



## ALLIED GREASE MUNCHER MODEL 800

The patented ALLIED 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.

### Ideal for:

- Small Restaurants & Bistros
- Icecream Parlours
- Cafés and Sandwich Bars
- Take-Away Outlets
- Bakeries

### Materials of Construction

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

### 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*
- *Reduce BOD loadings*





### Applications

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 influent quality and flow rate.

### Installation

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

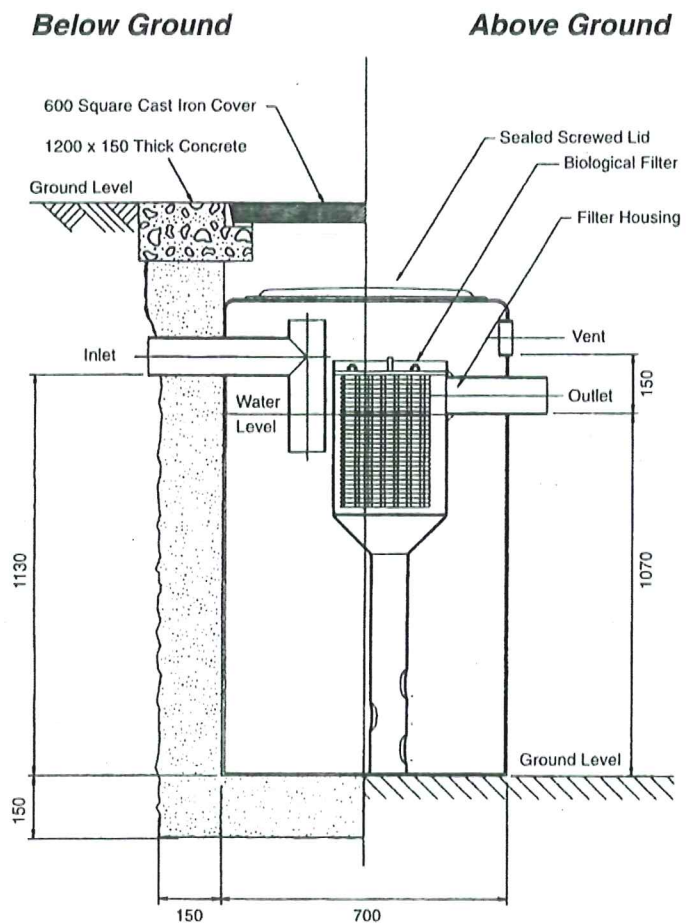
### Maintenance

The Grease Muncher must be cleaned periodically by a liquid waste contractor to remove sludge and fat buildup and wash filer element. Frequency depends on type and quality of waste.

### 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

### Dimensional/Typical Installation Detail



Concrete backfill for inground installation  
(Refer to ALLIED PUMPS for heavy service applications)

**Note:** All dimensions in mm and subject to change without notice. Dimensions should not be used for pipe setup purposes.

