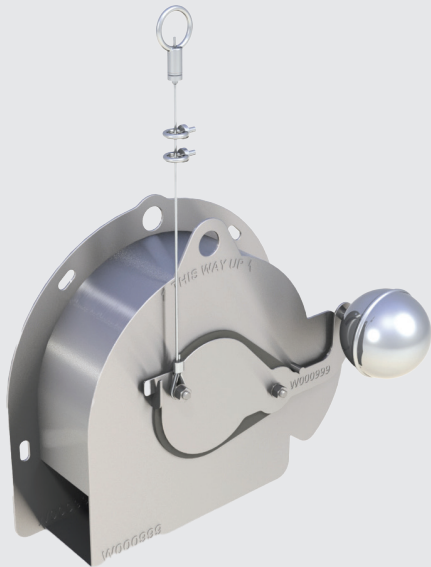
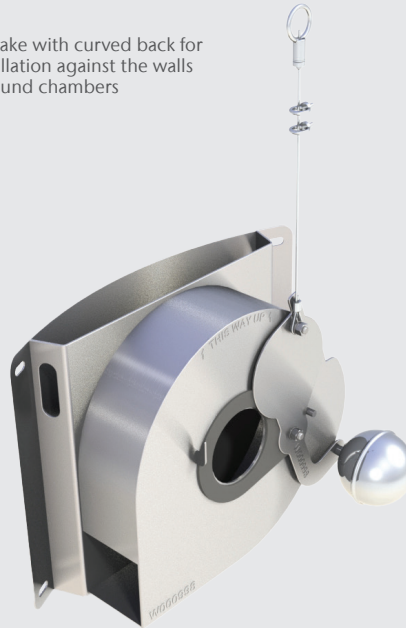


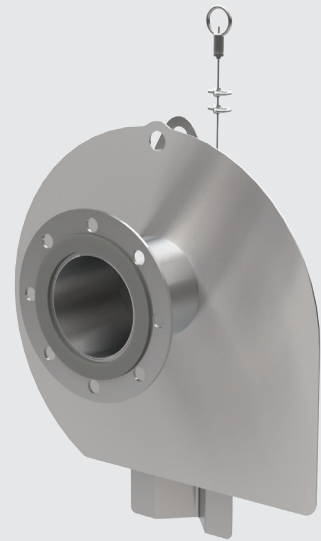
Q-Brake for installation against weir walls



Q-Brake with curved back for installation against the walls of round chambers



NEW! Q-Brake with PN16 flange connection



ACO Q-Brake and Q-Chamber

DATA SHEET

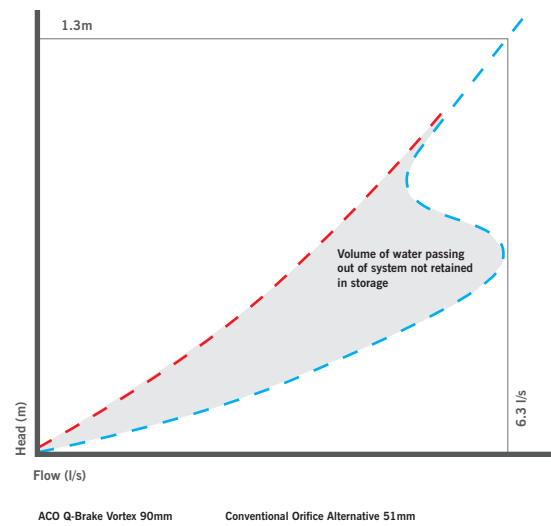
Q-Brake Vortex

ACO Q-Brake is a horizontal vortex flow control designed to prevent downstream flooding by controlling the release of stormwater before it discharges into the watercourse or sewer.

Designed to regulate storm water flows from 2 - 100 litres per second, ACO Q-Brakes are manufactured to order, each specifically optimised for the design parameters of the project, providing optimum hydraulic efficiency to reduce on-site storage.

Benefits

- Custom built to suit the site requirements
- Available from 2-100 l/s and up to 3m design head
- Manufactured from grade 304 stainless steel
- Available with curved or flat back
- Attenuation volume required reduced
- Larger clear opening, than traditional orifice plates, reduces risk of blockage



- Available as a model in Microdrainage and Causeway Flow
- Approved by many local authority bodies

ACO Q-Chamber

ACO Q-Chamber is a durable bespoke prefabricated chamber designed to house ACO Q-Brake, as well as ACO Q-Plate.

It combines easy-handling and simple installation with a fully-welded plastic, durable construction.

