

ДЕРЖАТЕЛИ 142мм ФИЛЬТРОВ



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Stainless Steel 142 mm Filter Holder

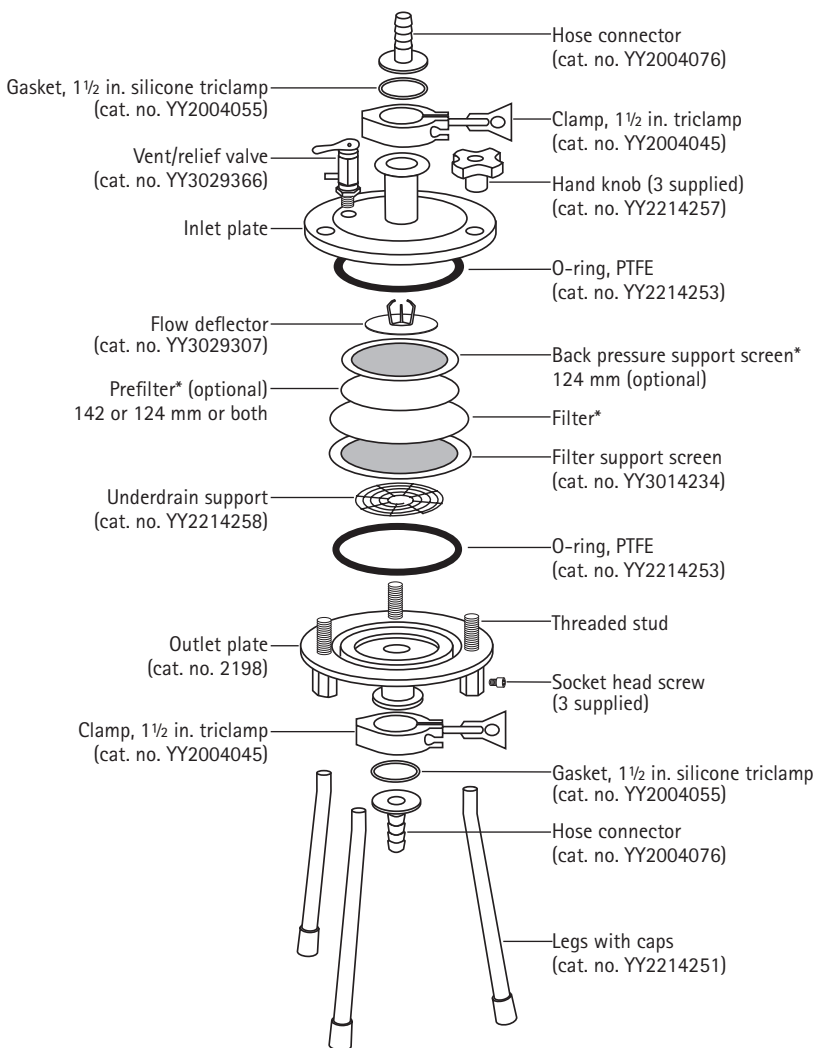
Cat. No. YY3014236

Introduction

The 142 millimeter (mm) Stainless Steel Filter Holder is designed to clarify/sterilize liquids or gases by pressure filtration through a 142 mm diameter filter. To increase throughput, a 142 mm prefilter or a 124 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.

142 mm Stainless Steel Filter Holder Assembly Diagram



Specifications

Maximum pressure	Inlet: 13.8 bar (200 psi) Differential: 6.9 bar (100 psi)
Filter diameter	142 mm
Prefilter diameter	142 mm (membrane prefilter) or 124 mm (thick depth prefilter)
Effective filter area	Approximately 135.2 cm ² (21 in ²)
Connections	Inlet and outlet adapters: 1½ in. triclamp to hose connector for ½ in. (12.7 mm) ID tubing Upstream vent valve port: ⅛ in. (6 mm) female national pipe thread
Dimensions	Diameter: Filter holder 18.4 cm (7.25 in.) Footprint: 25.2 cm (9.9 in.) Height: 33.3 cm (13.1 in.), including inlet connector
Weight	5.9 kg (12.9 lb)
Materials of construction	Inlet plate, outlet plate, flow deflector, threaded studs, bushings, hose connectors, underdrain support: 316 stainless steel Triclamp clamps: 304 stainless steel Triclamp gasket: silicone Hand knobs: Glass-filled polypropylene, brass 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 142 mm Filter Holder, replacement parts, and accessories.

Description	Cat. No.
Stainless Steel 142 mm Filter Holder	YY3014236
Replacement Parts	
Hose connector, 1 1/2 in. triclamp to 1/2 in. (12.7 mm) ID hose (1/pk)	YY2004076
Vent/relief valve, 8.6 bar (125 psi) (1/pk)	YY3029366
Hand knob (1/pk, 3 required)	YY2214257
Gasket, 1 1/2 in. silicone triclamp (10/pk, 2 required)	YY2004055
Clamp, 1 1/2 in. in. triclamp (4/pk, 2 required)	YY2004045
Filter support screen, PTFE-coated one side (1/pk)	YY3014234
Underdrain support (1/pk)	YY2214258
Flow deflector (1/pk)	YY3029307
Outlet plate (1/pk)	2198
Legs with caps (3), socket head screws (3), 3/16 in. hex key(1)	YY2214251
O-ring, PTFE (1/pk)	YY2214253
Accessories	
Filter forceps, stainless steel, blunt end (3/pk)	XX6200006P
PVC tubing (not autoclavable), 1/2 in. (12.7 mm) ID × 13/16 in. (20.6 mm) OD, 3.0 m (10 ft), with 2 stainless steel clamps	XX6700035
O-ring, silicone (4/pk)	YY2214265
Back pressure support screen, stainless steel, 124 mm (1/pk)	YY4012464
Dispensing Pressure Vessel, (ASME code-complying, 5-liter capacity)	XX6700P05
Bubble Test Apparatus	XX6700L55
PTFE tape, 1.3 × 660 cm (0.5 × 260 in.) roll	TP0001326



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