# SRID

**Industrial Duty Bag Vessels**

## PRODUCT HIGHLIGHTS

### 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
- Bottom Drain: Allows for full evacuation of fluids, Built-in volume displacer
- 1" NPT bottom drain port, ¼" NPT vent port in lid, 2" NPT & RFF inlet and outlet connections

### SRID OPTIONAL FEATURES

- Wire mesh basket Mesh lined baskets for straining application from 20 to 200 mesh
- Side Outlet configuration 2-4" NPT or RFF connections
- Eye nut closure system
- Filter bag compression device
- MAXX-Flow / MAXX-Trap Baskets available



*SRID*

## PRODUCT DESCRIPTION

The SRID Industrial Duty series incorporates our unique radial seal design that provides a hermetic seal between the basket and vessel. The SRID, with a radial seal, has a machined surface that produces a positive seal to eliminate bypass. 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 handles: standard bags, absolute rated filters and high efficiency large diameter pleated hybrid filters (Madd Maxx).

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.

## CONSTRUCTION MATERIAL
*Carbon steel (A), 304 stainless steel (B)*

## MAXIMUM OPERATING PRESSURE
*150 PSI standard; 1000 PSI available*

## STYLES
*Single, Twin (no valves), Duplex (with valves)*

## INLET/OUTLET
*2" NPT, 2" RFF, 3" NPT, 3" RFF*

## O-RING OPTIONS
*Silicone, Buna N, Fluorocarbon, EPDM, Encapsulated Fluorocarbon*

## BAG SIZE
*#1 size bag*
*#2 size bag*

## SURFACE AREA
*#1 2.25 sq. ft.*
*#2 4.50 sq. ft.*

## OPTIONS
*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 /*

# SPECIFICATIONS

SCAN FOR MORE INFO

### 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
- Adjustable height tripod stand

### SRID DUPLEX FEATURES
- Inlet/Outlet Orientation: Side-in Side-out (standard)
- Side-in Bottom-out (optional)
- Butterfly valves standard
- 150 psi design, available to 1,000 psi
- 1/8" Stainless Steel perforated basket (standard)
- Positive cover seal
- Low Pressure Drop
- Adjustable height tripod stand

**We can build your vessel to suit your specifications. Call one of our customer service representatives for pricing and availability.**

# ORDER OPTIONS

| VESSEL | BAG SIZE | INLET/OUTLET | MATERIAL | STYLE | O RING | OPTIONS |
|---|---|---|---|---|---|---|
| **SRID** Strainrite Heavy Duty Series | **1** #1 size bag<br>**2** #2 size bag | **2** 2" NPT<br>**2F** 2" RFF<br>**3** 3" NPT<br>**3F** 3" RFF | **A** Carbon Steel<br>**B** 304 Stainless Steel<br>**C** 316 Stainless Steel | **-** Single<br>**Twin** No valves<br>**Duplex** Valves | **S** Silicone<br>**B** Buna N<br>**V** Fluorocarbon<br>**E** EPDM<br>Not applicable to Twin or Duplex | **WMB** Wire Mesh Basket<br>**SO/180** Side Outlet 180 degrees**<br>**EN** Eye Nut<br>**EP** Electro Polish Finish*<br>**MLB** Mesh-Lined Basket<br>**CLH** Cover Lid Handle<br>**DPG** Differential Pressure Gauge Ports (2)<br>**MF** MAXX-Flow / MAXX-Trap Basket<br>**Consult factory for other orientations<br>*NO EP for carbon steel |

| SRID | 2 | 2F | B | - | - | EP | SRID22FBEP |
|---|---|---|---|---|---|---|---|
| SERIES | BAG SIZE | INLET/OUTLET | MATERIAL | STYLE | ORING | OPTIONS | |

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