

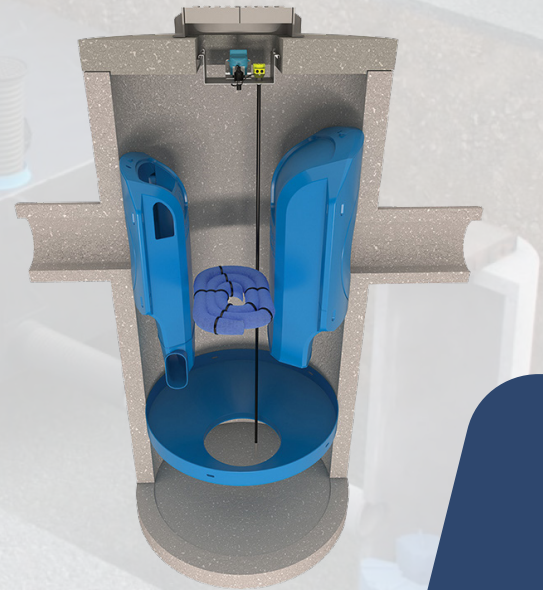
Downstream Defender® Select

Customise the capture and retention of sediment, oils and floatables from stormwater runoff over a wide range of flows in a small footprint.

The Downstream Defender® Select separator is the new generation of hydrodynamic vortex separator for treatment of stormwater runoff to protect the environment and meet water quality requirements. Its customisable performance and an extended range of chamber sizes allows engineers to tailor

their drainage designs to meet specific pollutant removal standards.

The Downstream Defender® Select can accept a range of inlet pipe sizes and up to three inlets, removing the need for difficult pipe connections, couplings or additional chambers.



Benefits

Customise performance to suit site stormwater quality objectives

Engineers can meet stormwater quality objectives with customisable performance and the ability to work alongside other treatment solutions such as ponds, swales and constructed wetlands.

Save costs with more specific sizing for performance

The Downstream Defender® Select is offered in an extended range of chamber sizes helping engineers match flow rates and removal rates more cost-effectively.

Save costs with improved connectivity

The Downstream Defender® Select can accept up to three inlets and a wider range of connecting pipe sizes, helping to make design and installation on site easier and cheaper.

Targeted Pollutants

Fine particles

Floatable debris

Liquid & sediment bound hydrocarbons

Sediment bound heavy metals

Sediment bound nutrients

Applications

The Downstream Defender® Select reliably treats runoff from any impermeable surfaces including highways, car parks and industrial areas:

Highways

Car parks

Industrial areas

Pre-treatment for natural features such as swales, ponds and detention basins.

For use with other natural Sustainable Drainage Systems (SuDS) treatment to meet required performance standards.

Retrofit

As part of SuDS, Water Sensitive Urban Design (WSUD), LID or LEED systems.

Areas where high solids and trash/litter capture are a must.