

The compact Grease Muncher GM700 reduces installation and maintenance costs compared with traditional large concrete arrestors. The option for above-ground mounting allows for flexibility and portability of installation and relocation.

The Global Water Grease Muncher GM700 combines a conventional underflow grease arrestor design with a special biofilter which dramatically reduces the grease content of the discharge through microbiological activity.



The GM700 is a lightweight compact grease arrestor ideally suited to smaller or temporary installations such as leased premises. It has undergone extensive field trials in Australia and is suitable for flow rates up to 1000 L/hr.

Grease Muncher GM700 units are manufactured from a combination of polyethylene and thermal plastics for long life, durability and maximum corrosion resistance. A polyethylene chamber greatly simplifies the cleaning process and reduces smells as fats and grease will not adhere to polyethylene.

Suitable for either below ground or above ground free-standing installation, the GM700's light weight and compact design make it ideal for tenancies where retrofitting or relocation at a later date may be required.

Features

- lightweight
- easy to install
- biological filter removes solids down to 2 mm
- compact design
- easily removed or relocated
- above or below ground installation
- impact resistant
- suitable for outdoor use
- reduces biological oxygen demand (BOD) loadings

Applications

- cafés and bars
- small restaurants
- canteens
- club kitchens
- fast food restaurants

Performance specification

Tests have shown a reduction in grease and total suspended solids of 50-90% and BOD reduction of up to 45%. Final wastewater quality is dependent on the influent quality and flow rate.

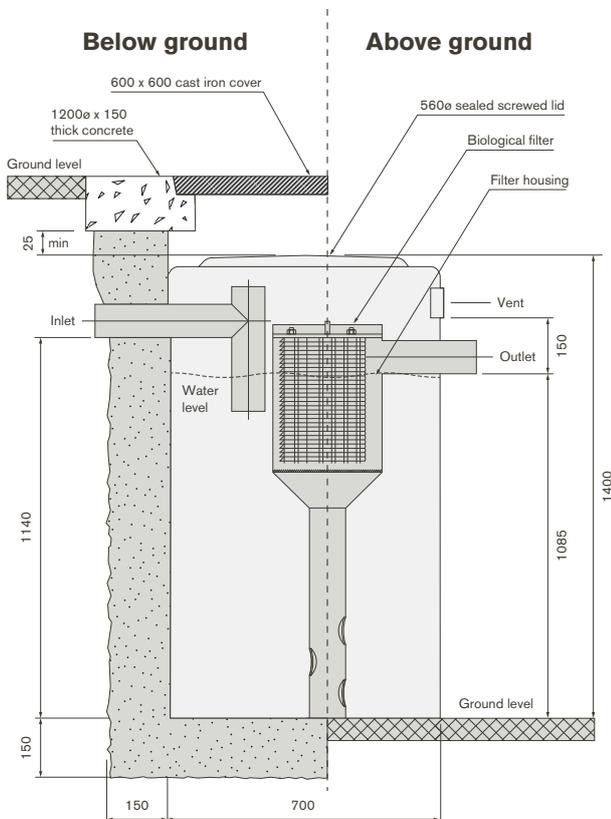
Installation

The compact size and gas tight design enables the unit to be installed in a store room or plant room. The UV stabilised chamber is suitable for outdoor or even roof-top installation. The Grease Muncher GM700 can also be installed below ground. Light or heavy service concrete cover slabs fitted with gas-tight cast iron covers are available.

Specification drawing

Dimensional/Typical installation detail

All fittings 100 mm PVC. All measurements in mm and are approximate due to variable manufacturing tolerances



Maintenance

The GM700 must be cleaned periodically by a liquid waste contractor to wash the filter element and remove sludge and fat build-up. Frequency depends on type and quantity of waste.

Options available

- concrete cover slab with cast iron gas-tight cover
- remote pump-out line provision
- air admittance valve
- pumping chamber where gravity drainage is not possible



