

Series HF

Horizontal Centrifugal Pump Filter System



Features:

- Corrosion Resistant
- No Metal Contact
- CPVC Construction
- High Temperature Operation
- Option Double Mechanical Seal with Water Flush
- Flows to 10,800 GPH

Recommended Applications:

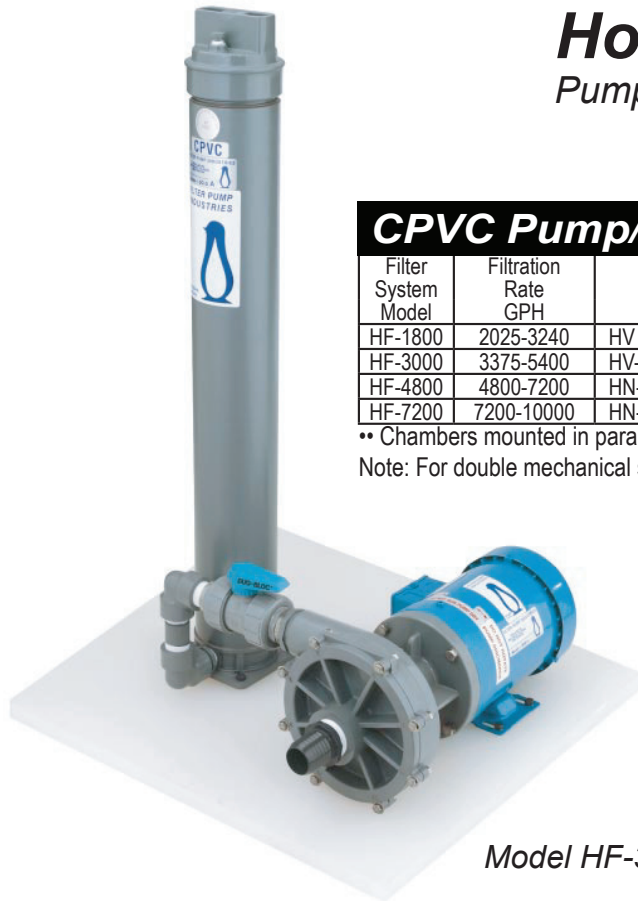
- Acid and Alkaline Solutions
- Plating Solutions 180°F max.
- Photographic Solutions

Model HF-7200

Penguin Series HF filter systems are constructed of high temperature CPVC with viton elastomers, thus excellent for most corrosive chemicals and capable of pumping solutions to 180°F max. Equipped with the Penguin Series HV horizontal volute pump, or on larger systems the Series HN centrifugal pump and the rugged Penguin CPVC filter chamber, HF filter systems are designed for continuous high temperature operation. When the optional double mechanical seal with the water flush is incorporated onto the pump, the HF system provides excellent filtration for electroless nickel and copper solutions to 180°F max. These systems also are recommended for acid and alkaline solutions. The larger HF filter systems provide a high volume, high pressure filter system to which casters can be added for portability. Penguin HF filter systems are easy to clean and simple for filter cartridge replacement. The easy grip handles require no tools to release the filter chamber head.

Series HF

Horizontal Centrifugal Pump Filter System



CPVC Pump/ CPVC Dual Filter Chamber

Filter System Model	Filtration Rate GPH	Pump Model	Chamber Model	Number of Filter Tubes and Length	Dimensions Pump & Chamber			
					Ht	Wth	Lth	Wt
HF-1800	2025-3240	HV 1 1/2NV	2-6C-9A **	6-30"	51	20	33	160
HF-3000	3375-5400	HV-2NV	2-8C-15A **	10-30"	52	22	35	175
HF-4800	4800-7200	HN-5S	2-12C-24A **	24-20"	42	26	48	360
HF-7200	7200-10000	HN-7 1/2S	2-12C-36A **	24-30"	52			450

** Chambers mounted in parallel on common polypropylene base, piped and individually valved.

Note: For double mechanical seal, add "D" to model number

Model HF-300L

CPVC Pump/ CPVC Filter Chamber

Filter System Model	Filtration Rate GPH	Pump Model	Chamber Model	Number of Filter Tubes and Length	Dimensions Pump & Chamber			
					Ht	Wth	Lth	Wt
HF-200 *	300-570	HV-1/2NV	4C-2A	1-20"	28	10	14	43
HF-300L *	450-720		3C-3A	1-30"	36			47
HF-300	450-810		6C-3A	3-10"	31	18	21	75
HF-500	750-1350		8C-5A	5-10"	32	20		89
HF-600	900-1450		6C-6A	3-20"	41	18	31	113
HF-900	1350-2160	HV-3/4NV	6C-9A	3-30"	51		21	122
HF-1000	1500-2400	HV-1NV	8C-10A	5-20"	42	20		118
HF-1200	1800-2880		12C-12A	12-10"	32	24	24	144
HF-1500	2250-3600	HV 1 1/2NV	8C-15A	5-30"	52	20	21	127
HF-2400	3400-5000	HN-2NV	12C-24A	12-20"	42	24	24	175
HF-3600	4300-6500	HN-3SV	12C-36A	12-30"	52			240

* No solid plumbing or drain valves

Note: For double mechanical seal, add "D" to model number