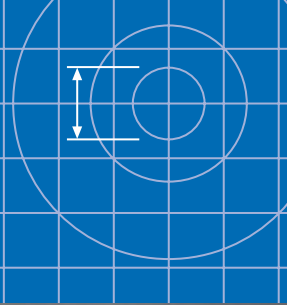


Oil and Grit Interceptor protecting our streams



For separation of oil and grit from Stormwater and wash down areas

Humes concrete oil and grit separation devices are applicable for stormwater runoff from areas where hydrocarbon products are present or where small spills routinely fall on paved surfaces exposed to rain.

The primary objective of the oil separators is to treat most of the flow from the catchment and to remove free floating oil. Oil and grit separators are designed to collect coarse sediment. However, to treat total suspended solids effectively in stormwater runoff, other devices such as sand filters should be used.

Oils separators are not usually applicable for general urban runoff, because by the time oil reaches the device it is emulsified or coats sediment in the runoff and is difficult to separate.

Treatment should be as close to the source of the hydrocarbon products as possible to retain the oil in a floatable, non-emulsified form.

Separators should not be used for large spill containment. An API Interceptor is a suitable solution for spill containment.

Features

- Multi chambered separation for oil and sediment
- Design load from 0.85HN on small unit
- Design load to HNH072 on larger units
- Swift lift anchors cast into product
- Product can be customised to suit application

Optional Features

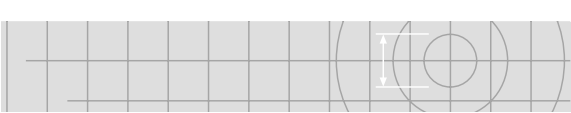
- T junction fittings
- Non-rock cast iron lid and frame
- Cast iron frame and grate
- No gap between bottom of baffle and base of unit

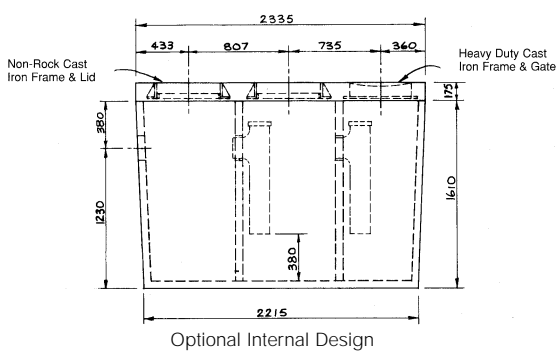
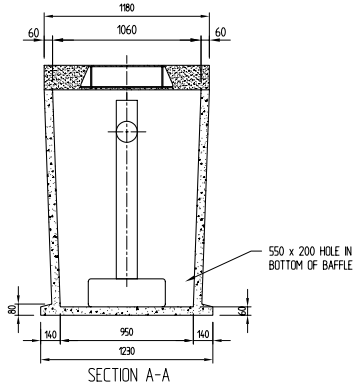
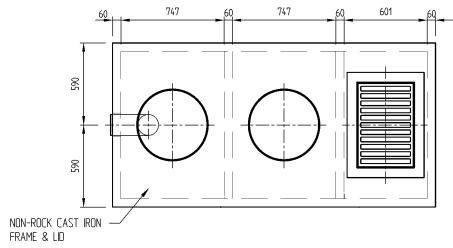
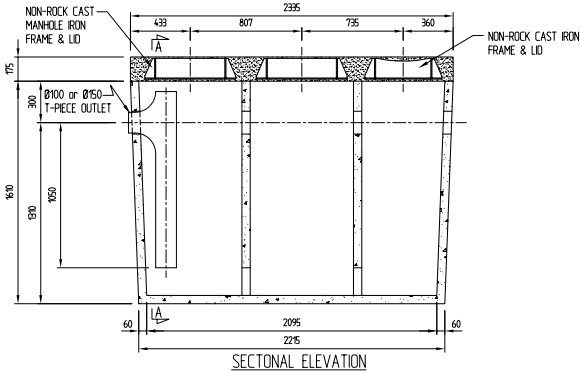
Benefits

- Customised product to suit specific applications
- Efficient separation of contaminants
- Use in trafficable areas
- Easy handling

Applications

- Wash down areas
- Carparks
- Terminals and Depots





Installation

Humes Oil and Grit Interceptors are supplied complete, ready to be placed in the prepared excavation and connected to the drainage system.

Maintenance

As each application and its site runoff contamination is different, frequency of cleaning can only be determined once normal use has taken place. The MFE suggest that oils and grit interceptors "should be inspected monthly (or as appropriate, based on experience) and cleaned" as required. Disposal of pollutants need to be in accordance to Local Authority regulations.

Manufacturing Standards

Precast Manufacture is to NZS 3109:1997 with surface finishes to NZS 3114:1987, F4 and U2 for formed and trowelled respectively.

For further details please contact your local Humes Sales Representative.



Basic model sizes and dimensions

Item number	Capacity	Weight of body	Weight of lid	Nominal Length	Nominal Width	Nominal Height
04655	2700	2296	934	2335	1180	1785

Humes can produce larger Oil and Grit Interceptor units with the following capacities upon request: 4500ltr, 5250ltr and larger.

Disclaimer: "Buyers and users must make their own assessment of our products under their own conditions for their own use. All queries regarding product suitability or purpose or installation should be directed to the nearest Humes office for advice and assistance". Availability of product may differ slightly from that available in your area. © Copyright Humes Pipeline Systems 2004

