SRL

25

BAG SIZE

1F

INLET/ OUTLET

The SRL Low Flow Vessel is versatile in it's ability to function as a strainer or add a filter bag and convert it to a liquid filtration housing unit. The SRL Series vessels come in two standard sizes, tailored to your throughput requirements. The SRL 1-25 is rated for 30 gpm, and the SRL 1-50 at 65 gpm. All sizes are available in three different closure designs for ease of cleaning/replacing and for easy removal without specific tools.

Unfiltered liquid enters the housing above the bag or basket and flows through. Because solids are contained inside the bag or basket, removal is made easy when service is required. Basket strainers and bag filters are selected to comply with specific application requirements.

Inlet/Outlet Orientation: Side-in Bottom-out         Low Pressure Drop       Positive Cover Seal         Easily Cleaned       Heavy Duty Perforated Basket         Pipe Sizes from 0.5" to 2" NPT, RFF or quick disconnect       0.25" NPT Vent Tap         SRL OPTIONAL FEATURES       Inlet/Outlet Orientation: Side-in Side-out         Epoxy coating, electro-polish & fuse coating       Higher pressure ratings available         Compression devices       Custom designs         Sanitary construction       Mesh-lined basket for straining applications: 50 micron & higher         Band Clamp, Swing Bolt & Swing Away Closures available in both sizes       ASME Code Stamp Available on swing bolt design         FILTER STYLES ACCEPTED       Install a bag filter of indicated size       Accepts ring collar only         PERFORMANCE CHARACTERISTICS - SINGLE CARTRIDGE       10" 1µ       nominal         0.2	SRL FEATURES				
Easily Cleaned       Heavy Duty Perforated Basket         Pipe Sizes from 0.5" to 2" NPT, RFF or quick disconnect       0.25" NPT Vent Tap         SRL OPTIONAL FEATURES       Inlet/Outlet Orientation: Side-in Side-out         Epoxy coating, electro-polish & fuse coating       Higher pressure ratings available         Compression devices       Costom designs         Sanitary construction       Mesh-lined basket for straining applications: 50 micron & higher         Band Clamp, Swing Bolt & Swing Away Closures available in both sizes       ASME Code Stamp Available on swing bolt design         FILTER STYLES ACCEPTED       Install a bag filter of indicated size       Accepts ring collar only         PERFORMANCE CHARACTERISTICS - SINGLE CARTRIDGE       20" 1µ       nominal         0.2       4       6       8       10	Inlet/Outlet Orientation: Side-in Bottom-out				
Pipe Sizes from 0.5" to 2" NPT, RFF or quick disconnect       0.25" NPT Vent Tap         SRL OPTIONAL FEATURES       Inlet/Outlet Orientation: Side-in Side-out         Epoxy coating, electro-polish & fuse coating       Higher pressure ratings available         Compression devices       Costom designs         Sanitary construction       Mesh-lined basket for straining applications: 50 micron & higher         Band Clamp, Swing Bolt & Swing Away Closures available in both sizes       ASME Code Stamp Available on swing bolt design         FILTER STYLES ACCEPTED       Install a bag filter of indicated size         0.6       10" 1µ         0.3	Low Pressure Drop	Positive Cover Seal			
SRL OPTIONAL FEATURES         Inlet/Outlet Orientation: Side - in Side - out         Epoxy coating, electro-polish & fuse coating         Higher pressure ratings available         Compression devices         Custom designs         Sanitary construction         Mesh-lined basket for straining applications: 50 micron & higher         Band Clamp, Swing Bolt & Swing Away Closures available in both sizes         ASME Code Stamp Available on swing bolt design         FILTER STYLES ACCEPTED         Install a bag filter of indicated size         0.6         0.7         0.3         0.4         0.3         0.4         0.3         0.4         0.4         0.3         0.4         0.3         0.4         0.4         0.3         0.4         0.3         0.4         0.4         0.3         0.4         0.3         0.4         0.3         0.4         0.3         0.4         0.4         0.5         0.1         0.2	Easily Cleaned	Heavy Duty Perforated Basket			
Inlet/Outlet Orientation: Side-in Side-out Epoxy coating, electro-polish & fuse coating Higher pressure ratings available Compression devices Custom designs Sanitary construction Mesh-lined basket for straining applications: 50 micron & higher Band Clamp, Swing Bolt & Swing Away Closures available in both sizes ASME Code Stamp Available on swing bolt design FILTER STYLES ACCEPTED Install a bag filter of indicated size 0.6 0.5 0.4 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	Pipe Sizes from 0.5" to 2" NPT, RFF or quick disconnect	0.25″ NPT Vent Tap			
Epoxy coating, electro-polish & fuse coating Higher pressure ratings available Compression devices Custom designs Sanitary construction Mesh-lined basket for straining applications: 50 micron & higher Band Clamp, Swing Bolt & Swing Away Closures available in both sizes ASME Code Stamp Available on swing bolt design FILTER STYLES ACCEPTED Install a bag filter of indicated size PERFORMANCE CHARACTERISTICS - SINGLE CARTRIDGE 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	SRL OPTIONAL FEATURES				
Higher pressure ratings available Compression devices Custom designs Sanitary construction Mesh-lined basket for straining applications: 50 micron & higher Band Clamp, Swing Bolt & Swing Away Closures available in both sizes ASME Code Stamp Available on swing bolt design FILTER STYLES ACCEPTED Install a bag filter of indicated size 0.6 0.5 0.4 0.2 0.4 0.2 0.1 0.2 0.1 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.2 0.3 0.2 0.4 0.2 0.4 0.2 0.4 0.2 0.4 0.2 0.4 0.2 0.4 0.2 0.4 0.5 0.4 0.2 0.4 0.5 0.4 0.5 0.4 0.2 0.4 0.2 0.4 0.2 0.4 0.5 0.4 0.2 0.1 0.2 0.1 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	Inlet/Outlet Orientation: Side-in Side-out				
