

SRI Series Isolating Manifold Systems and SRD Series Duplex Systems



Duplex design with pump
and motor assembly

Duplex filter systems offer the greatest flexibility for continuous on-line filtration requirements. This allows for continuous operation by directing the flow from one vessel to another by opening and closing of valves. This allows one side to be serviced, while the other vessel is in use.

Standard Features

- Butterfly valves — known for their effective seals and low cost
- Valves are easily serviced without having to disrupt other valves or piping
- Soft-seated bubble tight closure
- Designed with four elbows to minimize pressure drop across the system
- Vent and drain ports used to evacuate vessels
- Mechanical stops which assure that valves are completely open or closed
- Available with SRH, SRS, or SRX vessels

Manifold filtration systems consist of three or more filter vessels piped in series or parallel. Strainrite offers countless configurations and flow designs depending on the user's specific needs. The standard design is to configure the vessels in parallel with isolation valves on each vessel (refer to multiplex picture). A four-vessel system can also be configured in a box design, which allows for graduated filtration and continuous flow. Given the modular nature of manifold systems, throughput capability can be easily expanded or contracted as needed, and the footprint is adaptable to available space. Contact your distributor to configure the ideal system for your application.



Multiplex design