

ДЕРЖАТЕЛИ 90мм ФИЛЬТРОВ



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Stainless Steel 90 mm Filter Holder

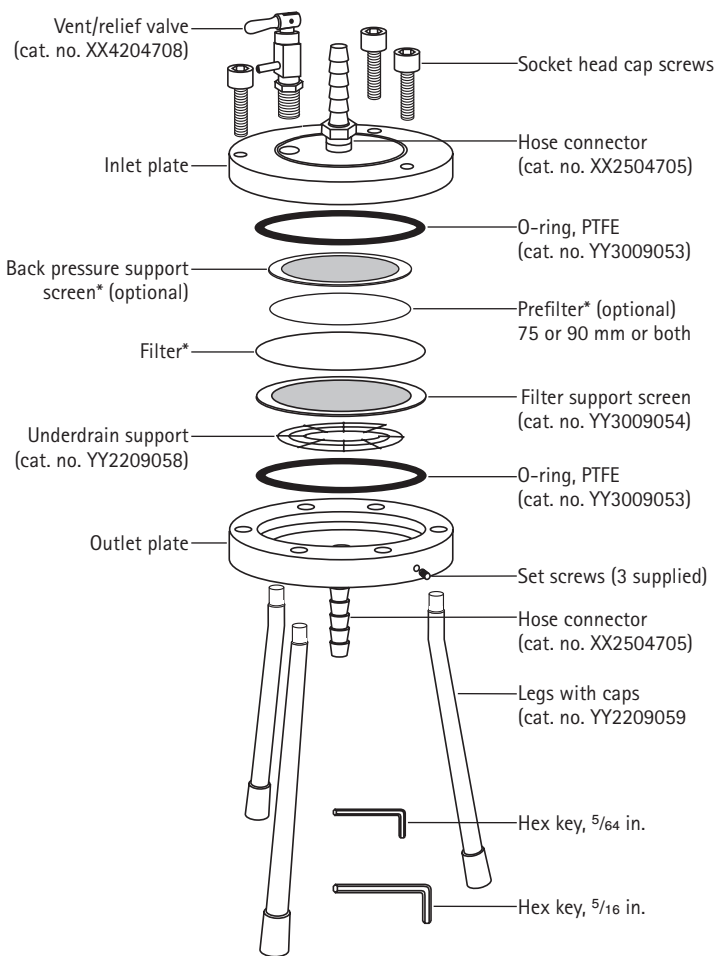
Cat. No. YY3009000

Introduction

The 90 millimeter (mm) Stainless Steel Filter Holder is designed to clarify/sterilize liquids or gases by pressure filtration through a 90 mm diameter filter. To increase throughput, a 90 mm prefilter or a 75 mm depth-type prefilter (or both) can be placed upstream of the final filter. Polytetrafluoroethylene (PTFE) sealing surfaces allow the filter holder to be autoclaved with the filter in place.

This user guide provides instructions on how to clean, assemble, load, and check the integrity of the filter system before use. For sterilizing filtration applications, the filter holder needs to be cleaned and autoclaved before use.

90 mm Stainless Steel Filter Holder Assembly Diagram



Specifications

Maximum pressure	Inlet: 19 bar (275 psi) with preset vent valve supplied Differential: 5.2 bar (75 psi)
Filter diameter	90 mm
Prefilter diameter	90 mm (membrane prefilter) or 75 mm (thick depth prefilter)
Effective filter area	Approximately 51.2 cm ² (7.9 in ²)
Connections	Inlet and outlet adapters: ¼ in. (8 mm) female national pipe thread (FNPT) to hose connector for ¾ in. (9.5 mm) ID tubing Upstream vent valve port: ⅛ in. (6 mm) FNPT
Dimensions	Diameter: Filter holder 12.1 cm (4.75 in.) Footprint: 18.3 cm (7.2 in.) Height: 23.6 cm (9.3 in.), including inlet connector
Weight	2.5 kg (5.5 lb)
Materials of construction	Inlet plate, outlet plate, hose connectors, underdrain support: 316 stainless steel Socket head cap screws: 410 stainless steel Support screen: PTFE-coated (one side) 316 stainless steel O-rings: PTFE Vent/relief valve: 316 stainless steel, fluoroelastomer Filter holder legs: anodized aluminum with vinyl caps

Statement Regarding Compliance with the Pressure Equipment Directive, 97/23/EC

EMD Millipore Corporation certifies that this product complies with the European Pressure Equipment Directive, 97/23/EC of 29 May 1997. This product is classified under Article 3 § 3 of the Pressure Equipment Directive. It has been designed and manufactured in accordance with sound engineering practices to ensure safe use. The product is accompanied by user instructions and bears markings to permit identification of EMD Millipore Corporation as the manufacturer or authorized representative of this product within the European Community. In compliance with Article 3 § 3 of the Pressure Equipment Directive, this product does not bear the CE mark.

Product Ordering Information

This section lists the catalogue numbers for the Stainless Steel 90 mm Filter Holder, replacement parts, and accessories.

Description	Cat. No.
Stainless Steel 90 mm Filter Holder	YY3009000
Replacement Parts	
Hose connector, 1/4 in. (8 mm) male NPT to 3/8 in. (9.5 mm) ID hose (1/pk)	XX2504705
Vent /relief valve, 19 bar (275 psi) (1/pk)	XX4204708
Filter support screen, PTFE-coated one side (1/pk)	YY3009054
Underdrain support (1/pk)	YY2209058
Legs with caps (3), set screws (3), 5/64 in. hex key (1)	YY2209059
O-ring, PTFE (4/pk)	YY3009053
Accessories	
Filter forceps, stainless steel, blunt end (3/pk)	XX6200006P
PVC tubing (not autoclavable), 3/8 in. (9.5 mm) ID x 5/8 in. (15.9 mm) OD, 3 m (10 ft), with 2 stainless steel clamps	XX6700034
Filter support screen, stainless steel, 90 mm (1/pk)	YY2209064
Back pressure support screen, stainless steel, 76 mm (1/pk)	YY4007664
Dispensing Pressure Vessel, (ASME code-complying, 5-liter capacity)	XX6700P05
Bubble Test Apparatus	XX6700L55
PTFE tape, 1.3 x 660 cm (0.5 x 260 in.) roll	TP0001326

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