

# Approval certificate

## Trade waste pre-treatment product



**Applicant:** Allied Pumps Pty Ltd  
**Postal address:** 2 Modal Crescent, Canning Vale, WA, 6155

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**Manufacturer:** Allied Pumps Pty Ltd  
**Address:** 2 Modal Crescent, Canning Vale, WA, 6155

### Product description

The Grease Muncher is a lightweight compact grease arrestor combining the conventional underflow grease arrestor design with a plate filter that physically reduces the organic content of the discharge.

The Grease Muncher is a lightweight compact grease arrestor 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.

The Grease Muncher is manufactured from a combination of polyethylene and thermal plastics. The maximum daily flow rate is 13,259 litres with an instantaneous flow of 28 L/min.

The Grease Muncher must be cleaned periodically by a liquid waste contractor to remove sludge and fat build up and to wash the plate filter.

The approval certificate applies to the pre-treatment devices of the following size:

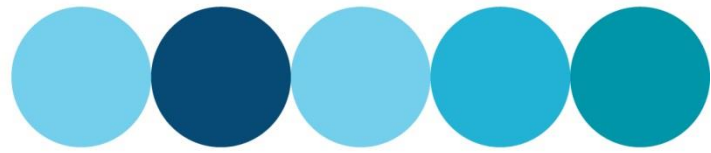
Approval Number	Model	Effective Capacity (L)	Material of Construction	Placement	Dimensions (mm)			Inlet / Outlet Diameter (mm)	Inlet Height <sup>1</sup> (mm)	Outlet Height <sup>1</sup> (mm)
					L	W	H			
AN-001-01	Allied Grease Muncher 800 with Zabel A300 filter	410	Polyethylene and thermoplastics	Above or Below Ground	700	700	1375	100 / 100	1130	1070

<sup>1</sup>Invert level

### Special conditions of approval

1. The product can only be used in small food type outlets with a **MAXIMUM** fixture unit capacity rating of 4 plumbing fixture units (e.g. 1 x kitchen sink (rated as 3 FU's) and 1 x hand wash basin (rated as 1 FU)).
2. The product **MUST NOT** be used as a shared grease arrestor.
3. The filter unit must be in place at all times as per manufacturer's instructions.
4. The product shall be *supplied* with manufacturer's installation instructions and recommended procedures for operation and maintenance.
5. The product shall be *installed* and *maintained* strictly in accordance to the following Allied Pumps documentation:
  - a. Grease Muncher – Operation and Maintenance Manual (Version 3.0, Apr 2020)
6. This approval certificate is not a stand-alone document and **must be read** in conjunction with the following Water Corporation documents:
  - a. *Typical Drawings for Trade Waste – Grease Arrestor (HX33-10-00)*
  - b. *Grease Arrestor Installation Guidelines (PUB-23-B)*
7. A maintenance contract is to be in place to ensure the ongoing reliability of the product.
8. Water Corporation must be notified within fourteen (14) days upon installation of the product
9. The use of emulsifying agents upstream of the product must not occur. Such instructions must be noted on operating documentation.
10. The product chosen must be suitably sized to avoid surge conditions.
11. Clear access for the purposes of maintenance or servicing of the pre-treatment device must be maintained at all times.
12. This approval certificate is not an endorsement of the product by Water Corporation, and no claim shall be made in advertising, promotion or other manner to the effect.
13. Water Corporation accepts no responsibility for the effective operation, performance or efficiency of the product. This approval is not an engineering approval or structural endorsement.
14. The proponent of the approved product must formally seek a request for re-approval of the product no later than three (3) months before the assigned **Validity Period** has expired from the **Date Issued** of this approval certificate.

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### Special conditions of approval (continued)

15. Water Corporation reserves the right to vary any requirements at any time. Any application of this condition normally occurs after consultation with the manufacturer, supplier and end business user connected to Water Corporation's sewer.
16. Water Corporation shall be notified in writing if the pre-treatment device is withdrawn from sale.
17. The proponent of the approved product accepts that the information provided in this document shall be made publically available.

### General conditions of approval

Approval shall be **suspended** where any of the following conditions are not met:

1. If there is a breach of the Special Conditions.
2. The assigned **Validity Period** has expired from the **Date Issued** of this approval certificate.
3. The product shall be manufactured in accordance with Water Corporation's requirements at the time of approval.
4. The product shall be manufactured to comply according to the details noted in the drawings below, in addition to any further details provided by the proponent when seeking this approval.
5. The product supplied for use in Water Corporation's area of operations shall comply with the requirements shown on this approval certificate. Sizes, classes, lengths or other product variables which are available with the product but which are not approved as listed on this approval certificate shall not be offered by the supplier for use in Water Corporation's area of operations.
6. All discharges to sewer associated with this product must not exceed Water Corporation's *Trade Waste Acceptance Criteria*. Where the discharge *has* or is *likely* to exceed the *Trade Waste Acceptance Criteria* then the Corporation may direct a *specific* or *ongoing* maintenance requirement to be followed.
7. Prior to any business (which is connected to Water Corporation's sewer) installing this product the business must apply to Water Corporation for a *Trade Waste Permit* for approval to discharge.
8. If this certificate has been issued to the manufacturer of this product then it is the responsibility of the manufacturer to ensure all current and future suppliers / vendors of this product are provided a copy of this approval certificate.

Approval shall be **reviewed** where any of the following conditions occur:

1. The product is manufactured with either different materials, methods of manufacture, location of manufacture, source of raw materials, component subcontractors or models to that at the time of approval.
2. The ownership of the primary manufacturer or any subcontractors is varied from that at time of approval.
3. The standards and/or specifications to which the product was required to comply with at the time of approval have been amended or revised. It is the responsibility of the proponent to immediately advise Water Corporation of any changes to the proponent's drawings and installation, operation and maintenance manuals made at the time of approval.
4. The product has been found to sustain damage or provide unsatisfactory performance on occasions of number considered excessive by Water Corporation, when handled, stored, assembled or installed in accordance with the supplier's or manufacturer's written instructions.

**Approved drawing(s):** Above Ground Installation (STD-M-GM800-AG-01, Rev A, dated 14 Jan 2020)  
Below Ground Installation (STD-M-GM800-BG-01, Rev A, dated 14 Jan 2020)

**Authorising person:** Stephen Jerkovic Team Leader - Investigations

**Date issued** 14 May 2020

**Validity period:** Five (5) years