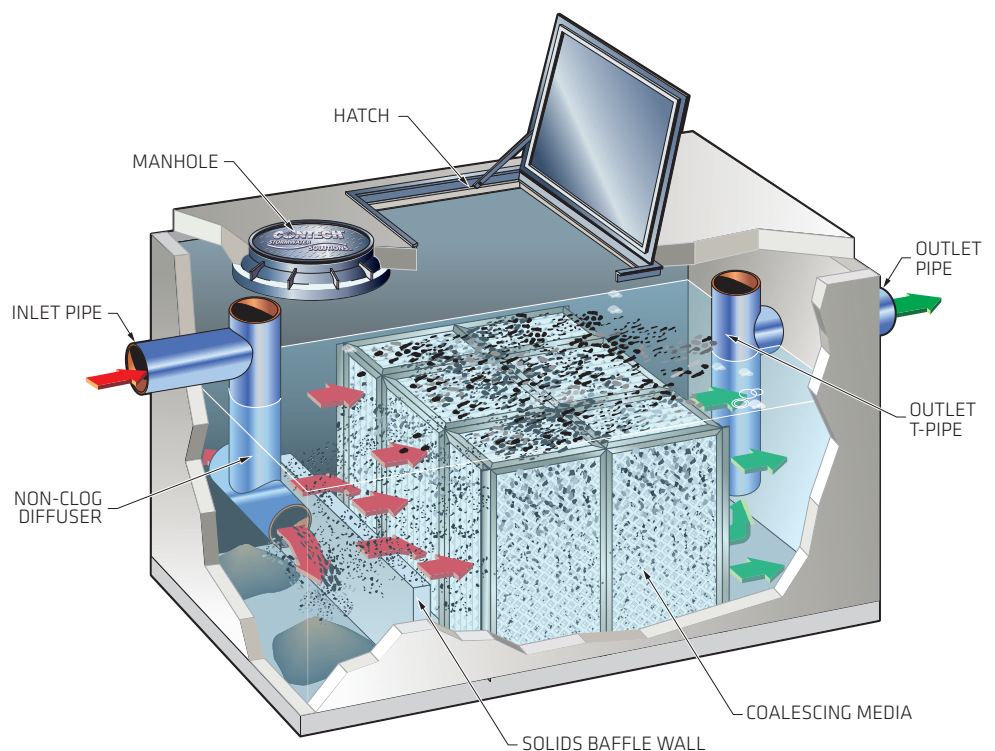


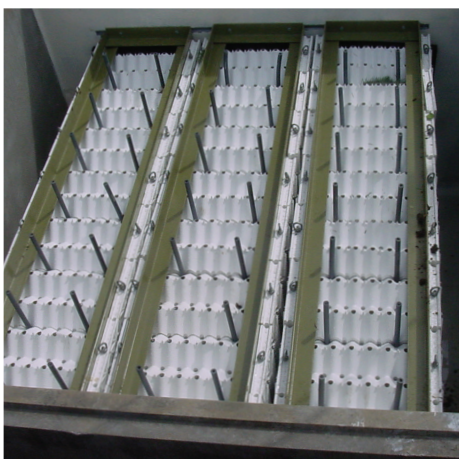
VortClarex™ oil/water separators employ innovative coalescing media to remove free oil from contaminated stormwater runoff. The system is ideally suited for sites where specific effluent targets are specified, or for sites where removal of oil and grease is the greatest concern. The VortClarex™ coalescing media maximises surface area, increasing performance and effluent quality. It is typically sized to remove oil droplets as small as 60 microns and achieve an effluent concentration of 10 mg/L or less.

HOW DOES IT WORK?

Flows enter the VortClarex™ system via a non-clog diffuser and are distributed across the chamber width. The influent passes over a solids baffle wall where settleable solids drop out, reducing the amount of solids in the flow as it enters the coalescing media. As the flow passes through the media, oily pollutants accumulate on the surface and come into contact with others to form larger, more buoyant droplets. These buoyant droplets rise upward through the media and are released near the water surface. The oil is trapped behind the outlet T-pipe, and treated water exits the system.



COALESCING MEDIA PACK



VORTCLAREX™ BENEFITS

- Removes up to 99.9% of free oil
- Typical effluent quality 10 mg/L or less
- Easy to install and maintain
- Non-turbulent flow-through system maximises separation
- Smaller footprint and depth than API separators
- Precast concrete structure ensures durability

CUSTOMER SUPPORT

INSTALLATION

Stormwater360 products are some of the easiest to install in the industry. We provide comprehensive installation details and instructions, as well as full technical support on every project.

MAINTENANCE

Maintenance of Stormwater360 products is cost effective, straightforward and efficient. We offer a complete range of services that can be tailored to your specific site needs.

SUPPORT

- Drawings and specifications are available upon request
- Site-specific design support is available from our engineers.

AVAILABLE MODELS

Use this table to identify the appropriate configuration for your site. Our engineers are available to assist you with your project.

VortClarex	Dimensions	Treatment Flow	Recommended Pipe Size Inlet/Outlet
	m	L/s	mm
VCL30	1.8 x 0.9	6.9	150
VCL40	2.4 x 1.2	9.6	150
VCL60-1	3.7 x 1.8	14.2	200
VCL60-2	3.7 x 1.8	27.7	250
VCL80-1	4.9 x 2.4	18.9	300
VCL80-2	4.9 x 2.4	39.1	300
VCL80-3	4.6 x 2.4	55.5	300

Freephone: 0800 STORMWATER (0800 786769)
www.stormwater360.co.nz



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