



25 mm In-Line Filter Holder, Stainless Steel



- Filter remains undisturbed for particulate analysis.
- Stainless steel construction offers excellent chemical resistance.
- Light weight and easy to use.

Ordering Information

Prod. No.	Description	Packaging
1209	25 mm In-line filter holder	1/pkg

Specifications

Materials of Construction

Cap and Base, Support Screen, and Underdrain Disc: Type 316 stainless steel

Collar: Type 303 stainless steel

Hose Barb Adapters: Nylon

O-ring: Viton*

Effective Filtration Area

3.7 cm²

Dimensions

Overall Length: 4.0 cm (1.6 in.) excluding hose barb

Diameter: 3.7 cm (1.5 in.)

Inlet/Outlet Connections

1/8 in. MNPT x 1/4 in. hose barb adapters accept 6.4 mm (1/4 in.) ID tubing

Maximum Operating Temperature

Limited by membrane filter type or O-ring 204 °C (399 °F)

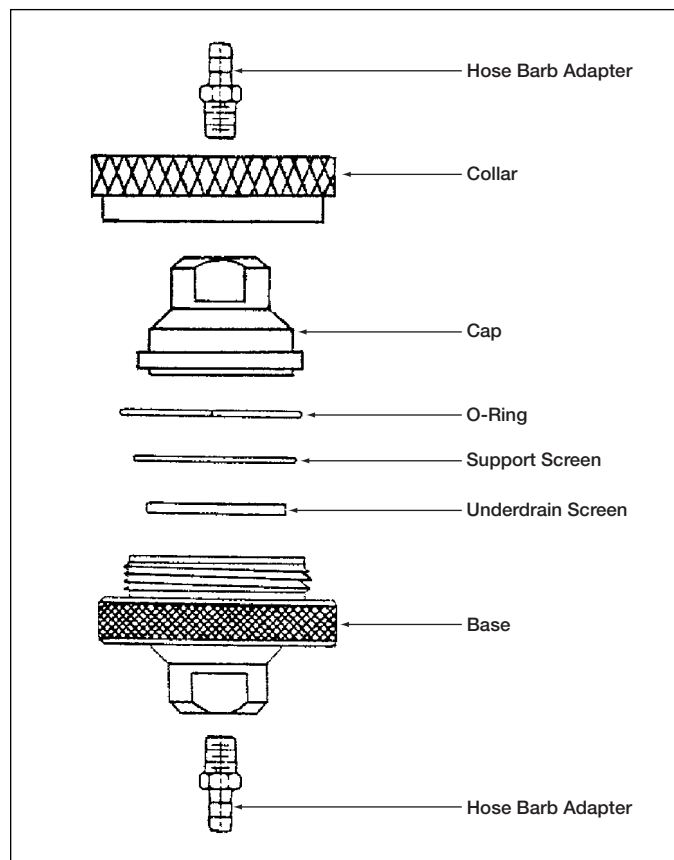
Maximum Operating Pressure

14 bar (1400 kPa, 200 psi)

Sterilization

Provided non-sterile; autoclavable if desired at 121 - 123 °C (250 - 253 °F) at approximately 1.0 bar (100 kPa, 15 psi) for 15 to 20 minutes.

Instructions for Use



1. Up-down orientation of the perforated-textured underdrain screen is critical, particularly in those applications where the filter holder is subjected to high differential pressures.
2. To distinguish the two sides of the underdrain screen, study it and note that the diamond texturing differs from one side to the other.
3. Place the screen in the holder so the edges of the diamonds are up and support the thin photo-etched screen.
4. Failure to maintain correct orientation of the underdrain screen may result in permanent distortion of the relatively fragile photo-etched screen that supports the membrane filter.

Cleaning/Autoclaving Instructions

Do not use hydrochloric acid with any stainless steel apparatus.

1. To clean the filter holder, disassemble the unit into component parts and clean with a non-abrasive cleanser.
2. Rinse thoroughly with deionized water.
3. Allow to air dry.
4. If autoclaving is required, reassemble the unit loosely with or without the membrane filter in place.
5. Wrap the assembled filter holder in autoclave paper.
6. Autoclave at a maximum of 121 - 123 °C (250 - 253 °F) at approximately 1.0 bar (100 kPa, 15 psi) for 15 - 20 minutes. The maximum autoclave temperature may be limited by the membrane type. Please refer to the membrane specifications for complete information.
7. Avoid using steam containing amines. It may cause the membrane filter to become brittle and/or contaminate the product or solution being filtered.



Replacement Parts

Prod. No.	Description	Packaging
79791	Support screen, type 316 stainless steel	1/pkg
79792	Underdrain disc, type 316 stainless steel	1/pkg
73336	O-ring, Viton*, ARP No.-020	1/pkg
73179	Hose barb adapter, nylon 1/8 in. MNPT to 6.4 mm (1/4 in.) ID tubing	1/pkg
79760	Collar, type 303 stainless steel	1/pkg
79759	Base outlet, type 316L stainless steel	1/pkg
79761	Cap Inlet, type 316L stainless steel	1/pkg

WARNING

Employment of the products in applications not specified, or failure to follow all instructions contained in this product information insert, may result in improper functioning of the product, personal injury, or damage to property or the product. See Statement of Warranty in our most recent catalog.

ATTENTION

L'utilisation de nos produits dans des applications pour lesquelles ils ne sont pas spécifiés ou le non-respect du mode d'emploi qui figure sur ce document, peut entraîner un dysfonctionnement du produit, endommager le produit ou d'autres biens matériels ou représenter un risque pour l'utilisateur. Se référer à la clause de garantie de notre catalogue le plus récent.

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ATTENZIONE

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