

SRID

Industrial Duty Bag Vessels

The SRID Industrial Duty series incorporates our unique radial seal design that provides a hermetic seal between the basket and vessel. Utilizing a radial seal with our retainer baskets eliminates “basket rocking”, which causes bypass as the basket becomes out of round. “Basket rocking” is common in low cost bag vessels that do not incorporate an O-ring seal and can cause unfiltered liquid bypass. The SRID, with a radial seal, has a machined surface that produces a positive seal to eliminate bypass.

The Strainrite Companies is known for developing some of the industry’s most advanced designed filter bags and hybrid cartridge elements on the market. These high efficiency filter bags and elements require a vessel that has a hermetically sealed top to fully capture all of the filters capabilities. The SRID is perfectly positioned to handle: standard bags, absolute rated filters and high efficiency large diameter pleated hybrid filters (Madd Maxx). The SRID vessel line is raising the bar in the OEM market by delivering superior value in a cost-effective design.



Features & Benefits

The SRID

- Hermetic radial o-ring sealed retainer basket: Eliminates potential for bypass and “basket rocking”
- 1” Bottom Drain: Allows for full evacuation of fluids
- Recessed basket design: Reduces operator exposure to unfiltered liquid. Less mess when making bag changes and no spillage of unfiltered liquids
- Side-inlet and Bottom-outlet: Side-inlet allows for easy plumbing and cleaning of vessel Bottom-outlet maximizes down stream fluid recovery and reduces differential pressure across the vessel
- Adjustable tri-pod stand: Offers flexibility when plumbing into an existing line

Standard Design

- 2” NPT & RFF inlet and outlet connections
- ¼” NPT vent port in lid
- 1” NPT bottom drain port
- 150 PSI design pressure
- Side-inlet bottom-outlet
- O-ring sealed cover
- Basket is Radial o-ring sealed
- Perforated retainer basket
- Adjustable height tri-pod stand

Optional Features

- Wire mesh basket
- Mesh lined baskets for straining application from 20 mesh to 200 mesh
- Side Outlet configuration
- 3” NPT or RFF connections
- Eye nut closure system
- Filter bag compression device

Ordering Information

This is not a comprehensive list. We can build your vessel to suit your specifications. Call one of our customer service representatives for pricing and availability.

Strainrite Industrial Duty Vessel

SRID

Code Bag Size		Code Connections		Code Connection Type		Code Construction Materials		Code O-Ring		Code Options	
1	#1 size bag	2	2 Connections	-	NPT	A	Carbon Steel	S	Silicone (Standard O-ring)	WMB	Wire Mesh Basket
2	#2 size bag	3	3 Connections	F	Flange	B	304 Stainless Steel	B	Buna N (Standard gasket)	SO	Side Outlet
								V	Fluorocarbon	EN	Eye Nut
								E	EPDM	EP	Electro Polish Finish
								TV	Encapsulated Fluoro.	MLB	Mesh-Lined Basket
										CLH	Cover Lid Handle
										DPG	Differential Pressure Gauge Ports (2)

SRID Twin / Duplex Models

SRID Twin and SRID Duplex bag vessels offer economical filtration for nominally rated applications between 150 and 300 gpm.

The SRID Twin filter system is comprised of two #2-size housings piped together and joined to a common header. This design divides flow equally between both housings and also reduces cost approximately 50% compared to a multi-bag housing holding 2 bags inside.

The SRID Duplex filter systems offer great 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.

Features & Benefits

The SRID Twin

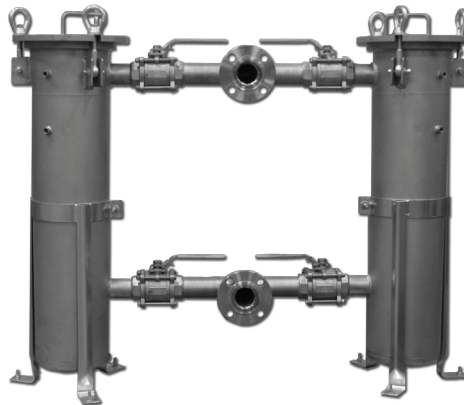
- Adjustable height tripod stand
- Inlet/outlet orientation:
Side-in/Bottom-out (*optional*)
or Side-in/Side-out (*standard*)
- Low pressure drop
- Positive cover seal
- 150 psi design, available to 1,000 psi
- Easily cleaned
- 1/8" Stainless Steel perforated basket (*standard*)

The SRID Duplex

- Adjustable height tripod stand
- Inlet/outlet orientation:
Side-in/Bottom-out (*optional*)
or Side-in/Side-out (*standard*)
- 1/8" Stainless Steel perforated basket (*standard*)
- 150 psi design, available to 1,000 psi
- Easily cleaned
- Low pressure drop
- Positive cover seal
- 3-piece ball valves standard



SRID Twin



SRID Duplex

Ordering Information

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Strainrite Industrial
Duty Twin/Duplex

SRID

Code Bag Size		Code Inlet/Outlet		Code Construction Materials		Code Style		Code Options	
2	#2 size bag	2F	2" RFF	A	Carbon Steel	Twin	No valves	WMB	Wire Mesh Basket
		3F	3" RFF	B	304 Stainless Steel	Duplex	Valves	SO	Side Outlet
								EN	Eye Nut
								EP	Electro Polish Finish
								MLB	Mesh-Lined Basket
								CLH	Cover Lid Handle
								DPG	Differential Pressure Gauge Ports (2)