

THE EASY OPEN LID VESSEL  
FOR CARTRIDGE FILTRATION



FSI offers  
**REPLACEABLE**  
Bottom Seats,  
extending the life of  
the Housing  
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**CARTRIDGES**  
are seated with  
Post & Spring  
or 222 O-Rings

# THE EASY OPEN LID VESSEL FOR CARTRIDGE FILTRATION

The Easy Open Lid Vessel for Cartridge Filtration is the innovative alternative to opening and closing a filter vessel. Utilizing a totally unique sliding bracket retaining system, simply pump the lid activator handle and the Easy Open Lid will rotate and raise to a locked position in the time it takes to loosen one or two eyebolts on a conventional vessel. No need for impact wrenches or cheater bars to loosen or tighten eyebolts. Once raised, the lid can be swung away from the vessel for convenient and unobstructed change-out of the filter cartridges.

The Easy Open Lid takes the same amount of time to open, whether the vessel contains six cartridges or eighty. It can be fully opened in well under thirty seconds, drastically reducing change-out time and significantly lowering the cost of operating your vessels. The Easy Open Lid Vessel for Cartridge Filtration will save time, frustration and operating cost.

The Easy Open Lid is available on FSI Filter Cartridge Vessels FSC4000 through FSC8800. FSI Filter Cartridge Vessels are designed, built and stamped to meet code requirements in our own ASME code manufacturing facility. Vessels are constructed with a variety of piping sizes, connection styles and materials. Custom designs are available to fit your specific requirements.

## FILTER CARTRIDGES

FSI filter cartridges are the result of extensive research and development, backed by state-of-the-art manufacturing technology. Unlike some manufacturers, FSI makes most of its yarn, and winds all its cartridges in-house, to meet the highest quality standards. We use an exclusive patented process to manufacture our Polymicro® cartridges. This unique process thermally bonds pure polypropylene microfibers into a graded pore structure. This process prevents surface loading and results in a true depth filter cartridge that is perfect for many high-end uses.



**1** The lid rotates to the left disengaging the sliding retainer brackets.



**2** The lid rises up to well above the vessel body.



**3** Lid moves to allow access to filter medium.

## FEATURES

- Sliding Retainer Brackets
- Replaceable Wear Pads
- Single Gasket Lid Seal

## BENEFITS

- Easy opening and closing of vessel lid
- No eyebolts to replace
- Reduce resistance on retainer brackets
- Extend the life of the vessel
- Uniform sealing of lid to vessel body

## SAFETY FEATURES

- Manual Pressure Exhaust Valve: Remaining pressure in vessel depleted before opening
- Indicator/Lock Pin: Indicates by the green and red colors if the vessel lid is locked or unlocked
- Lid Safety Latch: Locks lid in the raised position allowing lid movement for unobstructed access to filter medium
- Splash Shield: Guards operator from liquid splashing during opening/closing procedure
- Alignment Pin: Assures proper positioning for lid descent to vessel body

## SPECIFICATIONS

- Carbon Steel or 316 L Stainless construction
- Gasket material of BUNA, or Viton®
- Standard pressure ratings to 150 PSI; higher ratings on request
- Hydraulic lid activator or optional mechanical screw type activator

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Whether you choose our Polywound®, Citation®, Polymicro® or Polymicro® II cartridges, you can count on our filter cartridges to perform efficiently and consistently.

THE FSI CITATION®, POLYMICRO® CARTRIDGES, AND POLYMICRO® II CARTRIDGES WITH SILICONE GASKETS ARE TESTED AND CERTIFIED BY NSF INTERNATIONAL UNDER ANSI/NSF STANDARD 42 FOR MATERIALS ONLY.



TO LEARN MORE ABOUT FILTER SPECIALISTS PRODUCTS, CONTACT ONE OF THE OFFICES OR VISIT OUR WEBSITE AT: <http://www.fsifilters.com>



USA  
**FILTER SPECIALISTS, INC.**  
 SHIP: 100 Anchor Road  
 Michigan City, IN 46360  
 MAIL: P. O. Box 735  
 Michigan City, IN 46361  
 Phone: 219-879-3307  
**800-348-3205**  
 Fax: 219-877-0632

Europe  
**FILTER SPECIALISTS INTERNATIONAL GMBH**  
 Valtersweg 3.1  
 D-65817 Eppstein-Bremthal  
 Germany  
 Phone: 011-49-6198-58080  
 Fax: 011-49-6198-580815

Central America  
**FSI de MEXICO**  
 S. de R.L. de C.V.  
 Centeno 119-A  
 Granjas Esmerelda  
 Iztapalapa, Mexico D.F.  
 C.P. 09810  
 Phone: 011-52-5-670-2224  
 Fax: 011-52-5-670-6068

South America  
**FSI SUL AMERICANA INDUSTRIAS**  
 Rua Oneda  
 671 Bairro Planalto  
 Sao Bernardo Do Campo  
 Sao Paulo, Brazil  
 Cep 09895-280  
 Phone: 011-55-11-4341-6840  
 Fax: 011-55-11-4341-6464



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