

HF45SS SERIES

4.5" Stainless Steel Single Element Filter Housings Data Sheet

- Spring loaded Knife Edge Seal.
- Commercial and Industrial Filter Application.
- Ring Nut Closure for Quick Cartridge Change Outs.
- High Temperature and High-Pressure Applications.
- Heavy Duty 304 or 316 Stainless Steel Construction.
- Accepts 4 1/2" diameter (Big Blue style) Double Open-End (DOE) cartridges.
- 1/4" FNPT Drain Port Standard.

HYDROSCIENTIFIC[™] HF45SS SERIES STAINLESS STEEL SINGLE CARTRIDGE HOUSINGS

are ideal for commercial and industrial filter application. Made with Heavy duty 304 or 316 stainless steel construction for maximum durability, HF45SS Series housings accept 4 1/2" diameter (Big Blue style) Double Open-End (DOE) cartridges. Designed for high temperature and high-pressure applications, the HF45SS series housings ring nut closure provides quick cartridge change outs.

HYDROSCIENTIFIC[™] HF45SS SERIES STAINLESS STEEL SINGLE CARTRIDGE HOUSINGS incorporate a spring-loaded knife edge seal into the housings, this provides positive

sealing for variable length cartridges. Numerous gasket options are available for compatibility with most fluids.

HF45SS SERIES - 304 SS SINGLE CARTRIDGE HOUSINGS SPECIFICATIONS						
Part Number	Description	Ports (In/Out)	Drains			
HF4510SS-10	HydroScientific™ 10″ Single Filter Housing, accepts 4.5″ x 10″ Filter Cartridge	1" FNPT	1/4" FNPT			
HF4520SS-10	HydroScientific™ 20″ Single Filter Housing, accepts 4.5″ x 20″ Filter Cartridge	1" FNPT	1/4" FNPT			

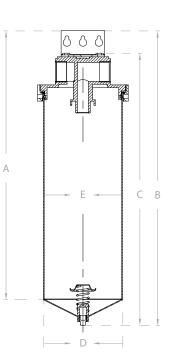
HF45SS SERIES - 316 SS SINGLE CARTRIDGE HOUSINGS SPECIFICATIONS						
Part Number	Description	Ports (In/Out)	Drains			
HF4510SS-10-316	HydroScientific™ 10″ Single Filter Housing, accepts 4.5″ x 10″ Filter Cartridge	1" FNPT	1/4" FNPT			
HF4520SS-10-316 HydroScientific™ 20" Single Filter Housing, accepts 4.5" x 20" Filter Cartridge		1" FNPT	1/4″ FNPT			

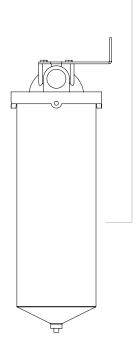
HF45SS SERIES

4.5" Stainless Steel Single Element Filter Housings Data Sheet

APPLICATIONS

- Chemicals
- Electronics
- Wastewater
- Potable Water
- Food & Beverage
- RO Prefiltration
- Plating Solutions
 Coolants / Inks /
- Paints / Coatings
- Photographic Solutions





MATERIALS OF CONSTRUCTION

Body: Head: O-Ring: 304 or 316 Stainless Steel 304 or 316 Stainless Steel EPDM



OPERATIONAL DATA

Max. Working Pressure:

Max. Operating Temperature:

Drain: Inlet: Outlet: 1/4″ FNPT 1″ FNPT 1″ FNPT

> 300 psi (20.68 bar) 200 °F (93 °C)



HF45SS SERIES DIMENSIONS

MODEL	A Length	B Length	C Length	D OD Diameter	E ID Diameter
10″	13.58″	18.62″	16.97″	4.89″	4.82"
20″	23.58″	28.62″	26.97″	4.89″	4.82″

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