HSBJ SERIES

Swing Bolt Jumbo Filter Housings
Data Sheet



- 304 or 316 Stainless Steel.
- Electropolished standard on all models.
- Swing Bolt Design for Fast / Easy Operation.
- Stainless Steel Standpipe.
- Accepts Jumbo Style Cartridges.
- Multiple Size options to best meet your application.
- NSF/ANSI/CAN 61 & NSF/ANSI 372 certified.

HYDROSCIENTIFIC™ HSBJ SERIES SWING BOLT JUMBO FILTER HOUSINGS provide an exceptional performance that delivers durability, quality and price.

HYDROSCIENTIFIC™ HSBJ SERIES SWING BOLT JUMBO FILTER HOUSINGS come with Stainless Steel standpipes as a standard feature and through their JUMBO radial flow water entry, water enters the housing and forces water more effectively through the cartridges pleated filter media.

This filter housing is tested and certified by NSF International to NSF/ANSI/CAN 61, NSF/ANSI 372

COMPONENT

HSBJ SERIES - 304SS SWING BOLT JUMBO FILTER HOUSING SPECIFICATIONS

Part Number	Description	Ports (In/Out)	Drains (FNPT)	Vents (FNPT)	Gauge Port (FNPT)	Swing Arm	Max. Flow (gpm)	Max. Flow (lpm)	Max. Flow (m^3/hr)
HSBJ40	HydroScientific™ SB 40 Jumbo Filter Housing, ML, EP	2″ FNPT	1″	1/4″	-	-	50	189	12
HSBJ90	HydroScientific™ SB 90 Jumbo Filter Housing, ML, EP	2″ FNPT	1″	1/4″	-	-	100	378	24
HSBJ170	HydroScientific™ SB 170 Jumbo Filter Housing, ML, EP	2″ FNPT	1″	1/4″	-	-	150	568	36
HSBJ170SB-3	HydroScientific™ SB 3 x 170 Jumbo Filter Housing, ML, EP	4″ FL	1½″	1/2″	1/2″	-	450	1703	102
HSBJ170SB-4	HydroScientific™ SB 4 x 170 Jumbo Filter Housing, ML, EP	6″ FL	1½″	1/2″	1/2″	-	600	2271	144
HSBJ170SB-5	HydroScientific™ SB 5 x 170 Jumbo Filter Housing, ML, EP	6″ FL	1½″	1/2″	1/2″	-	750	2839	170
HSBJ170SB-8	HydroScientific™ SB 8 x 170 Jumbo Filter Housing, ML, EP	6″ FL	1½″	1/2″	1/2″	-	1200	4542	272
HSBJ170SB-12	HydroScientific™ SB 12 x 170 Jumbo Filter Housing, ML, GB	12″ FL	1½″	1/2″	1/2″	✓	1800	6814	432
HSBJ170SB-16	HydroScientific™ SB 16 x 170 Jumbo Filter Housing, ML, GB	12″ FL	2″	1/2″	1/2″	✓	2400	9085	576

HSBJ SERIES - 316SS SWING BOLT JUMBO FILTER HOUSING SPECIFICATIONS

Part Number	Description	Ports (In/Out)	Drains (FNPT)	Vents (FNPT)	Gauge Port (FNPT)	Swing Arm	Max. Flow (gpm)	Max. Flow (lpm)	Max. Flow (m^3/hr)
HSBJ40-316	HydroScientific™ SB 40 Jumbo Filter Housing, ML, EP	2″ FNPT	1″	1/4″	-	-	50	189	12
HSBJ90-316	HydroScientific™ SB 90 Jumbo Filter Housing, ML, EP	2″ FNPT	1″	1/4″	-	-	100	378	24
HSBJ170-316	HydroScientific™ SB 170 Jumbo Filter Housing, ML, EP	2″ FNPT	1″	1/4″	-	-	150	568	36
HSBJ170SB-3-316	HydroScientific™ SB 3 x 170 Jumbo Filter Housing, ML, EP	4″ FL	1½″	1/2″	1/2″	-	450	1703	102
HSBJ170SB-4-316	HydroScientific™ SB 4 x 170 Jumbo Filter Housing, ML, EP	6″ FL	1½″	1/2″	1/2″	-	600	2271	144
HSBJ170SB-5-316	HydroScientific™ SB 5 x 170 Jumbo Filter Housing, ML, EP	6″ FL	1½″	1/2″	1/2″	-	750	2839	170
HSBJ170SB-8-316	HydroScientific™ SB 8 x 170 Jumbo Filter Housing, ML, EP	6″ FL	1½″	1/2″	1/2″	-	1200	4542	272
HSBJ170SB-12-316	HydroScientific™ SB 12 x 170 Jumbo Filter Housing, ML, GB	12″ FL	1½″	1/2″	1/2″	✓	1800	6814	432
HSBJ170SB-16-316	HydroScientific™ SB 16 x 170 Jumbo Filter Housing, ML, GB	12″ FL	2″	1/2″	1/2″	✓	2400	9085	576

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

HSBJ SERIES

Swing Bolt Jumbo Filter Housings
Data Sheet

APPLICATIONS

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

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

MATERIALS OF CONSTRUCTION

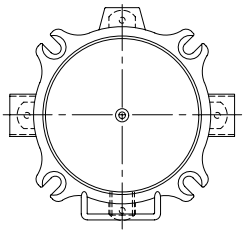
Housing Shell:	304 or 316 stainless steel
Lid Closure:	Zinc Plated Steel
Vent and Drain Plugs:	304 or 316 stainless steel
Heavy Duty Mounting Legs:	304 or 316 stainless steel
O-Ring / Gasket:	EPDM - FDA Grade (Viton, Silicone and EPR Options)

OPERATIONAL DATA

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

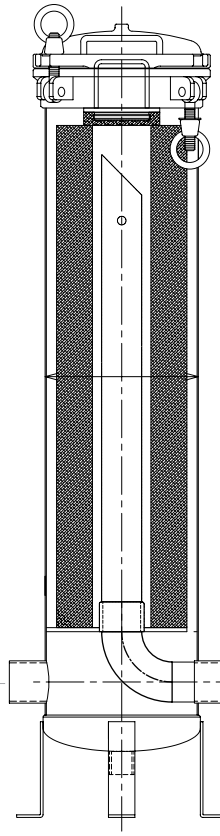
For the complete list of our NSF Certified products, please visit the Hydronix Water Technology page on the official NSF website: www.nsf.org

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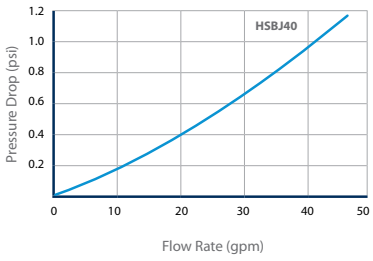




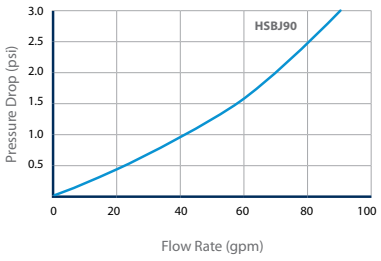




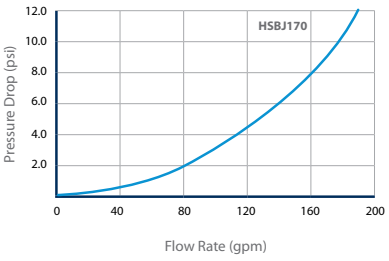
PRESSURE DROP



PRESSURE DROP



PRESSURE DROP



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