. They are capable of handling high airflows with high gas concentrations and they operate very effectively in high humidity.

The modular design allows for flexible installation, as they can be fitted as stand-alone units or installed in parallel to increase overall treatment capacity. All models come complete-ready for plumbing on site, reducing shutdown times and disruption to operations.

Operating costs are minimal for the passive installation as electronics, programming and connection to power and/or water is not required to operate efficiently. Ongoing maintenance is also safer and easier to carry out.

The units are fully rechargeable with our mixed-media cartridges and carbon.

A three-phase 'ExE' extraction fan can be added where mechanical air extraction is required.



ZC 3000 Odour Filter



Part Number:	ZC3000
Description:	Flow rates up to 505 L/s
Application:	Sewage Pump Stations, Manholes, Air Valves, Trunk Sewerage Systems, Packaged Treatment Systems, Sewer Pressure Main Discharge, Treatment Plants
Material / Finish:	Pale Eucalypt Powder Coated Stainless Steel with Chemical Resistant Lining
Dimensions:	1100 W x 3000 D x 1560 H
Weight:	2050 kg
Media Replacement:	10 x F375MC, Activated Carbon, Combined Media

ZC 1500 Odour Filter



Part Number:	ZC1500
Description:	Flow rates up to 300 L/s
Application:	Sewage Pump Stations, Manholes, Air Valves, Trunk Sewerage Systems, Packaged Treatment Systems, Sewer Pressure Main Discharge, Treatment Plants
Material / Finish:	Pale Eucalypt Powder Coated Stainless Steel with Chemical Resistant Lining
Dimensions:	1100 W x 1100 D x 1580 H
Weight:	1050 kg
Media Replacement:	5 x F375MC, Activated Carbon, Combined Media

ZC 1200 Odour Filter



Part Number:	ZC1200
Description:	Flow rates up to 210 L/s
Application:	Sewage Pump Stations, Manholes, Air Valves, Trunk Sewerage Systems, Packaged Treatment Systems, Sewer Pressure Main Discharge, Treatment Plants
Material / Finish:	Pale Eucalypt Powder Coated Stainless Steel with Chemical Resistant Lining
Dimensions:	1100 W x 1100 D x 1300 H
Weight:	880 kg
Media Replacement:	5 x F375MC, Activated Carbon, Combined Media



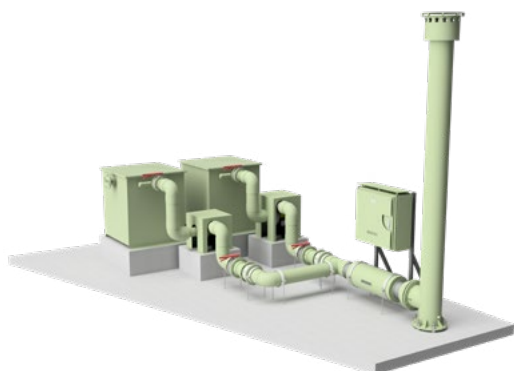
ZC 300 Odour Filter

Part Number:	ZC300
Description:	Flow rates up to 120 L/s
Application:	Sewage Pump Stations, Manholes, Air Valves, Trunk Sewerage Systems, Packaged Treatment Systems, Sewer Pressure Main Discharge, Treatment Plants
Material / Finish:	Pale Eucalypt Powder Coated Stainless Steel with Chemical Resistant Lining
Dimensions:	800 W x 800 D x 1230 H
Weight:	380 kg
Media Replacement:	ZC300KIT



ZC 450 Odour Filter Slimline

Part Number:	ZC450S
Description:	Flow rates up to 120 L/s
Application:	Designed for limited size spaces, Sewage Pump Stations, Manholes, Air Valves, Trunk Sewerage Systems, Packaged Treatment Systems, Sewer Pressure Main Discharge, Treatment Plants
Material / Finish:	Pale Eucalypt Powder Coated Stainless Steel with Chemical Resistant Lining
Dimensions:	1100 W x 600 D x 1200 H
Weight:	380kg
Media Replacement:	ZC450KIT



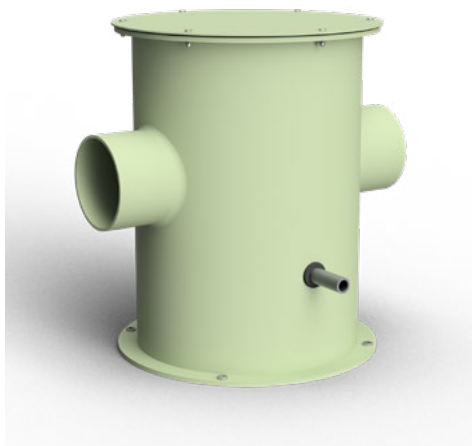
Custom Design Solutions

Part Number:	Custom Designed Filter
Description:	Custom Designed
Application:	Various filter design configurations with monitoring included as an option
Material / Finish:	Pale Eucalypt Powder Coated Stainless Steel with Chemical Resistant Lining
Dimensions:	Custom Designed
Weight:	Variable



Air Valve 300 Odour Filter

Part Number:	ARV300
Description:	Flow rates from 60 L/s
Application:	Above Ground Air Valves
Material / Finish:	Pale Eucalypt Powder Coated Stainless Steel with Chemical Resistant Lining
Dimensions:	1070W x 800D x 1775H
Weight:	Variable
Media Replacement:	4 X F300MC



Pre Filter 375

Part Number:	PF375
Description:	Flow rates to design
Application:	Intended to remove moisture, fats, grease and particulate matter from the airstream
Material / Finish:	PVC Painted Pale Eucalypt
Weight:	30 kg
Media Replacement:	Airmist Filter



Under Manhole Filter

Part Number:	UMH300HD
Description:	Flow rates up to 15 L/s
Application:	Manholes, Custom orders to suit
Material / Finish:	Stainless Steel with Chemical Resistant Lining
Dimensions:	Custom Designed
Weight:	Variable
Media Replacement:	1 x F300MC



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SAFETY ACCESS COVERS
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