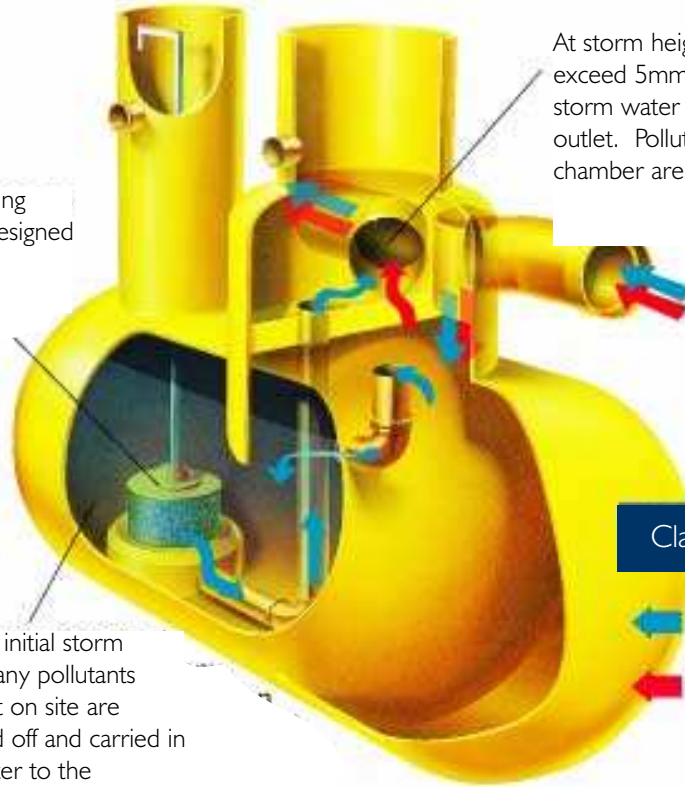


TANKS & INTERCEPTORS

BYPASS SEPARATORS

The use of a separator is required where there is a high risk of hydrocarbon pollutants entering surface water drains. All road vehicles are subject to accidental leakage of fuel and lubricants that wash into drainage systems with surface run off during rainstorms. Fuel depots and delivery vehicles are at particular risk of spillage. Separators are installed in drainage systems to intercept and treat contaminated water.



Coalescing filter - designed for easy removal

During initial storm stages any pollutants present on site are washed off and carried in rainwater to the separator retention chamber

At storm height, when flows may exceed 5mm/hr, uncontaminated storm water overflows directly to the outlet. Pollutants held in the retention chamber are undisturbed

Class I Bypass Unit

Treated flow path

Bypass flow path

Application Areas

Car parks, hard standings, roads and similar areas of low risk where it is not required to provide full treatment for rare high flows

Features & Benefits

Full treatment of rainfall flows of up to 5mm/h Automatic closures are not appropriate for Bypass separators, but filters for Class 1 models and monitors for both classes are usually fitted

Single shaft access on Class 2 models allows improved cost savings

Pipework & Access Shafts

Virtually any size inlet/outlet pipework and orientation manufactured Standard sizes are 100 and 150mm UPVC with larger sizes fabricated in GRP

All Separators must be vented and a standard Socket is provided in the access shaft. Extended shafts available to cover any depth of installation - up to 1m supplied as standard

This product requires frame(s) and cover(s)



Model/type	Size mm	Duty	European Standard	Loading	Typical Overground
A15	600 x 450	light duty	BSEN 124	3 tonne approx.	cars & small vans
B125	600 x 450	medium duty	BSEN 124	17 tonne approx.	vans & small commercial
D400	600 x 450	heavy duty	BSEN 124	38 tonne approx.	large commercial/HGV

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