

XL234 MODULAR FILTER



FILTER SPECIALISTS, INC.

Innovative Solutions. Clear Results.



A New Choice in Polypropylene Filters for SIMPLICITY, SAFETY & SERVICE LIFE

You'll save time and money... improve filtration quality... and no tools required!

XL234 Modular Filter System makes change-outs faster and easier than ever with its unique twist-off lid. You can choose from a 7-cartridge system or our new patented **EZLoc** filter bag with a built-in polypropylene ring that makes filter bypass a thing of the past. Either choice offers long service life and can be changed in minutes without tools!

XL234 MODULAR FILTER

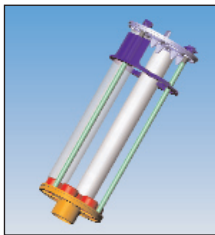
Getting a perfect fit is easy with FSI's new patented filter bag ring! Service operators can easily insert a bag by snapping the uniquely designed molded ring into the sealing groove and closing the vessel lid. Used bags are removed in one easy motion by flexing and lifting the ring from the sealing groove... no tools required.



*This may be the easiest
system we have ever designed!*

XL234 Modular Filter System features include:

- Sturdy vessel construction—glass-filled polypropylene with UV inhibitors make this vessel extremely durable and compatible with a broad range of chemicals.
- Quick-and-easy lid requires no tools for opening and closing.
- Highly corrosion and rust resistant.
- Modular filter design allows for a variety of inlet/outlet configurations (specified with order).
- Stands upright on molded legs for easy installation.
- Available with either 2" NPT or 3" flange connections
 - 2" NPT, Style 6 Standard—(inline side in, side out)
 - 2" NPT, Style 8 Optional—(same side—side in, side out)
 - 3" Flange, Style 2 Standard—(side in, bottom out)



As a cartridge system:

- Cartridge carrier is 100% nonmetallic and holds seven 20", 30" or 40" filter cartridges (2.5" OD) to use with:
 - Double Open End
 - Single Open End 222 w/Bayonet
- 7 filter cartridges increase filter element surface area for a flow rate of up to 140 GPM
- Can use standard (Vorex®) or absolute rated (Vorex® HP) cartridges.

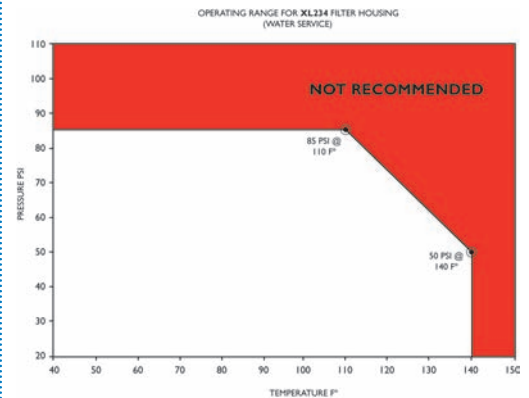


As a bag system:

- Bag vessel is nonmetallic externally with 316 stainless steel basket.
- Filter bag has 20% more surface area than standard #2 bag for longer life and flow rates of up to 160 GPM.
- **EZLoc** patented filter ring hermetically seals filter to prevent bypass.
- Variety of bag materials available including:
 - Polypropylene Felt (PONG)
 - Polypropylene Monofilament (PMO)
 - Polypropylene Micron Fiber (POMF)

Safety Features:

The XL234 vessel is rated up to 85 psi at 110° F.



FSI engineered two pressure safety points into the XL234 vessel lid to reduce heat and pressure accidents:

1. A spring-loaded lid locking pin is designed to keep the lid in place until it is manually moved.
2. A sacrificial vent grommet will vent if the lid is not closed securely.

HOW TO ORDER XL234

Example **XL C 200 D 2N 6 EP**

CODE:
XL234

TYPE:
B = Bag; C = Cartridge

SIZE:
100 = Bag
200 = 20" Cartridge
300 = 30" Cartridge
400 = 40" Cartridge

MEDIA:
B = Bag
D = Double Open End Cartridge (no end cap)
S = Single Open End 222 "O" Ring w/Bayonet

INLET/OUTLET SIZE:
2N = 2"NPT; 3F = 3" Flange; 2B = 2" BSP (British Std)

INLET/OUTLET CONFIGURATION:
2"NPT/2"BSP:
6 = Side In/Side Out (Standard)
8 = Side In/Side Out Same Side
3" Flange:
2 = Side In/Bottom Out (Standard)

GASKET MATERIAL:
EP = EPR; VI = Viton

FILTER BAGS FOR XL234

Example **B PONG 10 XL**

PRODUCT:
B=Bag

MATERIAL:
PONG=Polypropylene Felt
POMF=Polypropylene Microfiber
PMO=Polypropylene Monofilament Mesh

MICRON:
PONG: 1, 3, 5, 10, 25, 50, 75, 100
POMF: 1A=1 Micron; 2A=2 Micron;
10A=10 Micron; 25A=25 Micron;
90A=90 Micron;
OA=Spec Purpose 25 Micron
PMO: 100, 150, 200, 300, 600, 800

SIZE:
XL=for use in XL234 Filter Vessel

FILTER CARTRIDGES FOR XL234

Example **CM HP 10 40 B R**

PRODUCT:
CM= Microfiber Cartridge

TYPE:
MF=Vorex Cartridges
HP=Vorex HP Absolute Rated

MICRON:
MF: 1, 3, 5, 10, 25, 50, 75, 100
HP: 1, 3, 5, 10, 25, 35, 50, 75, 100

LENGTH:
20", 30", 40"

END CAPS:
Blank=No end caps; B=50E 222 "O" Ring/Bayonet

GASKET MATERIAL:
R=EPR; V=Viton

XL234

MODULAR
FILTER



Patent Pending

Filter Specialists, Inc. is a leader in filtration products. FSI offers custom filter design and manufacturing. For more information on other products and services, visit www.fsifilters.com or email sales@fsifilters.com

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