

PODZ PV

Maintenance Hole Odour Control

INDUSTRY-LEADING INNOVATIONS

PODZ PV is a manhole insert fitted with an activated carbon filter designed to reduce odorous gases from industrial utility and public underground sewer collection systems.

Odours emanating through maintenance hole covers of wastewater sewer lines can be a serious nuisance to public facilities, residential homeowners and pedestrians, impeding the quality of life.

The PODZ PV activated carbon filters are specially designed to reduce sewer odours, trapping malodorous hydrogen sulfide (H₂S) and other annoying gases without interrupting the air flow through the system. The PODZ PV filters' solid, one-piece construction make them simple and quick to replace. The efficient filter design allows rainwater to drain through, keeping maintenance issues to a minimum.

Advantages

Cost Effective

-  Competitive pricing
-  Available for any size & shape openings
-  Individually sealed replacement filters
-  No chemicals or energy required

Tough and Efficient

-  Durable and corrosion resistant
-  Filters can be doubled for higher adsorption capacity
-  Typical odour reduction of 96% (EN 13275)

Business as Usual

-  Quick & simple filter replacement
-  Easy removal of the insert for pipe maintenance
-  No pressure build-up
-  No rainwater accumulation
-  Debris easily rinsed off



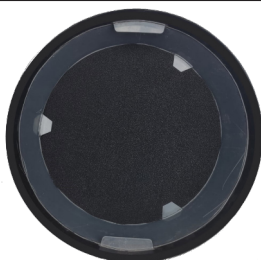
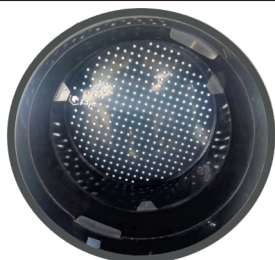
Technical Details

The PODZ PV is manufactured to the required dimensions and shape with varying depths to suit all types of maintenance holes. It is compatible with most lid models.

Frame inserts made from polypropylene or polyethylene ensure durability and even the toughest environments. Each insert can hold multiple activated carbon filters enhancing capacity in large conditions or extending their lifespan.

PODZ Filter	
Media	Proprietary activated carbon blend
Weight	2400 g/m ²
Thickness	40 mm
Carbon Content	≥ 1800 g/m ²
Resistance (Pa)	< 45
Temperature Range	-35°C to 85°C (-31°F to 185°F)

Part Number	Description
PV-600	Manhole Insert with a diameter of 600mm
PV-900	Manhole Insert with a diameter of 900mm
4E-40R500	Set of 4 filters 40mm thick for PV-600
4E-40R800	Set of 4 filters 40mm thick for PV-900



About Pi² Technologies

Founded in 2011, Pi² Technologies is a privately owned Canadian company dedicated to pioneering innovative solutions for odour control. In 2024 a subsidiary in Brazil was established.

We develop, produce and market the most cost-competitive solutions for mitigating odour emissions, improve safety in operational environments, and enhance the quality of life for communities.

With a strong global presence, Pi² Technologies has been a trusted partner from the start, empowering municipalities and industries to mitigate their odour impact, lower their carbon footprint, and to uphold the highest standards of sustainability and environmental responsibility.



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