

MANIFOLDED AND DUPLEX FILTER VESSELS



Manifolded Unit

Introduction

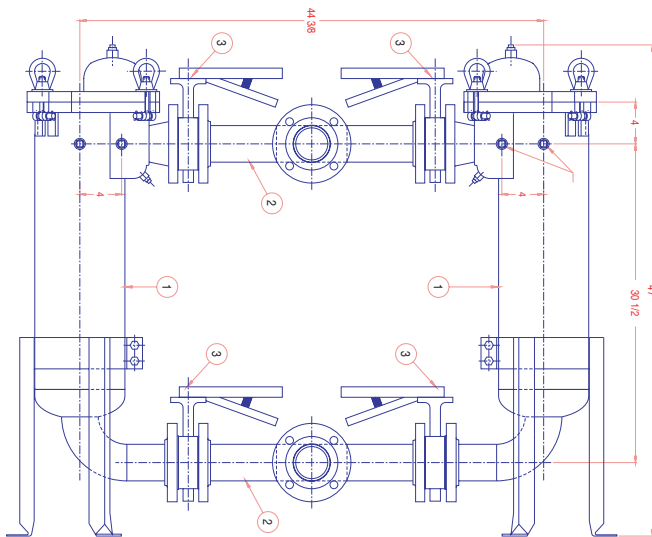
FSI's duplex filtration systems provide the flexibility and highest filtration quality that your process may require. Available in bag vessel or cartridge vessel designs, separately valved units operate independently, providing continuous service during media changes. Concurrent operation of both housings doubles the flow rate capacity of a single vessel.

Multiple-vessel filtration systems also allow for staged or series filtration, where the first vessel feeds the second, and so on. This allows for particle removal by descending particle size with each subsequent unit. The differences in solids concentration and particle size in a fluid can then be filtered for greater efficiency and accuracy.

Series filtration offers a particular advantage for applications where a process requires filtration for particles with unequal size, coarse filtration in first stages which provides longer service life for subsequent filters, and for improved performance and quality control.

Features:

- Ideal for continuous flow applications.
- Available in bag or cartridge filter units.
- Available with most vessel configurations for valved, parallel, and staged/series filtration.
- Systems feature the same durable, ASME Code construction as single vessels.
- Manifolded and Duplex custom vessels and systems are also available to fit your needs.



Duplex Unit