



EMAIL: FILTRATION@JOHNBROOKS.CA

HSC Series Filter Housings

Single Cartridge Filter Series



Product Specifications

Materials:

316 Stainless Steel

Surface Finish:

External Surfaces:

Mechanically Polished

Internal Surfaces:

Acid Washed (Pickled)

Operating Parameters

Maximum operating pressure:

Design pressures limits of 140 PSIG
(9.8 bar) @ 212°F (100°C)

Recommended operating pressure:

Limits of 100 PSIG (6.8 bar)
@ 165°F (74°C)

Other Details

- Economical design accommodates cartridges up to 2.75" OD
- 1/4" ports in the head and sump to allow alternate installation positions for draining/venting
- Models available for DOE, 222 and 226 cartridge connections
- Center Rod with top seal nut in DOE creates an ideal seal to accommodate industry cartridge length variations

The HSC Series filter housings are constructed of 316 Stainless Steel and constructed of 316 stainless steel with a clamp closure to service a wide range of general purpose filter applications. The design allows for full sump drainage and is available to accommodate a range of cartridge configurations.

FEATURES & BENEFITS

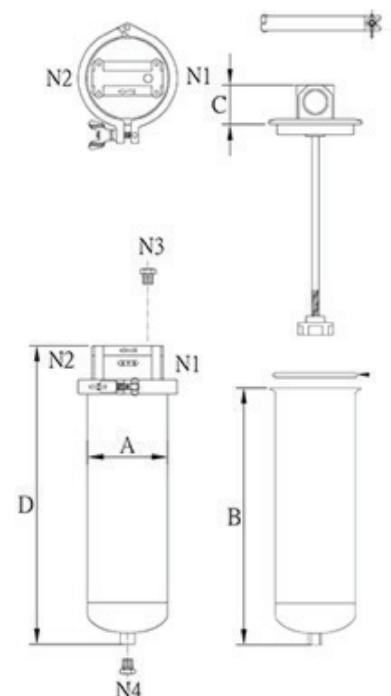
- Single shell construction for quick spill-free cartridge replacement
- In-line 3/4" and 1" inlet/outlet connections for ease of installation
- Drains/Vent built in
- Flow rates of up to 7 GPM (26.5 lpm) per 10" filter cartridge
- Housing pressure drop is 0.6 PSID at 7 GPM (40mbar @ 26.5 lpm)
- Mounting bracket available

TYPICAL APPLICATIONS

- Process Water
- Petrochemicals
- Coolants
- Paints/Inks
- Hydraulic fluids
- Solvents
- Plating solutions



HSC DIMENSIONAL DRAWING



HSC SERIES HOUSING NOMENCLATURE INFORMATION

Model	Cartridge Length	Inlet / Outlet Size (inches)	Inlet/Outlet Type	Cartridge Type	Gasket
HSC	10 10"	-075 0.75"	-A 150# Flange	-0 DOE	-B Buna-N
	20 20"	-100 1.0"	-B BSPF	-3 222	-E EPDM
	30 30"		-N NPTF	-7 226	-S Silicone
	40 40"				-T Teflon (Silicone) -V Viton
Example: HSC10-075-N-0-B					
HSC	10	-075	-N	-0	-B

HSC DIMENSIONAL DATA

Model	A	B	C	D	Weight
HSC10	4.2" (106 mm)	13.4" (340 mm)	2.1" (52 mm)	16.4" (422 mm)	8.8 lb (4 kg)
HSC20	4.2" (106 mm)	23.2" (590 mm)	2.1" (52 mm)	26.5" (672 mm)	12.1 lb (5.5 kg)
HSC30	4.2" (106 mm)	33.1" (840 mm)	2.1" (52 mm)	36.3" (922 mm)	15.4 lb (7.0 kg)
HSC40	4.2" (106 mm)	42.9" (1090 mm)	2.1" (52 mm)	46.1" (1172 mm)	18.7 lb (8.5 kg)



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