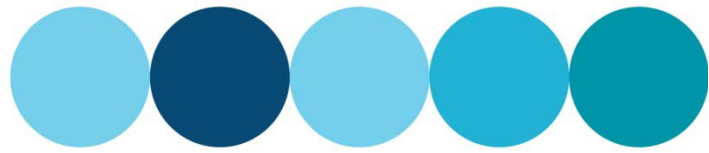


Approval certificate

Trade waste pre-treatment product



Applicant: Eclipse Environmental Australia Pty Ltd
Postal address: 73 Victoria Street, Smithfield NSW 2164

Attention: Andrew Borg
Web: www.eclipseaustralia.com.au
Email: andrew@eclipseaustralia.com.au

Manufacturer: Eclipse Environmental Australia Pty Ltd
Address: 73 Victoria Street, Smithfield NSW 2164

Product/device description

The Delta range of passive grease arrestors are designed to remove grease and solid matter suitable for commercial and food preparation areas.

The Delta range are a lightweight compact grease arrestor combining the conventional underflow grease arrestor design with a rod type cartridge filter that physically reduces the organic content of the discharge. Sink strainers must always be in place as failure of the arrestors may occur.

The device body is manufactured from fibreglass reinforced plastic with a polypropylene gas tight lid.

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

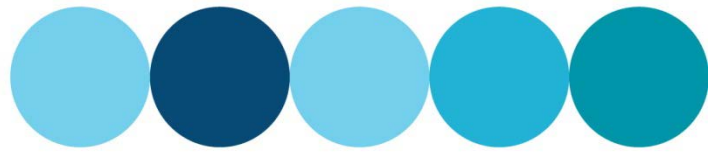
Approval Number	Model	Capacity (L)	Maximum Daily Volume (L)	Placement	Dimensions (mm)			Inlet / Outlet Diameter (mm)	Inlet Height* (mm)	Outlet Height* (mm)
					L	W	D			
AN-010-01	Delta 1	500	2000	Above and Below Ground	900	600	1200	100 / 100	1000	475
AN-010-02	Delta 2	700	3000	Above and Below Ground	1200	600	1200	100 / 100	950	475

* Final invert level is actually 50 mm.

Special conditions of approval

1. The product shall be *supplied* with manufacturer's installation instructions and recommended procedures for operation and maintenance.
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. Only upon obtaining permission from the local health inspector can the Delta range be installed within a food preparation area without the usual vented closure.
5. Above ground installations must have suitable bollards installed to prevent accidental exterior damage.
6. Sink strainers and dry basket arrestors (where applicable) must be in place otherwise failure of the product can result.
7. The product shall be *installed* and *maintained* strictly in accordance to the following Eclipse documentation:
 - a. Delta Grease Arrestor Product Manual (revision 2.3, published 9 January 2018).
8. 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 \(PUB-23-B\)](#)
9. A maintenance contract is to be in place to ensure the ongoing reliability of the product.
10. The pump-out frequency will be determined by Water Corporation and must be adhered to.
11. Water Corporation must be notified within fourteen (14) days upon installation of the product.
12. The use of emulsifying agents upstream of the product must not occur. Such instructions must be noted on operating documentation.
13. The product chosen must be suitably sized to avoid surge conditions.
14. Clear access for the purposes of maintenance or servicing of the pre-treatment device must be maintained at all times.
15. 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.
16. 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.
17. 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.

Approval certificate



Trade waste pre-treatment product

Special conditions of approval (continued)

18. 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.
19. Water Corporation shall be notified in writing if the pre-treatment device is withdrawn from sale.
20. 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 drawings on pages 13, 14, 16 and 17 of Delta Grease Arrestor Product Manual (Eclipse Environmental Australia Pty Ltd, revision 2.3, published 09 January 2018), 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*.
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.
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):	As per drawings on pages 13, 14, 16 and 17 of Delta Grease Arrestor Product Manual (Eclipse Environmental Australia Pty Ltd, revision 2.3, published 09 January 2018).
Authorising person:	Stephen Jerkovic (Team Leader – Investigations)
Date issued	10 January 2018
Validity period:	Five (5) years