SPH Series
Plastic Filter Housings

SHELCO FILTERS

- Economical alternative to metal filter housings in low pressure and cold water applications
- Rugged design provides trouble-free service
- Ideal for corrosive or sensitive fluids
- Holds 10 and 20 inch length cartridges with DOE or internal o-ring end cap configurations
- Holds standard 2 ½" and large 4½" diameter cartridges.
- High temperature housings made of reinforced Nylon for use up to 200˚F (93˚C)
- Meets FDA requirements for potable water and food and beverage applications.
- Optional mounting bracket available for easy installation

Applications

Water	Chemicals
Food & Beverage	Electronics
DI Water	Inks / Paints / Coatings
Coolants	Pulp & Paper

Specifications & Operating Parameters

Maximum Operating Pressure
125 psig (8.75 bar) @ 125°F (93°C)

Minimum / Maximum Temperature
40°F (°C) / 125°F (93°C)

Connections
Inlet /Outlet:

　　　　Standard: 1/2" or 3/4" FNPT

　　　　Heavy Duty (BB): 1" or 1 1/2" FNPT

Materials of Construction
Head: FDA grade Polypropylene
Clear Sump: Styrean-Acrylonitritle
Opaque Sump: Polypropylene

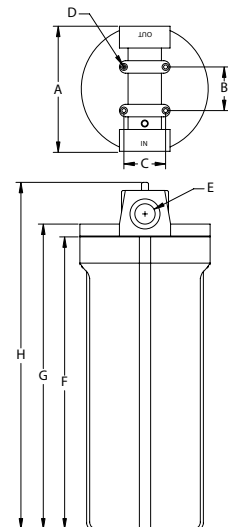### Gaskets
Standard　　　EPR
Optional　　　Viton

Options
Mounting Bracket Kits
(See ordering guide for details)

Dimensions

MODEL	A	B	C	D	E	F
SPH__5	4.28" (10.9 cm)	1.57" (4.0 cm)	1.18" (3.0 cm)	0.16" (.40 cm)	7.5" (19.0 cm)	5.7" (14.5 cm)
SPH__10	4.72" (12.0 cm)	1.57" (4.0 cm)	1.18" (3.0 cm)	0.16" (.40 cm)	10.5" (26.7 cm)	11.8" (30.0 cm)
SPH__20	4.72" (12.0 cm)	1.57" (4.0 cm)	1.18" (3.0 cm)	0.16" (.40 cm)	20.47" (52.0 cm)	22.8" (57.9 cm)
SPH__10C	5.35" (13.6 cm)	2.22" (5.6 cm)	2.28" (5.8 cm)	0.23" (0.58 cm)	10.4" (26.5 cm)	12.5" (31.8 cm)
SPH__20C	5.35" (13.6 cm)	2.22" (5.6 cm)	2.28" (5.8 cm)	0.23" (0.58 cm)	20.47" (52.0 cm)	22.8" (57.9 cm)
SPH__10BB	7.28" (18.5 cm)	3.03" (7.7 cm)	3.03" (7.7 cm)	0.275" (0.70 cm)	11.33" (28.8 cm)	14.0" (35.6 cm)
SPH__20BB	7.28" (18.5 cm)	3.03" (7.7 cm)	3.03" (7.7 cm)	0.275" (0.70 cm)	21.25" (54.0 cm)	24.0" (61.0 cm)
SPH__10HT	5.35" (13.6 cm)	2.22" (5.6 cm)	2.28" (5.8 cm)	0.23" (0.58 cm)	10.4" (26.5 cm)	12.5" (31.8 cm)
SPH__20HT	5.35" (13.6 cm)	2.22" (5.6 cm)	2.28" (5.8 cm)	0.23" (0.58 cm)	20.47" (52.0 cm)	22.8" (57.9 cm)

Models

MODEL	COLORS (HEAD/SUMP) FEATURES	CARTRIDGE LENGTH	CONNECTION	GASKET	OPTIONAL MOUNTING KIT
Standard Residential SPHWW-5-12 SPHWC-5-12 SPHKB-10-34 SPHKB-20-34	WW = White/White WC = White/Clear KB = Black/Blue	5 = 4 7/8" 10 = 9 7/8" 20 = 20"	12 = ½" 34 = ¾"	- E = EPR (Standard) V = Viton	- BK1
Commercial SPHKB-10-34C SPHKB-20-34C SPHKC-10-34C SPHKC-20-34C-PR	KB = Black/Blue KC = Black/Clear PR = Pressure Release Valve	10 = 9 7/8" 20 = 20	12 = ½" 34 = ¾"	E = EPR (Standard) V = Viton	BK2
Big Blue SPHKB-10-1BB SPHKB-20-1BB SPHKC-10-15BB SPHKC-20-15BB	KB = Black/Blue KC = Black/Clear	10 = 9 7/8" 20 = 20"	1 = 1" 15 = 1½"	E = EPR (Standard) V = Viton	BK3
Valve-in-Head SPHWW-10-34VH SPHWC-10-34VH	WW = White/White WC = White/Clear	10*	1 = 1" 15 = 1½"	E = EPR (Standard) V = Viton	Not Available
High Temperature SPHRR-10-34HT SPHRR-10-34HT	RR = Red/Red	10*	34 = ¾"	E = EPR (Standard) V = Viton	BK2

Filter Housings

Shelco manufactures a full line of filter housings. From our rugged single cartridge housings to our heavy duty multi-cartridge housings and bag filter housings, Shelco is the perfect choice for your filtration solutions.

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Manufacturer reserves the right to make changes without notice.