

FSPZ

THE EASY OPEN LID VESSEL



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EASE OF OPERATION

The FSI answer to time saving operation is our new Easy Open Lid Vessel. . .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. The Easy Open Lid Vessel will save time, frustration and operating cost.

The Easy Open Lid takes the same amount of time to open, whether the vessel contains four bags or forty; 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.

FSI ADVANCED DESIGN

FSI Bag Filter Vessels are designed, built and stamped to meet code requirements in our own ASME code manufacturing facility. Bag filter vessels include standard features like the single-gasket seal, permanent piping and perforated metal baskets that provide durable and consistent performance.

Our advanced Polyloc® bag ring design eliminates the need for under-basket gaskets. All FSI Bag Filter Vessels are fully compatible with conventional ring type bags as well as FSI's own Polyloc® Bag featuring the most advanced sealing device on the market today.

The Easy Open Lid is also available for our line of ASME code cartridge vessels that are designed and constructed with a variety of piping sizes, connection styles and materials. Custom designs are available to fit your specific requirements.



STEP 1

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



STEP 2

The lid rises up well above the vessel body.



STEP 3

Lid moves to allow access to filter medium.

FEATURES

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|---------------------------|--|
| Sliding Retainer Brackets | Easy opening and closing of vessel lid No eyebolts to replace |
| Replaceable Wear Pads | Reduce resistance on retainer brackets Extends the life of the vessel |
| Single Gasket Lid Seal | Uniform sealing of lid to vessel body |

SAFETY FEATURES

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|-------------------------------|---|
| 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 |
| Alignment Pin | Assures proper positioning for lid descent to vessel body |

SPECIFICATIONS

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| Carbon Steel or 316 L Stainless construction |
| Gasket Material of Buna, or Viton® |
| Pressure ratings to 150 PSI |
| Hydraulic lid activator or optional mechanical screw type activator |

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STANDARD EASY OPEN LID VESSEL MODELS*

| Model No. | No. of Bags | Bag size No. | Inlet & Outlet Size | Max. Flow Rate, GPM** |
|-----------|-------------|--------------|---------------------|-----------------------|
| FSPZ-800 | 4 | 2 | 4"-6" | 800 |
| FSPZ-1000 | 5 | 2 | 4"-8" | 1000 |
| FSPZ-1100 | 6 | 2 | 4"-8" | 1200 |
| FSPZ-1300 | 7 | 2 | 6"-8" | 1400 |
| FSPZ-2000 | 8 | 2 | 8"-10" | 1600 |
| FSPZ-2500 | 10 | 2 | 8"-10" | 2000 |
| FSPZ-3000 | 12 | 2 | 8"-10" | 2400 |
| FSPZ-3500 | 14 | 2 | 10"-12" | 2800 |
| FSPZ-4000 | 16 | 2 | 10"-12" | 3200 |
| FSPZ-4200 | 18 | 2 | 10"-14" | 3600 |
| FSPZ-4500 | 20 | 2 | 10"-14" | 4000 |
| FSPZ-4800 | 22 | 2 | 10"-14" | 4400 |
| FSPZ-5000 | 24 | 2 | 10"-14" | 4800 |

*Custom configurations available

**Maximum flow rate is based on aqueous flow at 1.0 PSI ΔP clean. Inlet and outlet pipe sizes can be changed to meet customer requirements

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

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