

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.



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.

ORDER GUIDE



SRID FEATURES	
Hermetic radial o-ring sealed retainer basket: Eliminates potential for bypass and "basket rocking"	
Adjustable tri-pod stand: Offers flexibility when plumbing into an existing line	
Inlet/Outlet Orientation: Side-in Bottom-out (standard) Side-in Side-out (optional)	Recessed basket design: Reduces operator exposure to unfiltered liquid. Less mess when making bag changes and no spillage of unfiltered liquids
Standard Pressure ratings: 150 psi	1" Bottom Drain: Allows for full evacuation of fluids
1" NPT bottom drain port	¼" NPT vent port in lid
Perforated retainer basket	Basket is Radial o-ring sealed
Adjustable-height legs tripod stand	2" NPT & RFF inlet and outlet connections
Built-in volume displacer in cover	O-ring sealed cover
SRID OPTIONAL FEATURES	
Wire mesh basket	Mesh lined baskets for straining application from 20 to 200 mesh
Side Outlet configuration	3" NPT or RFF connections
Eye nut closure system	Filter bag compression device
MAXX-Flow / MAXX-Trap Baskets available	
SRID TWIN FEATURES	
Inlet/Outlet Orientation: Side-in Side-out (standard) Side-in Bottom-out (optional)	
150 psi design, available to 1,000 psi	1/8" Stainless Steel perforated basket (standard)
Positive cover seal	Easily cleaned
Low Pressure Drop	Adjustable height tripod stand
SRID DUPLEX FEATURES	
Inlet/Outlet Orientation: Side-in Side-out (standard) Side-in Bottom-out (optional)	
150 psi design, available to 1,000 psi	1/8" Stainless Steel perforated basket (standard)
Positive cover seal	Easily cleaned
Low Pressure Drop	Adjustable height tripod stand

ORDER OPTIONS

VESSEL	
SRID	Strainrite Industrial Duty Series
BAG SIZE	
1 2	#1 size bag* #2 size bag
*Not available in Twin or Duplex	
INLET/OUTLET	
2 2F 3 3F	*2" NPT 2" RFF *3" NPT 3" RFF
*Not available in Twin or Duplex	
MATERIAL	
A B	Carbon Steel 304 Stainless Steel
STYLE	
- Twin Duplex	Single No valves Valves
O-RING*	
S B V E TV	Silicone Buna N Fluorocarbon EPDM Encapsulated Fluorocarbon
*Not applicable to Twin or Duplex	
OPTIONS	
WMB SO/180 EN EP MLB CLH DPG MF	Wire Mesh Basket Side Outlet 180 degrees* Eye Nut Electro Polish Finish Mesh-Lined Basket Cover Lid Handle Differential Pressure Gauge Ports (2) MAXX-Flow / MAXX-Trap Basket
*consult factory for other orientations	