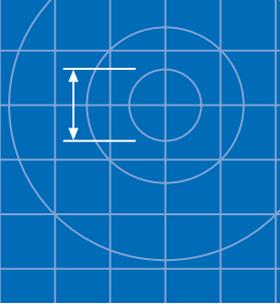


Oil and Grit Interceptor protecting our streams



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

Humes concrete Oil and Grit Interceptors are applicable for low volume stormwater runoff from small areas (<100m²) where hydrocarbon products are present or where small spills routinely fall on paved surfaces exposed to rain or wash down.

The primary objective of Oil and Grit Interceptors is to treat most of the flow from the catchment and to remove free floating oil. Oil and Grit Interceptors are also designed to collect coarse sediment. However, to treat total suspended solids effectively in stormwater runoff, other devices such as Humeceptor or Humes Sand Filters should be used.

Oil and Grit Interceptors 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.

Oil and Grit Interceptors should not be used for large spill containments. API Interceptor or Humeceptor are suitable solutions for capturing an accidental spill of 2500 litres and above.

Features

- Multi-chambered separation for oil and sediment
- Design load 0.85HN
- 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

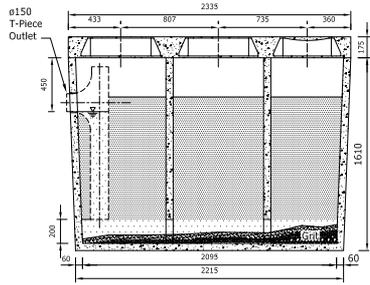
Benefits

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

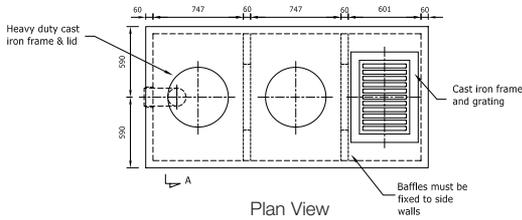
Applications

- Vehicle wash down areas
- Small carparks
- Terminals and depots

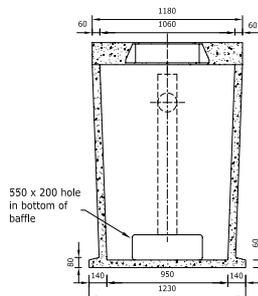




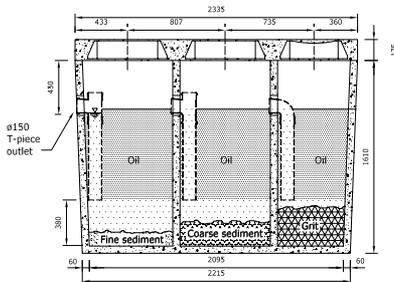
Sectional Elevation
Primary Oil Interceptor (2000 litre)



Plan View



Cross Sectional View A-A



Optional Internal Design
Primary Grit Interceptor (1500 litre)

Installation

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

Maintenance and operation

As each application and its site runoff contamination is different, frequency of cleaning can only be determined once normal use has taken place. As a guideline, the Ministry for the Environment suggest that "oil and grit interceptors should be inspected monthly (or as appropriate, based on experience) and cleaned as required." Disposal of pollutants should be in accordance with 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.



Standard model sizes and dimensions

Item number	Description	Capacity (litres)	Oil Storage (litres)	Weight of unit	Nominal length (mm)	Nominal width (mm)	Nominal height (mm)
Oil & Grit Body							
4759	1500 L Body	2495	1500	3275	2335	1180	1610
4761	2000 L Body	2495	2000	3275	2335	1180	1610
Lid, Frames & Grates							
4710	Lid C/W Cast Iron		NA	1130	2335	1180	175
4668	Lid C/W 3 x holes		NA	940	2335	1180	175

Notes

1. Other design options available on request.
2. Capacity is defined as the volume of fluid below outlet pipe invert.

Buyers and users of the products described in this brochure must make their own assessment of the suitability and appropriateness of the products for their particular use and the conditions in which they will be used. All queries regarding product suitability, purpose or installation should be directed to the nearest Humes Sales Centre for service and assistance. © Fletcher Concrete and Infrastructure Limited 2008. Printed 04/08.