Compression devices Custom designs Sanitary construction Mesh-lined basket for straining applications: 50 micron & higher Band Clamp, Swing Bolt & Swing Away Closures available in both sizes ASME Code Stamp Available on swing bolt design FILTER STYLES ACCEPTED Install a bag filter of indicated size 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Epoxy coating, electro-polish & fuse coating				
Custom designs         Sanitary construction         Mesh-lined basket for straining applications: 50 micron & higher         Band Clamp, Swing Bolt & Swing Away Closures available in both sizes         ASME Code Stamp Available on swing bolt design         FILTER STYLES ACCEPTED         Install a bag filter of indicated size         Q.6         0.6         0.7         0.8         0.1         0.1         0.2         0.1         0.2         0.1         0.1         0.2         0.1         0.1         0.2         0.3         0.4         0.1         0.2         0.3         0.4         0.1         0.2         0.3         0.4         0.5         0.1         0.2         0.3         0.4         0.5         0.7         0.8         0.9         0.1         0.2         0.3         0.4         0.5         0.7 </td <td>Higher pressure ratings available</td> <td></td>	Higher pressure ratings available				
Sanitary construction Mesh-lined basket for straining applications: 50 micron & higher Band Clamp, Swing Bolt & Swing Away Closures available in both sizes ASME Code Stamp Available on swing bolt design FILTER STYLES ACCEPTED Install a bag filter of indicated size PERFORMANCE CHARACTERISTICS - SINGLE CARTRIDGE 0.6 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Compression devices				
Mesh-lined basket for straining applications: 50 micron & higher         Band Clamp, Swing Bolt & Swing Away Closures available in both sizes         ASME Code Stamp Available on swing bolt design         FILTER STYLES ACCEPTED         Install a bag filter of indicated size         Accepts ring collar only         PERFORMANCE CHARACTERISTICS - SINGLE CARTRIDGE         0.6         0.5         0.4         0.3         0.4         0.3         0.4         0.3         0.4         0.5         0.1         0.2         0.1         0.1         0.1         0.1         0.1         0.2         0.3         0.4         0.5         0.1         0.1         0.1         0.1         0.1         0.2         0.3         0.4         0.1         0.1         0.1         0.1         0.2         0.3         0.4         0.5         0.6         0.7	Custom designs				
Band Clamp, Swing Bolt & Swing Away Closures available in both sizes ASME Code Stamp Available on swing bolt design FILTER STYLES ACCEPTED Install a bag filter of indicated size PERFORMANCE CHARACTERISTICS - SINGLE CARTRIDGE 0.6 0.6 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Sanitary construction				
ASME Code Stamp Available on swing bolt design FILTER STYLES ACCEPTED Install a bag filter of indicated size PERFORMANCE CHARACTERISTICS - SINGLE CARTRIDGE 0.6 0.6 0.5 0.4 0.4 0.4 0.2 0.2 0.2 0.2 0.1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Mesh-lined basket for straining applications: 50 micron & higher				
FILTER STYLES ACCEPTED         Install a bag filter of indicated size       Accepts ring collar only         PERFORMANCE CHARACTERISTICS - SINGLE CARTRIDGE         0.6       10" 1μ         0.5       10" 1μ         0.4       20" 1μ         0.3       20" 1μ         0.4       10" 1μ         0.2       10" 1μ         0.1       2         0.1       2         0.1       2         0.1       2         0.1       2         0.1       2         0.1       2         0.1       2         0.1       2         0.1       2         0.1       2         0.2       4         0.3       0.1         0.1       2         0.1       2         0.1       3         0.1       3         0.2       3         0.3       3         0.1       3         0.1       3         0.2       4         0.3       3         0.4       3         0.5       3	Band Clamp, Swing Bolt & Swing Away Closures available in both sizes	Band Clamp, Swing Bolt & Swing Away Closures available in both sizes			
Install a bag filter of indicated size         Accepts ring collar only           PERFORMANCE CHARACTERISTICS - SINGLE CARTRIDGE         0.6         10" 1μ nominal           0.5         0.4         0.4         0.4         0.4         0.7         10" 1μ nominal           0.2         0.1         0.1         0.1         20" 1μ nominal         30" 1μ nominal           0.1         0.1         0.1         0.1         10         10         10	ASME Code Stamp Available on swing bolt design				
PERFORMANCE CHARACTERISTICS - SINGLE CARTRIDGE           0.6         10" 1μ nominal           0.5         20" 1μ nominal           0.4         20" 1μ nominal           0.2         10" 1μ nominal           0.1         20" 1μ nominal           0.1         20" 1μ nominal           0.1         20" 1μ nominal           0.1         2           2         4           6         8           10	FILTER STYLES ACCEPTED				
$\begin{array}{c} 0.6 \\ \hline 0.5 \\ 0.4 \\ 0.2 \\ 0.1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 2 \\ 2 \\ 4 \\ 6 \\ 8 \\ 10 \\ \end{array}$	Install a bag filter of indicated size	Accepts ring collar only			
$\begin{array}{c} \text{SS} 0.3 \\ 0.4 \\ 0.3 \\ 0.2 \\ 0.1 \\ 0 \\ 0 \\ 0 \\ 2 \\ 2 \\ 4 \\ 6 \\ 8 \\ 10 \end{array}$	PERFORMANCE CHARACTERISTICS - SINGLE CARTRIDGE				
WATER FLOW RATE (GPM)	0.5	20″ 1µ nominal 30″ 1µ nominal			
	WATER FLOW RAT	E (GPM)			

