



- SCICLONIC™ Water Flow Design.
- Swing bolt closure for quick and secure filter change.
- Heavy duty 304 or 316 stainless steel for durability available.
- Legs and Electropolish are standard.
- Accepts Jumbo Style Cartridges.
- Radial Flow Entry.
- Stainless Steel Standpipes.

HYDROSCIENTIFIC SCICLONE™ SERIES SS FILTER HOUSINGS provide an exceptional performance housing design that helps separate dense solids prior to water passing through the filter cartridge. This SCICLONIC™ design delivers extended filter life, low cost operation, increased dirt holding capacity and reduced maintenance costs.

HYDROSCIENTIFIC SCICLONE™ SERIES SS FILTER HOUSINGS come with Stainless Steel standpipes as a standard feature and through their SCICLONIC™ radial flow water entry, water enters the housing to create a cyclonic effect to prevent air entrapment and force water more effectively through the cartridges pleated filter media.



SC SCICLONE™ SERIES - 304SS SWING BOLT JUMBO FILTER HOUSING SPECIFICATIONS										
Part Number	Description	Ports (In/Out)	Drains (FNPT)	Vents (FNPT)	Gauge Port	Swing Arm	Max. Flow (gpm)	Max. Flow (lpm)	Max. Flow (m ³ /hr)	
SC40SB	HydroScientific Sciclone™ SB 40 Single Jumbo Filter Housing, ML, EP	2" FL	3/4"	1/2"	1/4"	-	50	189	12	
SC90SB	HydroScientific Sciclone™ SB 90 Single Jumbo Filter Housing, ML, EP	2" FL	3/4"	1/2"	1/4"	-	100	378	24	
SC170SB	HydroScientific Sciclone™ SB 170 Single Jumbo Filter Housing, ML, EP	2" FL	3/4"	1/2"	1/4"	-	150	568	36	
SC170SB-3	HydroScientific Sciclone™ SB 3 x 170 Multi Jumbo Filter Housing, ML, EP	4" FL	1 1/2"	1/2"	1/2"	-	450	1703	102	
SC170SB-4	HydroScientific Sciclone™ SB 4 x 170 Multi Jumbo Filter Housing, ML, EP	6" FL	1 1/2"	1/2"	1/2"	-	600	2272	144	
SC170SB-5	HydroScientific Sciclone™ SB 5 x 170 Multi Jumbo Filter Housing, ML, EP	6" FL	1 1/2"	1/2"	1/2"	-	750	2839	170	
SC170SB-8	HydroScientific Sciclone™ SB 8 x 170 Multi Jumbo Filter Housing, ML, GB	6" FL	1 1/2"	1/2"	1/2"	-	1200	4542	272	
SC170SB-12	HydroScientific Sciclone™ SB 12 x 170 Multi Jumbo Filter Housing, ML, GB	12" FL	1 1/2"	1/2"	1/2"	✓	1800	6816	432	
SC170SB-16	HydroScientific Sciclone™ SB 16 x 170 Multi Jumbo Filter Housing, ML, GB	12" FL	2"	1/2"	1/2"	✓	2400	9088	576	

SC SCICLONE™ SERIES - 316SS SWING BOLT JUMBO FILTER HOUSING SPECIFICATIONS										
Part Number	Description	Ports (In/Out)	Drains (FNPT)	Vents (FNPT)	Gauge Port	Swing Arm	Max. Flow (gpm)	Max. Flow (lpm)	Max. Flow (m ³ /hr)	
SC40SB-316	HydroScientific Sciclone™ SB 40 Single Jumbo Filter Housing, ML, EP	2" FL	3/4"	1/2"	1/4"	-	50	189	12	
SC90SB-316	HydroScientific Sciclone™ SB 90 Single Jumbo Filter Housing, ML, EP	2" FL	3/4"	1/2"	1/4"	-	100	378	24	
SC170SB-316	HydroScientific Sciclone™ SB 170 Single Jumbo Filter Housing, ML, EP	2" FL	3/4"	1/2"	1/4"	-	150	568	36	
SC170SB-3-316	HydroScientific Sciclone™ SB 3 x 170 Multi Jumbo Filter Housing, ML, EP	4" FL	1 1/2"	1/2"	1/2"	-	450	1703	102	
SC170SB-4-316	HydroScientific Sciclone™ SB 4 x 170 Multi Jumbo Filter Housing, ML, EP	6" FL	1 1/2"	1/2"	1/2"	-	600	2272	144	
SC170SB-5-316	HydroScientific Sciclone™ SB 5 x 170 Multi Jumbo Filter Housing, ML, EP	6" FL	1 1/2"	1/2"	1/2"	-	750	2839	170	
SC170SB-8-316	HydroScientific Sciclone™ SB 8 x 170 Multi Jumbo Filter Housing, ML, GB	6" FL	1 1/2"	1/2"	1/2"	-	1200	4542	272	
SC170SB-12-316	HydroScientific Sciclone™ SB 12 x 170 Multi Jumbo Filter Housing, ML, GB	12" FL	1 1/2"	1/2"	1/2"	✓	1800	6816	432	
SC170SB-16-316	HydroScientific Sciclone™ SB 16 x 170 Multi Jumbo Filter Housing, ML, GB	12" FL	2"	1/2"	1/2"	✓	2400	9088	576	

