FlowCheck Chamber
vortex flow control chamber

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The FlowCheck “Vortex Flow Control Chamber” is the latest addition to the Sustainable Drainage (SUDS) suite of products from Stormwater Management Ltd and comprises of a prefabricated plastic chamber, in a range of diameters, with integral vortex flow control device.

One aim of a sustainable drainage system is to mimic greenfield run off rates from developed sites. One way of achieving this aim is by stormwater storage and attenuation.

The new FlowCheck chamber allows precise control of site discharge rates and when combined with our storage systems provides an industry recognised flow attenuation solution.

Features:
- Pre-Fabricated to customer specification.
- Choice of Depth up to a maximum invert level of six meters.
- Lightweight chamber design.
- Tough and durable product.
- Designed to integrate into the extensive range of Stormwater Management Ltd advanced drainage systems.
- Designed to be used in conjunction with Stormwater Management Ltd solutions.
- Choice of chamber sizes from 1050mmØ, 1200mmØ, 1500mmØ and 1800mmØ.
- All “Vortex Flow Controllers” and fasteners used in the manufacture of the chambers are manufactured from A2 304 Stainless Steel.
- Option of Step Irons to BS1247
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Benefits of the FlowCheck Chamber

- A sealed chamber produced in our dedicated fabrications department, built to exacting specifications and delivered to site ready to be installed.
- The factory-fitted Vortex Control Device saves the contractor time and expense of on-site fabrication.
- Vortex Control Devices are widely recognised as being the most hydraulically efficient means of flow regulation. The unique design utilising no moving parts, means they are virtually maintenance free.
- FlowCheck Chambers are manufactured with an integral sump for silt catchment and an optional drain down system to ease maintenance and silt removal.
- The FlowCheck Chamber can be integrated with any Stormwater Management Ltd SUDs Solution and the market leading GeoPipe ADS System.

Manual Bypass Design
The manual bypass design offers a bypass to the flow control device which is manually operated from the surface. The activation of the bypass system opens a door in the head wall allowing water in the chamber to drain down via the bypass pipe.

Non Bypass Chamber
For sites where discharge rates must be guaranteed and not exceeded.

Auto Bypass Design
FlowCheck chambers with automatic bypass systems are also available, please contact our Technical Office on 01455 502222 for further information.

Installation Details
The tough yet lightweight nature of the FlowCheck chamber allows fast and efficient installation.

For specific details call our technical office on 01455 502 222
or visit our website at www.storm-water.co.uk

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