

## PENTEK® ST-BC STAINLESS STEEL SERIES FILTER HOUSINGS

IDEAL FOR HIGH-TEMPERATURE APPLICATIONS REQUIRED FOR HEAVY DUTY FILTRATION NEEDS



Pentair® Pentek® ST-BC Series Stainless Steel Filter Housings offer a variety of solutions for your large-scale, heavy duty filtration needs. Simple to install and maintain, these housings are ideal for schools, restaurants, farms, institutions and industrial use. Holding from 4 to 20 cartridges, ST-BC Series Housings provide flow rates from 28-125 gpm (106-473 Lpm).

Housings are constructed of 304 stainless steel with a gray-silver epoxy finish. They include drains on both the “clean” and “dirty” sides of the sump.

ST-BC Series Housings are compatible with a complete range of filter cartridges, adding to their versatility.

### FEATURES/BENEFITS

Heavy duty units for large scale commercial/industrial applications

Ideal for high-temperature applications

Brushed 304 stainless steel construction with a gray-silver epoxy finish

Accepts complete range of standard double open end (DOE) cartridges

### SPECIFICATIONS

Housing – Brushed 304 stainless steel

Maximum Pressure – 125 psi (8.6 bar)

Exterior finish – Epoxy

Pipe Size – 2" NPT

Temperature Rating – 40-300°F (4.4-149°C)

Sealing Gasket – Buna-N®

## SPECIFICATIONS AND PERFORMANCE

PART	DESCRIPTION	RECOMMENDED* FLOW RATES	DIMENSIONS HEIGHT X O.A. DIA	MAX. CARTRIDGE DIAMETER	MAXIMUM CARTRIDGES LENGTH
156025-02	ST-BC-4 (Holds 4-10" Cartridges)**	28 gpm (106 Lpm)	19.25" x 10" (489 mm x 254 mm)	3" (76 mm)	9.75" or 10" (248 mm or 254 mm)
156026-02	ST-BC-8 (Holds 8-10" or 4-20" Cartridges)**	56 gpm (212 Lpm)	29" x 10" (737 mm x 254 mm)	3" (76 mm)	9.75" or 10" (248 mm or 254 mm)
156027-02	ST-BC-12 (Holds 12-10" or 4-30" Cartridges)**	84 gpm (318 Lpm)	39.75" x 10" (1,010 mm x 254 mm)	3" (76 mm)	9.75" or 10" (248 mm or 254 mm)
156028-02	ST-BC-16 (Holds 16-10" or 4-40" Cartridges)**	110 gpm (416 Lpm)	49.75" x 10" (1,264 mm x 254 mm)	3" (76 mm)	9.75" or 10" (248 mm or 254 mm)
156032-02	ST-BC-20 (Holds 20-10" or 5-40" Cartridges)**	125 gpm (473 Lpm)	49.75" x 10" (1,264 mm x 254 mm)	2-1/2" (64 mm)	9.75" or 10" (248 mm or 254 mm)

\*Based on sediment removal with a 25-micron filter cartridge and 1 PSIG initial clean pressure drop.

\*\*Number of cartridges refers to the number of 9.75" (248 mm) or 10" (254 mm) cartridges which are configured around the housing times the number of cartridges that may be stacked.

NOTES: Maximum cartridge diameter 3" (76 mm). Not recommended for applications with TDS or Chlorides >1000 ppm and/or pH <5.0. Use of this product in these conditions will void the limited warranty. Consult factory for product modifications for these conditions.

CAUTION: Protect against freezing to prevent cracking of the filter and water leakage.

WARNING: If pressure exceeds 125 psi (8.62 bar) at any time, a pressure regulator must be used. Do not use water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

## ACCESSORIES

PART #	DESCRIPTION
143218	Gasket for STBC Series
243316	ST-BC Gasket, Silicone
243317	ST-BC Gasket, Teflon®
243318	ST-BC Gasket, Viton®
243319	ST-BC 1/4" Vent Plug
243320	ST-BC 1/2" Drain Plug
243321	ST-BC-4 Center Rod
243322	ST-BC-8 Center Rod
243323	ST-BC-12 Center Rod
243324	ST-BC-16 Center Rod
243325	ST-BC-20 Center Rod
143221	ST-BC /Cover Clamp
243326	ST-BC Head
243327	ST-BC Top Plate, 4-Stack
243328	ST-BC-20 Top Plate, 5-Stack
243329	ST-BC Top Plate Bushing
243330	ST-BC 3/8" Plate Knob 4-Stack
243331	ST-BC-20 1/2" Plate Knob
243332	ST-BC Top Plate Retaining Ring
243333	ST-BC T-bolt W/handle for Clamp
243334	ST-BC-4 Cartridge V-Post
243335	ST-BC 8 Cartridge V-Post
243336	ST-BC-12 & 16 Cartridge V-Post
243337	ST-BC-20 Cartridge V-Post



### FILTRATION & PROCESS

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