

HF5 All Poly Series

All Natural Polypropylene Commercial Filter Housings

- ✓ Pure Polypropylene. No fillers, No Colorants, No Lubricants
- ✓ Ideal for high purity and critical control processes
- ✓ Chemical resistance for a wide range of chemicals



HYDRONIX HF5 ALL NATURAL POLY SERIES COMMERCIAL FILTER HOUSINGS

Are high durability all polypropylene commercial housings for 10" and 20" cartridges. They offer excellent resistance to a wide range of chemicals and offer a convenient 3/4" NPT Inlet and Outlet.

HYDRONIX HF5 ALL NATURAL POLY SERIES COMMERCIAL FILTER HOUSINGS

Provide exceptional performance and are ideal for use when a high standard of purity and performance are required in critical control processes.

Features

- FKM O-Rings Provide Dependable Sealing
- No Fillers, Colorants, Plasticizers or Lubricants
- Resists Di Water and Other Inorganic Solutions
- Surfaces Prevent Biological Build-Up

Operating Data

Maximum Temp: 40°-100° F (4.4-57.8° C)
Maximum Pressure: 100 psi (6.89 bar)

Materials of Construction

Filter Media: All Natural Polypropylene
Cap: All Natural Polypropylene
O-Ring: FKM

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

HF5 ALL POLY SERIES SPECIFICATIONS						
	Part Number	Description	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10" 3/4" PORT	HF5PP-10AN34	HYDRONIX HF5 SERIES 10" BODY, 3/4" RIB CAP, ALL NATURAL W/ FKM ORING	12	17 x 22 x 13	38	17.24
20" 3/4" PORT	HF5PP-20AN34	HYDRONIX HF5 SERIES 20" BODY, 3/4" RIB CAP, ALL NATURAL W/ FKM ORING	8	12 x 22 x 24	38	17.24
O-Ring	HF5PP-ORING	HYDRONIX FKM ORING FOR HF5 ALL NATURAL FILTER HOUSINGS	-	-	-	-

HF5 ALL POLY SERIES

All Natural Polypropylene
Commercial Filter Housings
Data Sheet

CHEMICAL COMPATIBILITY CHART

PROCESSING MATERIALS	ALL POLY		FKM
	68°F (20°C)	140°F (60°C)	
Acetic Acid 99.7% (135°F/51.7°C Max)	R	C	NR
Acetic Acid 50%	R	R	R
Acetone 99.5%	R	R	NR
Ammonium Fluoride 40%	R	R	R
Ammonium Hydroxide 10%	R	R	R
Hydrochloric Acid 37%	R	R	R
Hydrofluoric Acid 49%, 52%	R	R	R
Hydrogen Peroxide 50%	R	C	R
Methanol 99.9% (140°F/60°C Max)	R	R	NR
Methyl Ethyl Ketone	R	NR	NR
N-Butyl Acetate 99.0%	NR	C	NR
Nitric Acid 60%	R	NR	R
Phosphoric Acid 86%	R	NR	R
Potassium Hydroxide 45%	R	R	NR
2-Propanol 99.5%	R	R	R
Sodium Hydroxide 50%	R	R	R
Sulfuric Acid 90%	R	R	R
Tetrachloroethylene 99.0%	NR	NR	R
Water-Deionized	R	R	R

R = Resistant C = Conditionally Resistant NR = Non-Resistant

Model # Guide

Filter Housing
HF5PP

Body Cart Length
- 10

Cap Color
AN

34

Housing Style

Body Color

Connection Type

LEGEND

Housing Style:	5 = Commercial	Cap Color:	AN - ALL NATURAL POLYPROPYLENE
Body/Cartridge Length:	10 = 10" 20 = 20"		
Body Color:	AN - ALL NATURAL POLYPROPYLENE	Connection Type:	34 = 3/4"

Installation Guidelines

WARNING: READ THESE INSTRUCTIONS BEFORE CHANGING OR INSTALLING. FOLLOW THESE INSTRUCTIONS TO REDUCE RISK OF DANGER.

Caution: filter housing must be protected against freezing and extreme temperatures. Filter housings should not be in direct contact with sunlight for a prolonged period of time since uv rays can make housings brittle. Pressure should always be measured before installation and water pressure regulators should be installed in the main line or in front of the housing if water pressure exceeds manufacturers' maximum water pressure: 100 psi. Installers should make sure filters and replacement filters are the correct length and are not too long so as to not cause undo strain and stress on the housing. A leak detector must be installed on all installations where high pressure, water hammer and pressure spikes are known or suspected to be present and on all installations where pressure is over 60 psi. Failure to the above may result in cracking of the filter housing, water leakage and water damage.

Caution: all filtration systems contain other parts that have a limited service life. Exhaustion of the service life of those parts often cannot be easily detected. Commonly, it is only after leakage has been observed or water damage has occurred that one is made aware that the service life has been exhausted.

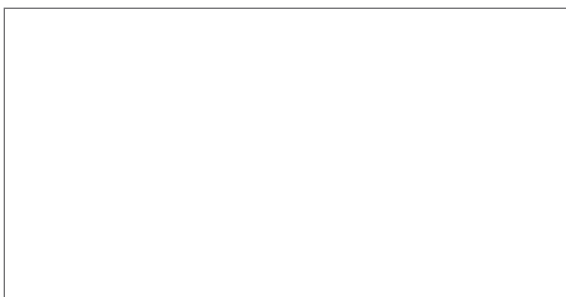
Important notice: to prevent costly repairs or possible water damage we strongly recommend that the bowl or sump of all plastic housings be replaced periodically: every 5 years for clear sumps, and every 4 years for opaque sumps. If your sump has been in use for more than the recommended period, it should be replaced immediately. Be sure to date any new or replacement sump for future reference and indicate the next recommended replacement date.

Warranty: limited three (3) year warranty from the date of sale for material defects only. Warranty is limited to repair or replacement of product only. Any misuse, misinstallation, lack of maintenance, exceeding maximum pressure or failure to follow these instructions will void limited warranty.

DISCLAIMER OF WARRANTIES. Except as expressly warranted in writing by hydronix water technology, the goods sold by hydronix water technology are purchased by the buyer "as is." Hydronix water technology does not warrant that the goods are of merchantable quality or that they can be used for any particular purpose. Except as expressly warranted in writing by hydronix water technology, hydronix water technology makes no representation or warranty of any kind with respect to the products.

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