NEED ELEMENTS FOR YOUR VESSEL?

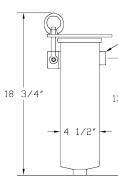
The following are most commonly used with the SRL line:

FILTER BAGS—PAGES98-123 As always, discuss your options with your local sales representative to find the best fit for your application.

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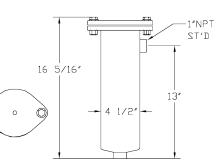
SRL 1-25 with Swing Bolt Closure design (100 to 300 psi rating)





SRL-25-SB





SRL-25-SW



Band Clamp Closure design (100 psi rating)



	ORDER OPTIONS				
			VESSEL		
SB		SRL	Strainrite Low Flow Series		
			BAG SIZE		
		3 4 25 50	#3 size bag* #4 size bag* #25 size bag* #50 size bag*		
			*available in metal ring or Z-flange only		
osure design			INLET/OUTLET		
		1 1F 1TC 1.5 1.5F 1.5TC 2 2F 2TC	1" NPT 1" RFF 1" Triclover 1.5" NPT 1.5" RFF 1.5" Triclover 2" NPT 2" RFF 2" Triclover		
			MATERIAL		
		A B C	Carbon Steel 304 Stainless Steel 316 Stainless Steel		
			CLOSURE		
$\bigcirc$		BC SB SW	Band Clamp Swing Bolt Swing Away		
1"NPT ST'D		OPTIONS			
- 4 1/2"		SAN SO EP GT ML UM	Sanitary Design Side Outlet - Side Out/Same Side Electro Polish Finish Differential Pressure Gauge Ports Mesh-Lined Basket Code Stamped (SB only)		
SRL-25-BC		This is no	t a comprehensive list Me can hu		

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.