

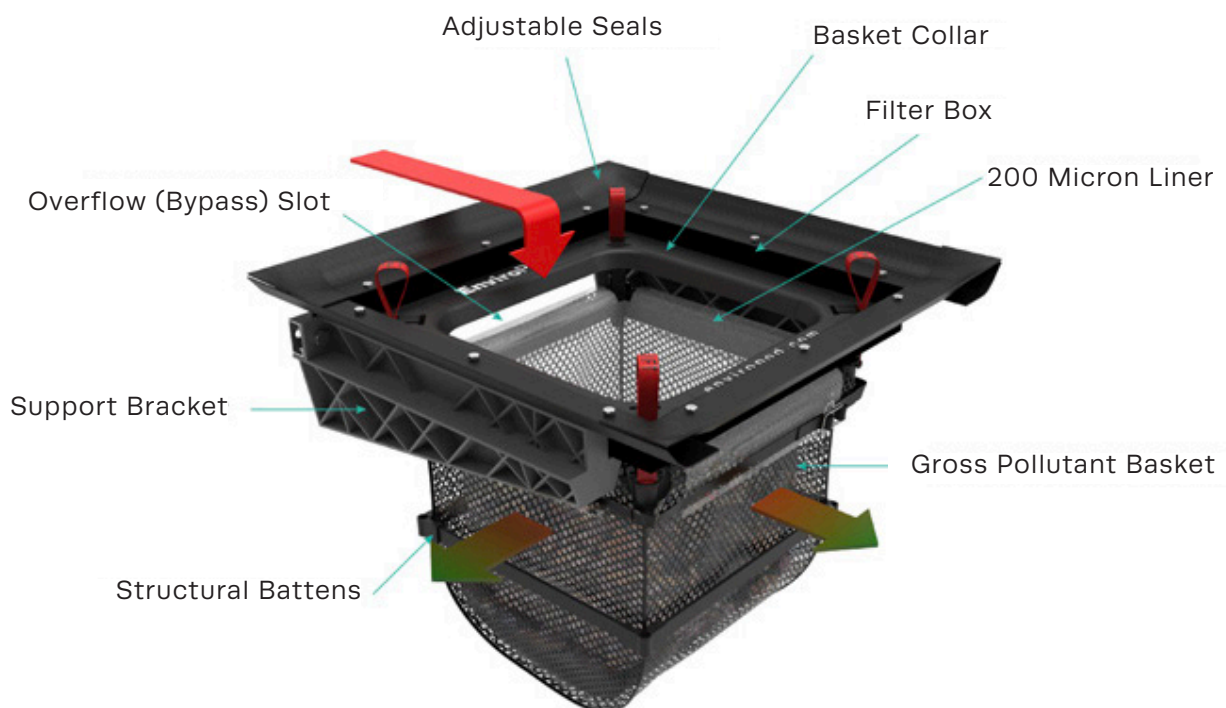
The **EnviroPod®200** is the original gully pit insert designed to capture pollution that runs into stormwater drains.

Easily installed into new or existing stormwater pits, the **EnviroPod®200** specifically targets gross pollutants, total suspended solids, and attached pollutants.

The product is effective as a pre-treatment device for use in a treatment train with hydrodynamic separators, filtration devices, ponds, and wetlands. In many cases, it is often the most practical solution for retrofits. Independently trialled and tested by city councils throughout Australia and New Zealand, and with the installation of over 50,000 units worldwide including North America, the **EnviroPod®200** is the most specified and installed gully pit insert in Australasia.

FEATURES AND BENEFITS

- Adjustable, high flow rate bypass
- Installed with 200 micron liner
- Storage of captured dry gross pollutants
- High capacity pollutant storage
- Strong, lightweight patented basket
- Multiple sizes and configurations
- Complete capture of gross pollutants ≥ 200 micron
- Simple installation – No construction means low capital costs
- Enhanced sediment capture and retention
- Superior pollutant removal with high hydraulic efficiency
- Design flexibility – a range of sizes to fit most gully pits
- Ease of maintenance, with no confined space entry



HOW DOES IT WORK?

Placed inside the stormwater drain gully pit, the **EnviroPod®200** captures and retains any sediment and gross pollutants caught up in the stormwater runoff.

Stormwater flow enters the gully pit through a grate, kerb entry or both, and enters the patented basket before passing over oil adsorbent pads (optional) and through the filter liner.

The filter liner captures pollutants and allows the water to pass through to the outlet pipe. The optional absorbent material inside the screening bag captures oil and grease caught up in the stormwater runoff.

Once the filterbag is full, it can be lifted out and emptied by hand or contents can be removed by a vacuum inductor truck. If the filterbag is full or during high flows, overflow is released through the overflow apertures in the frame assembly.

DESIGN AND OPERATION

The **EnviroPod®200** consists of a Support System, Plastic Seals, Flow Diverter, Energy Dissipator, Basket, and Adjustable overflow Bypass. Components comprise of inert engineered plastics.

Support system brackets fix the unit to the gully pit wall below the stormwater drain grate allowing the filter bag to be easily lifted out for hand maintenance. Modular plastic deflector seals attach to the filterbox and guide the flow of water to the filter bag. Openings in the filter box allow water to bypass the filter bag during high flow conditions to prevent surface flooding.

Once the filter bag has been removed for maintenance, open access to the base of the gully pit and outlet pipe means any accumulated sediment in the pit can easily be removed by inductor truck if required.

CONFIGURATIONS

The **EnviroPod®200** is available in several standard sizes, designed to fit pits ranging from 450 x 450mm up to 1200 x 1200mm. Custom designs are also available for larger pits. The **EnviroPod®200** can be installed in kerb entry, grated drain, and field gully pits.

MAINTENANCE

All treatment devices require maintenance to remove trapped contaminants and to minimise bypass. Due to the variable nature of stormwater pollution and localised site pollutant loadings, maintenance frequencies vary for different sites and different rainfall characteristics.

To ensure that each **EnviroPod®200** achieves optimal performance, the unit should be maintained every 6–12 months; however it is dependent on the catchments' pollutant loading.

Maintenance is a simple process that requires no confined space entry. Maintenance can be quickly undertaken using a vacuum truck or it can be maintained manually by hand.

