

Approval certificate

Trade waste pre-treatment product

Applicant: SPS Drains
Postal address: PO Box 195 Roseville NSW 2069
Manufacturer: SPS Drains
Address: PO Box 195 Roseville NSW 2069

Attention: Tony Chapman
Web: www.spsdrains.com.au
Email: info@spsdrains.com.au

Product description

The SPS basket trap floor waste arrestors are intended to be fitted to commercial or industrial drains to capture and retain solid waste that would normally finish in the sewerage system.

Solid waste is captured in a perforated basket contained within the main body of the arrestor device. Retained solids are then removed to waste. A fixed perforated screen to the bottom of the main body prevents any solid waste entering the sewer if the basket is accidentally or deliberately left out of the arrestor device. All models are in-floor applications.

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

Approval Number	Model	Size (mm)	Grate Assembly Size (mm)		Flow Rate ¹	Grate Assembly	Lower Body		Fixed Screen				Removable Basket				
			□	○			McC ²	OS ³	McC ²	HS ⁴	NoH ⁵	OWA ⁶	McC ²	HS ⁴	NoH ⁵	OWA ⁶	BV ⁷
AN-028-01	Compact	100	-	112	57	304-SS ⁸	n/a	100	SS	4	122	1533	304-SS	3	1760	12441	750
AN-028-02	Push-In	130	-	130	96	304-SS ⁸	n/a	100	304-SS ⁸	4	108	1357	304-SS ⁸	3	1750	12370	750
AN-028-03		150	-	150	132	316-SS ⁸	n/a	100	304-SS ⁸	4	108	1357	304-SS ⁸	3	1750	12370	750
AN-028-04		150	150	-	192	316-SS ⁸	n/a	100	304-SS ⁸	4	108	1357	304-SS ⁸	3	1750	12370	750
AN-028-05	Push-In Vinyl Floor	100	-	135	114	304 or 316-SS ⁸	n/a	100	304-SS ⁸	4	108	1357	304-SS ⁸	3	1750	12370	750
AN-028-06	Height Adjustable - Shallow	150	-	150	132	316-SS ⁸	CI ⁹ or 316-SS ⁸	100	304-SS ⁸	4	118	1483	304-SS ⁸	3	1750	12370	750
AN-028-07		225	-	225	252	316-SS ⁸	CI ⁹ or 316-SS ⁸	100	304-SS ⁸	4	118	1483	304-SS ⁸	3	1750	12370	750
AN-028-08		150	150	-	192	NB ¹⁰ or B ¹¹ or 316-SS ⁸	CI ⁹ or 316-SS ⁸	100	304-SS ⁸	4	118	1483	304-SS ⁸	3	1750	12370	750
AN-028-09		200	200	-	246	316-SS ⁸	CI ⁹ or 316-SS ⁸	100	304-SS ⁸	4	118	1483	304-SS ⁸	3	1750	12370	750
AN-028-10	Height Adjustable – Shallow Vinyl Floor	155	-	155	120	Cr-B ¹² or NB ¹⁰ or 316-SS ⁸	CI ⁹ or 316-SS ⁸	100	304-SS ⁸	4	118	1483	304-SS ⁸	3	1750	12370	750
AN-028-11	Height Adjustable - Deep	225	-	225	252	316-SS ⁸	CI ⁹ or 316-SS ⁸	100	304-SS ⁸	4	256	3217	304-SS ⁸	3	3308	23383	2,000
AN-028-12		300	-	300	282	GDI ¹³ or 316-SS ⁸	CI ⁹ or 316-SS ⁸	100	304-SS ⁸	4	256	3217	304-SS ⁸	3	3308	23383	2,000
AN-028-13		200	200	-	246	316-SS ⁸	CI ⁹ or 316-SS ⁸	100	304-SS ⁸	4	256	3217	304-SS ⁸	3	3308	23383	2,000
AN-028-14		225	225	-	276	AB2 ¹⁴ or 316-SS ⁸	CI ⁹ or 316-SS ⁸	100	304-SS ⁸	4	256	3217	304-SS ⁸	3	3308	23383	2,000
AN-028-15		300	300	-	294	304 or 316-SS ⁸	CI ⁹ or 316-SS ⁸	100	304-SS ⁸	4	256	3217	304-SS ⁸	3	3308	23383	2,000
AN-028-16	Height Adjustable – Deep Vinyl Floor	220	-	220	234	304 or 316-SS ⁸	CI ⁹ or 316-SS ⁸	100	304-SS ⁸	4	256	3217	304-SS ⁸	3	3308	23383	2,000
AN-028-17	Smart Secondary Strainer	150	150	-	192	316-SS ⁸	n/a	100	FSS ¹⁵	1.5	N/A	N/A	304-SS ⁸	3	1664	11762	600

KEY - 1: FR = Flow Rate (L/min) 2: MoC = Material of Construction 3: OS = Outlet Size (mm) 4: HS = Hole Size (mm). Holes are round.
5: NoH = Number of Holes 6: OWA = Open Waterway Area (mm²) 7: BV = Basket Volume (cm³) 8: SS = Stainless Steel
9: CI = Cast iron 10: NB = Nickel Bronze 11: B = Bronze 12: Cr-B = Chrome plated Bronze
13: GDI = Galvanised ductile iron 14: AB2 = Aluminium bronze 15: FSS = Ferritic stainless steel

Approval certificate

Trade waste pre-treatment product

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* by a licensed plumber according to the *Plumbing Standards* and *serviced* strictly in accordance with the manufacturer's written instructions.
3. 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 –Floor Strainer Unit (HX33-11-40)*
4. The product shall be *maintained* to ensure the ongoing reliability of the product and that discharges to sewer comply with Water Corporation's *Acceptance Criteria for Trade Waste*.
5. The product chosen must be suitably sized to avoid surge conditions.
6. Water Corporation must be notified within fourteen (14) days upon installation of the product.
7. Clear access for the purposes of maintenance or servicing of the pre-treatment device must be maintained at all times.
8. 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.
9. 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.
10. 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.
11. 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.
12. Water Corporation shall be notified in writing if the pre-treatment device is withdrawn from sale.
13. The proponent of the approved product accepts that the information provided in this document shall be made publicly 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 ***SPS Product Manual – Basket Trap Floor Wastes (v7.2, Nov 2010)***, 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 certificate

Trade waste pre-treatment product

General conditions of approval (continued)

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 a number of occasions 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):	Refer to drawings within SPS Product Manual – Basket Waste Floor Traps (v7.2, Nov 2010).
Authorising person:	Stephen Jerkovic (Specialist – Compliance Operations)
Date issued	12 November 2024
Validity period:	Five (5) years