

HCP Filter Housing Series

Made of High-Purity Resin



HCP Filter Housings are available in filtration media of PP, PVDF, or PFA. PP Filter Housings are suitable to filter water and regular chemicals and while PVDF Filter Housings are suitable to filter most chemicals. PFA Filter Housings are suitable to filter all chemicals hence it provides excellent temperature resistance and lower extractable; therefore is strongly recommended for the filtration of chemicals in FPD and semiconductor industries.

30 HCP Filter Housings are specially designed for high flow filtration during high generation production line processes. High-purity polypropylene media provides low extractable and wide chemical compatibility. The compact design makes the HCP fit all equipment in the production line.

Excellent Chemical Compatibility

PP, PVDF, and PFA construction provide excellent chemical compatibility and better stability when compared to PVC filter housings to meet various filtration requirements.

Low Liquid Hold-Up

Upstream and downstream vent design ensures low liquid hold-up.

Various Options for Flow Rates

Fitted with $\Phi 68$ and $\Phi 83$ filter cartridges depending on different flow rate requirements. 130 HCP is specially designed for high flow rates filtration.

Low Extractable

No chemicals or colorants are released during the filtration process thus limiting iron extraction.

Operating Conditions

Max. Operating Temperature	30°C (MABS housing)	Housing Bowl	PP/PVDF/MABS/PFA
	40°C (PP/PVDF housing)	Housing Head	PP/PVDF/PFA
	100°C (PFA housing)	Locking Ring	PP
Max. Differential Pressure	MABS housing	Connector	PVC/PP/PFA
	0.4 Mpa @20°C (Static)	O-ring	EPDM / FFKM
	0.3 MPa @30°C(Static)	Plug	PP / PFA
	PP/PVDF housing		
	0.6 Mpa@25°C (Static)		
	0.4 MPa @40°C(Static)		

Operating Specifications

	Inlet / Outlet	Filter Connector	Drain / Vent
83 Plastic housing	1-1/2" UN	226 connector	
	1"UN	226 connector	
	DIN25	222 connector	1/4" RC
	3/4"NPT	222 connector	
	1" NPT	222 connector	
130 Plastic housing	40A	334 connector	1/2" RC
	50A	334 connector	

Ordering Information

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	50A	334 connector	1/2" RC