

- High Flow Rates.
- All polypropylene construction.
- 0.5, 1, 5, 10, 20, 50, and 70 Nominal Micron Ratings.
- 98% retention ratings from .5 to 70 microns.
- Handle provides fast and easy push / pull installation.
- O-ring seal eliminates bypass.
- Inside out flow retains contaminant during change out.
- High flow and long service life.
- Thermally bonded filter structure.
- NSF Standard 61 Approved Material.
- FDA / USP Material Safety Compliance - All materials comply with FDA requirements for food and beverage contact per CFR Title 21 174.5, 177.1520 and 177.1630. All components meet USP Class VI Plastics.



### HYDROSCIENTIFIC™ HHFEC HIGH FLOW CARTRIDGES

are highly efficient and easy to use cartridges designed for residential, commercial and light industrial filtration applications. Their rigid outer cage replaces costly bag filter baskets and provide an easy to use push/pull application.

### HYDROSCIENTIFIC™ HHFEC HIGH FLOW CARTRIDGES

deliver high flow capability while reducing filter change-outs due to their high dirt holding capacity and increased particle removal. HHFEC Series Cartridges are designed for high flow and long service life. Available in a wide range of sizes and micron ratings.

HHFEC SERIES - HIGH FLOW CARTRIDGE SPECIFICATIONS								
Part Number	Description	Material	Nominal Micron Rating (μ)	Max. Flow Rate (gpm)	Max. Flow Rate (lpm)	Max. Flow Rate (m <sup>3</sup> /hr)	Box Dimension (Inches)	Box Qty (pcs)
HHFEC-0.5	HydroScientific™ High Flow, 23"	PP	0.5	60	227.2	13.63	7" x 7" x 24"	1
HHFEC-1	HydroScientific™ High Flow, 23"	PP	1	80	302.8	18.17	7" x 7" x 24"	1
HHFEC-5	HydroScientific™ High Flow, 23"	PP	5	120	454.2	27.25	7" x 7" x 24"	1
HHFEC-10	HydroScientific™ High Flow, 23"	PP	10	150	567.8	34.07	7" x 7" x 24"	1
HHFEC-20	HydroScientific™ High Flow, 23"	PP	20	150	567.8	34.07	7" x 7" x 24"	1
HHFEC-50	HydroScientific™ High Flow, 23"	PP	50	150	567.8	34.07	7" x 7" x 24"	1
HHFEC-70	HydroScientific™ High Flow, 23"	PP	70	150	567.8	34.07	7" x 7" x 24"	1

PP = POLYPROPYLENE

# HHFEC SERIES

High Flow Filter Cartridges  
Data Sheet

## APPLICATIONS

- RO Systems
- Water
- Coolants
- Food & Beverage
- Wastewater
- Sea Water
- Desalination
- Chemicals
- Electronics
- Power

## FEATURES

- High Flow Rates.
- All polypropylene construction.
- 0.5, 1, 5, 10, 20, 50, and 70 Nominal Micron Ratings.
- 98% retention ratings from .5 to 70 microns.
- Handle provides fast and easy push / pull installation.
- O-ring seal on cartridge eliminates bypass.
- Inside out flow retains contaminant during change out.
- Pleated media designed for high flow and long service life.
- Thermally bonded filter structure.
- NSF Standard 61 Approved Material.
- FDA / USP Material Safety Compliance - All materials comply with FDA requirements for food and beverage contact per CFR Title 21 174.5, 177.1520 and 177.1630. All components meet USP Class VI Plastics.

## MATERIALS OF CONSTRUCTION

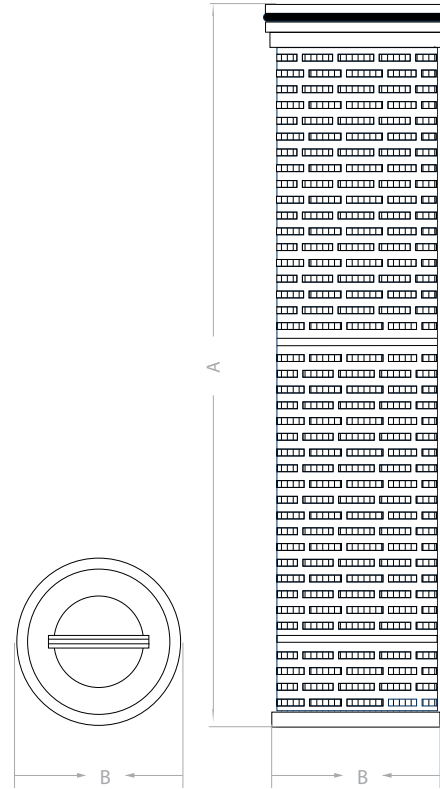
Filter Media:	Polypropylene
End Caps:	Polypropylene
Body:	Polypropylene
Gaskets:	EPDM standard*

## RECOMMENDED CHANGEOUT

Differential Pressure:	15 psid (1.0 bar)
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## OPERATIONAL DATA

Max. Operating Temperature:	140°F @ 20 psi** (60°C @ 1.4 bar)
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## HHFEC SERIES DIMENSIONS

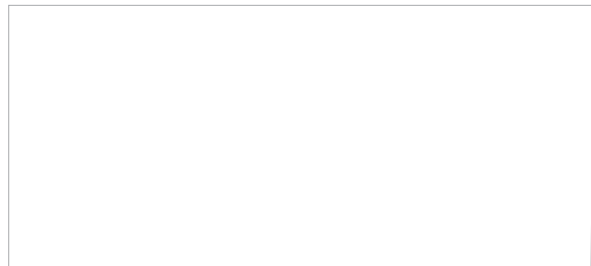
MODEL	A Length	B OD Diameter
HHFEC-23	23"	6"

\* Buna-N, Viton, Silicone available upon request.

\*\* Temperature limits vary and depend on pressure and time under load.

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