

GREASE MUNCHER MODEL 700

ADVANCED FEATURES

- > Lightweight
- > Easy to install
- > Biological filter removes solids down to 2mm
- > Compact design
- > Easily removed or relocated
- > Above or below ground installation
- > Impact resistant
- > Suitable for outdoor use
- > Reduces BOD loadings



THE NEW CONCEPT GREASE ARRESTOR WHICH REDUCES MAINTENANCE AND SAVES COST.

The EnviroLift Grease Muncher combines the conventional underflow grease arrestor design with a special Biofilter which dramatically reduces the grease content of the discharge through microbiological activity.

Designed in the United States, the Biofilter has undergone extensive field trials in Australia and has been widely accepted by Australian Water Authorities.

APPLICATIONS

The Grease Muncher is a lightweight compact grease arrestor ideally suited for installation in both existing and new developments, particularly where conventional concrete grease arrestors are not practical or desirable. They can also be used for temporary installations or where relocation at a later date may be required.

MATERIALS OF CONSTRUCTION

Units are manufactured from a combination of polyethylene and thermal plastics for long life and maximum corrosion resistance. The polyethylene tank greatly simplifies cleaning and reduces smells, as fat and grease will not adhere to this material.

IDEAL FOR...

- > Small Restaurants and Bistros
- > Ice-cream Parlours
- > Cafes and Sandwich Bars
- > Take-Away Outlets
- > Bakeries

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HYDRAULIC LOADING

The Biofilter is capable of a maximum daily flow of 13,250 litres and an instantaneous peak flow of 28 litres per minute. The filter has been approved by Sydney Water Authority for 8121 litres per day 69 seat restaurant usage.

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 dependant on the effluent quality and flow rate.

INSTALLATION

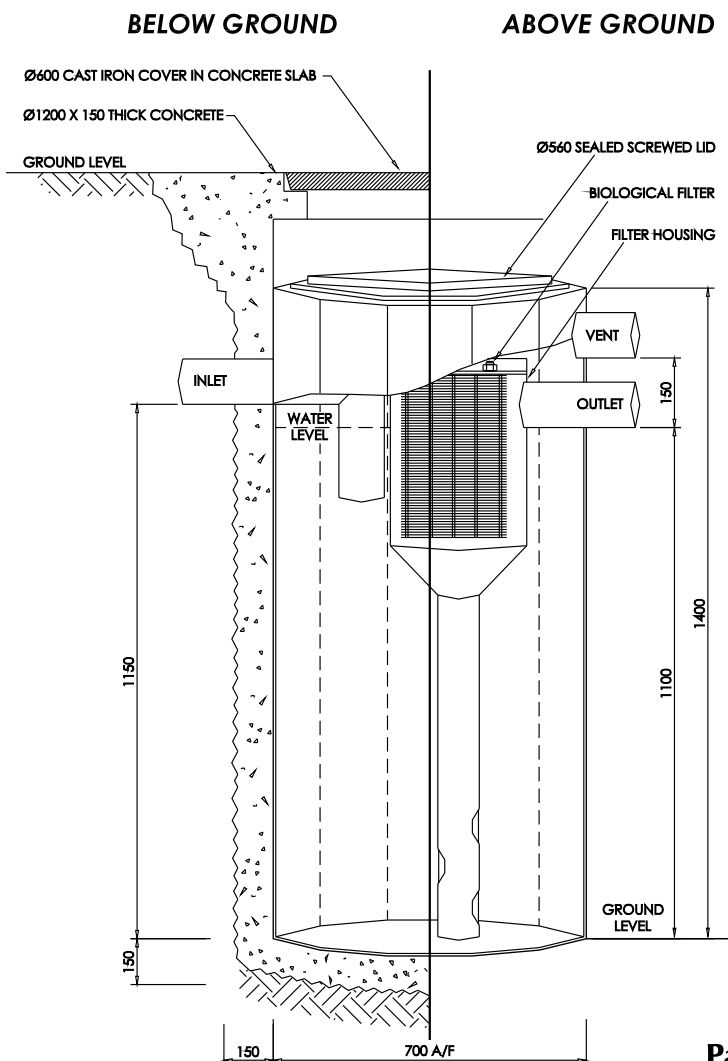
The compact size and gas-tight design enables the unit to be installed in a store room or plant room. The UV stabilised tank is suitable for outdoor or even roof-top installation. The Grease Muncher can also be installed below ground with light or heavy service concrete cover slabs fitted. Gas-tight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

MAINTENANCE

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

MODEL 700 SPECIFICATION DETAIL DRAWING

All fittings 100mm PVC. Note: All dimensions in mm and are approximate due to variable manufacturing tolerances.



OPTIONS AVAILABLE

- > Concrete cover slab with cast iron gas-tight cover
- > Remote pump-out line provision
- > Air admittance valve
- > Other sizes available on request
- > Pumping chamber where gravity drainage is not possible