SB = SWING BOLT, ML = LEGS, EP = ELECTROPOLISH, GB = GLASS BEAD

ADDITIONAL FEATURES

Finish:	Electropolished and Bead Blasted Standard
Drains:	Clean and Dirty standard on all models
Gauge Ports:	Clean and Dirty standard on all models

APPLICATIONS

- Residential, Commercial, Industrial and Municipal
- Cooling Tower Filtration
- Whole House Filtration
- Process Water
- Well Water
- Small Community Compliance
- Industrial Waste Water Treatment

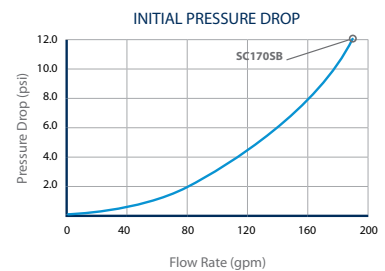
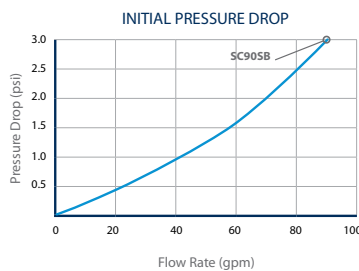
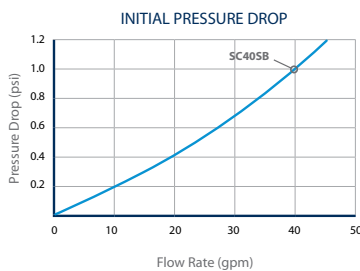
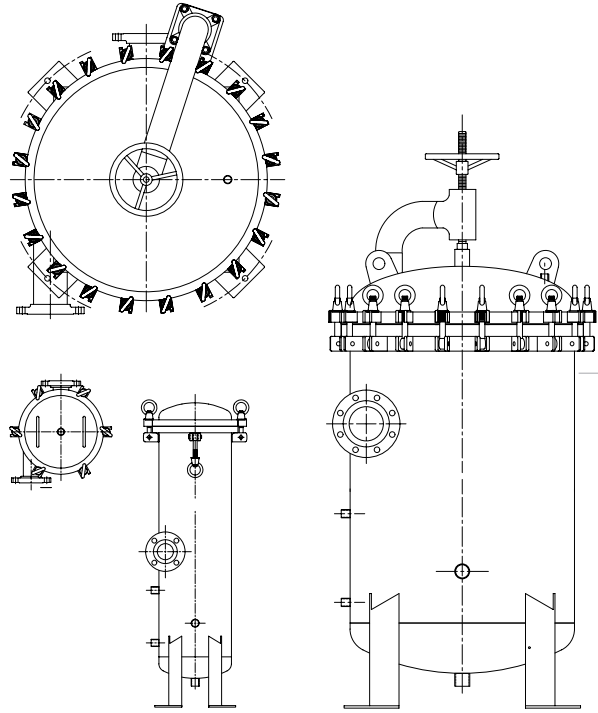
MATERIALS OF CONSTRUCTION

Housing Shell:	304 or 316 stainless steel
Swing Bolt Lid Closure:	Zinc Plated Steel
Vent and Drain Plugs:	304 or 316 stainless steel
Heavy Duty Mounting Legs:	304 or 316 stainless steel
O-Ring / Gasket:	EPDM - FDA Grade (Viton, Silicone and EPR Options)

OPERATIONAL DATA

Max. Working Pressure:	150 psi at 300 °F (10.3 bar at 149 °C)
Max. Operating Temperature:	300 °F (149 °C)

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