

Approval certificate

Trade waste pre-treatment product



Applicant: EBOS Group Australia
Postal address: Unit 2, 109 Vanessa Street, Kingsgrove,
NSW, 2208

Attention: Steven Howell
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Manufacturer: Vernacare
Address: Folds Road, Bolton UK BL12TX

Product description

The *following* Vernacare macerators (as supplied by EBOS Healthcare) are solely for the use of macerating *pulp based* products.

The Water Corporation DOES NOT allow for maceration of pads, nappies, string, non-flushable wipes, plastic or metal items into the sewer system.

Use of flushable wipes with these products must comply to AS/NZS 5328 Flushable Products.

The approval certificate applies to the product tabulated below:

Approval Number	Model	Description	Max Loading Capacity	Water Consumption	Cycle Time	Material of Construction
AN-039-01	Vortex ¹	Bedpan macerator	4 pulp products	25 L/cycle	120 seconds	Stainless steel
AN-039-02	Vortex +	Bedpan macerator	4 pulp products	25 L/cycle	120 seconds	Stainless steel
AN-039-03	Compact	Bedpan macerator	4 pulp products	12 L/cycle	180 seconds	Stainless steel
AN-039-04	Compact +	Bedpan macerator	4 pulp products	18 L/cycle	180 seconds	Stainless steel

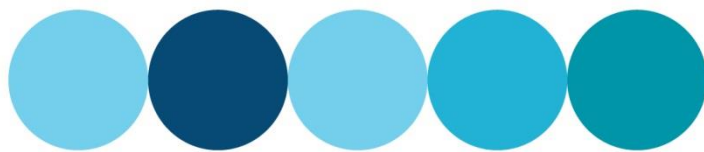
1: The Vortex model is no longer a marketable product but installed Vortex products (AN-039-01) must still comply with this approval.

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 shall be *installed* strictly in accordance with the manufacturer's written instructions and performed by a licensed plumber.
3. A *maintenance* contract is to be in place to ensure the ongoing reliability of the product.
4. Water Corporation must be notified within fourteen (14) days upon installation of the product.
5. Clear access for the purposes of maintenance or servicing of the product must be maintained at all times.
6. 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.
7. Water Corporation accepts no responsibility for the effective operation, performance or efficiency of the product.
8. 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.
9. 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.
10. Water Corporation shall be notified in writing if the product is withdrawn from sale.
11. The proponent of the approved product accepts that the information provided in this document shall be made publicly available.

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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 documents referenced 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):

Vernacare Vortex Technical Manual (Issue No: 3, version 1.4)

Vernacare Vortex + Technical Manual (Version 2021)

Vernacare Vortex + Specifications Manual (Edition date 17 June 2022)

Vernacare Compact Technical Manual (Revision 4, Issued 02.03.2020)

Vernacare Compact Specifications Manual (Edition date 17 June 2022)

Vernacare Compact + Technical Manual (Revision 0, Issued 04.2019)

Vernacare Compact + Specifications Manual (Edition date 17 June 2022)

Authorising person:

Stephen Jerkovic (Prgm Mgr - C&IS (acting))

Date issued

12 Jul 2022

Validity period:

Two (2) years