Benefits

- Easy transportation and installation
- Minimise working time in a confined space
- Bespoke fabrication of chambers with inlets and outlets in twin-wall pipe for simple connection
- Chambers available in*:
Diameters 600mm – 2500mm
Height 1000mm – 3500mm

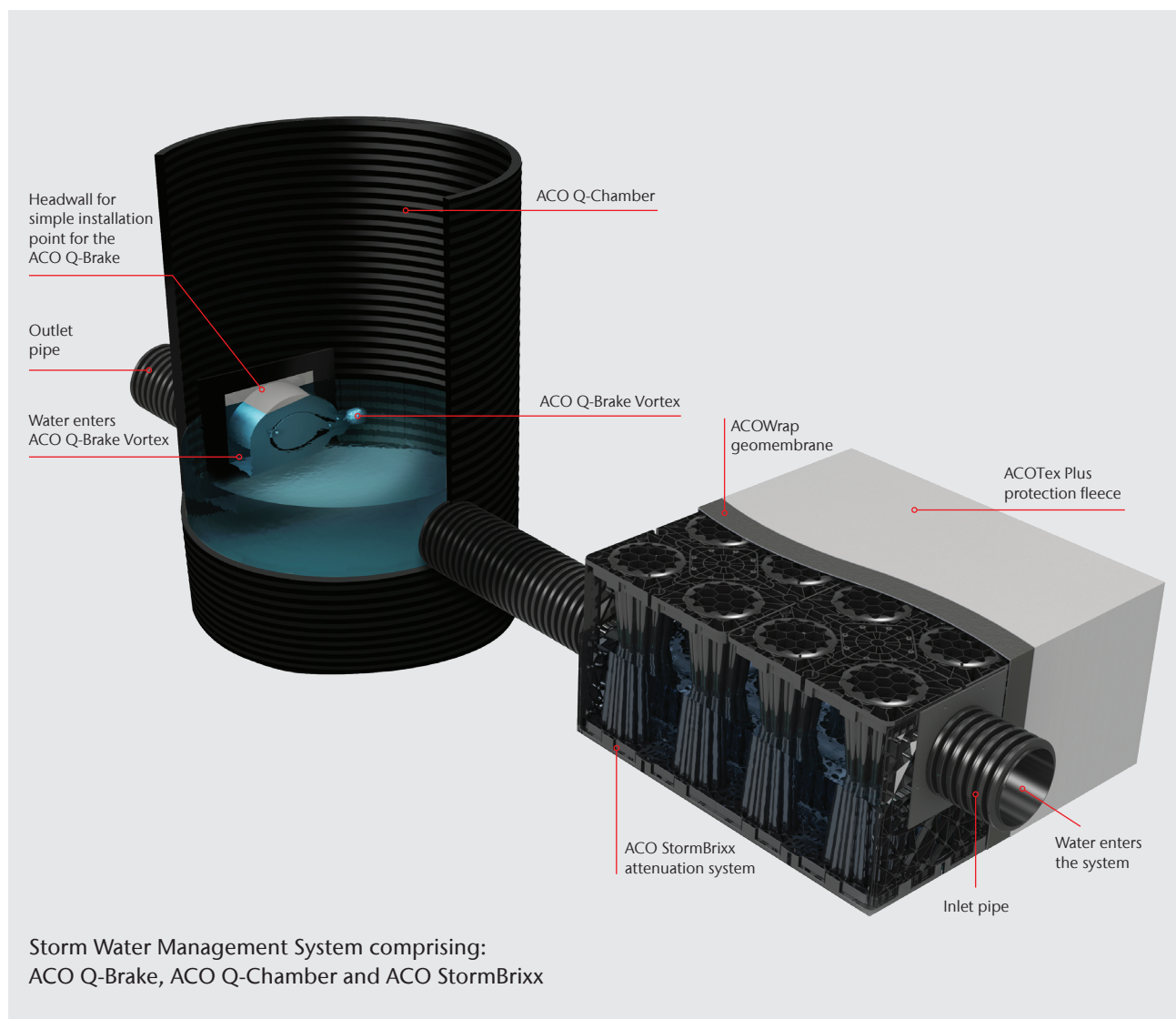
*other dimensions available on special request

Parameters to quote:

ACO Q-Brake: Design head (m) and Flow rate (l/s)

ACO Q-Chamber: Depth to invert / Diameter of the chamber / Number of pipe connections / Diameters of pipe connections

For our dedicated stormwater management team, please email: uk-sw@aco.co.uk



ACO Water Management Contacts:

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ACO. we care for water

