SRHD

Heavy Duty Bag Vessels

PRODUCT HIGHLIGHTS

SRHD 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)
- Pipe sizes: 0.75" to 4" NPT, RFF or quick disconnect
- Standard Pressure ratings: 150 psi Stainless Steel wire mesh basket
- Swing bolt closures 0.25" NPT vent tap
- Low Pressure Drop
- Adjustable-height legs Large-area, heavy-duty baskets
- Built-in volume displacer in cover, Liquid displacers for cleaner servicing
- O-ring seals: Buna N, EPDM, Fluorocarbon, PTFE encapsulated

SRHD OPTIONAL FEATURES

- Sanitary construction Different outlet connections and orientations
- Higher pressure ratings Heat jacketing
- ASME code stamp, Pipe or flange 1" - 4"
- Custom pressure ratings: 300 psi up to 1,000 psi, Compression device
- MAXX-Flow / MAXX-Trap Baskets available

PRODUCT DESCRIPTION

The SRHD series incorporates our unique radial seal design that provides a hermetic seal between the basket and vessel, eliminating "basket rocking", which causes bypass as the basket becomes out of round. Our standard wire mesh baskets increase available filtration surface area up to 30% compared to cheaper perforated retainer baskets. SRHD Twin and SRHD Duplex bag vessels offer economical filtration for nominally rated applications between 150 and 300 gpm.

The SRHD 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% comparedto a multi-bag housing holding 2 bags inside.

The SRHD 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.



SRHD

CONSTRUCTION MATERIAL
Carbon steel (A), 304 stainless steel (B), 316 stainless steel (C)

MAXIMUM OPERATING PRESSURE
150 PSI standard; 300-1000 PSI available

STYLES
Single, Twin, Duplex

INLET/OUTLET
0.75" to 4" NPT, RFF, or quick disconnect (minimum 2" NPT recommended for rated flow)

BASKET
Stainless Steel Mesh

INLET/OUTLET ORIENTATION
Side-in/bottom-out (standard single), side-in/side-out (standard Twin/Duplex), optional configurations available

BAG SIZE
#1 size bag
#2 size bag

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

O-RING OPTIONS
Buna N, EPDM, Fluorocarbon, PTFE encapsulated

FLOW RATE

SRHD 1 — Basket/Strainer Flow Rate	*150gpm*	*SRHD 2 — Basket/Strainer Flow Rate*	*300gpm*
SRHD 1 — Mesh Lined Flow Rate	*100gpm*	*SRHD 2 — Mesh Lined Flow Rate*	*200gpm*
SRHD 1 — Retainer w/ Bag Flow Rate	*75gpm*	*SRHD 2 — Retainer w/ Bag Flow Rate*	*150gpm*

OPTIONS
Sanitary design, side outlet, side-in/bottom-out, electro polish finish, differential pressure gauge ports, mesh-lined basket, code stamped, 3rd party ASME code inspected, swing bolts/eye nut stainless steel, MAXX-Flow / MAXX-Trap basket

SPECIFICATIONS

SCAN FOR MORE INFO

SRHD DUPLEX FEATURES
- **Inlet/Outlet Orientation: Side-in Side-out (standard)**
- **Side-in Bottom-out (optional)**
- **150 psi design, available to 1,000 psi Stainless Steel wire mesh basket**
- **Positive cover seal, Easily cleaned**
- **Low Pressure Drop ASME Code stamp available on all vessels**
- **3-piece ball valves standard, Adjustable height tripod**

SRHD TWIN FEATURES
- **Inlet/Outlet Orientation: Side-in Side-out (standard)**
- **Side-in Bottom-out (optional)**
- **Adjustable height tripod stand, Easily Cleaned**
- **150 psi design, available to 1,000 psi**
- **Stainless Steel wire mesh basket**
- **Positive cover seal, Low Pressure Drop**

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	OPTIONS
SRHD Strainrite Heavy Duty Series	**1** #1 size bag **2** #2 size bag	**2** 2" NPT **2F** 2" RFF **3** 3" NPT **3F** 3" RFF **4** 4" NPT **4F** 4" RFF	**A** Carbon Steel **B** 304 Stainless Steel **C** 316 Stainless Steel	**-** Single **Twin** No valves **Duplex** Valves	**SAN** Sanitary Design **SO/SS** I/O Same Side **SI/180** I/O Opposite Side **EP** Electro Polish Finish **GT** Differential Pressure Gauge Ports **ML** Mesh-Lined Basket **UM** Code Stamped (SB only) **U** 3rd Party ASME Code Inspected **SSB** Swing Bolts/Eye Nut Stainless Steel **MF** MAXX-Flow / MAXX-Trap Basket *Single vessel option; side in/bottom out is standard **Twin / Duplex vessel option; side in/side out is standard

SRHD	2	2F	A	-	EP	
SERIES	BAG SIZE	INLET/OUTLET	MATERIAL	STYLE	OPTIONS	**SRHD22FAEP**