

HF5HT/ HF45HT Series

High Temperature Filter Housings

- ✓ Wide Range of Industrial Uses
- ✓ 3/4" Commercial Style & 1" Big Body Style available
- ✓ Resistant Glass-Reinforced Nylon



HYDRONIX HT SERIES HIGH TEMPERATURE FILTER HOUSINGS

are available in 10" & 20" Commercial Style and 10" & 20" Big Body Style. They are ideal for high temperature use and applications involving sea water, organic solvents, alcohol and vegetable oils.

HYDRONIX HT SERIES HIGH TEMPERATURE FILTER HOUSINGS

can withstand temperatures up to 165°F and are an economical alternative to Stainless Steel housings.

HF5HT / HF45HT SERIES SPECIFICATIONS			
Part Number	Description	Initial ΔP (PSI) at Flow Rate (gpm)	
HF5HT-10RDRD34	10" Red Body, 3/4" Red Rib Cap	1 PSI at 8 gpm (0.1 Bar at 30 L/min) <i>with cold water</i>	
HF5HT-20RDRD34	20" Red Body, 3/4" Red Rib Cap	1 PSI at 8 gpm (0.1 Bar at 30 L/min) <i>with cold water</i>	
HF45HT-10RDRD10	10" Red 4.5" Body, 1" Black Cap	1 PSI at 15 gpm (0.1 Bar at 57 L/min) <i>with cold water</i>	
HF45HT-20RDRD10	20" Red 4.5" Body, 1" Black Cap	1 PSI at 15 gpm (0.1 Bar at 57 L/min) <i>with cold water</i>	

* DO NOT use with Ketones.

HF5HT / HF45HT SERIES SPECIFICATIONS						
	Part Number	Description	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	HF5HT-10RDRD34	10" Red 2.5" Body, 3/4" Red Rib Cap, High Temp Max 165°F	12	17 x 22 x 13	36	16.33
	HF5HT-20RDRD34	20" Red 2.5" Body, 3/4" Red Rib Cap, High Temp Max 165°F	8	12 x 22 x 24	38	17.24
10"	HF45HT-10RDBK10	10" Red 4.5" Body, 1" Black Cap High Temp Max 165°F	6	16 x 23 x 14	40	18.14
	HF45HT-20RDBK10	20" Red 4.5" Body, 1" Black Cap High Temp Max 165°F	6	16 x 16 x 26	64.5	29.26
	HF45HT-20RDBK15	20" Red 4.5" Body, 1.5" Black Cap High Temp Max 165°F	6	16 x 16 x 26	64.5	29.26
O-Ring	HF5HT-ORING	Hydronix O-ring For HF5HT Housing	-	-	-	-
	HF45HT-ORING	Hydronix O-ring For HF45HT Housing	-	-	-	-

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High Temperature Filter Housings
Data Sheet

Materials of Construction

Housing:	Glass-Reinforced Nylon
Cap:	Glass-Reinforced Nylon
O-Ring:	Viton

Temperature Rating

Max. Temp:	165°F (73.9°C)
Max. Pressure:	125 PSI (8.62 bar)

Applications

- Commercial
- Sea Water
- Organic Solvents
- Industrial
- Alcohol
- Petroleum

Model # Guide

Filter Housing	High Temperature	Bowl/Body Color	Connection Type
HF	5HT	-10RD	RD34
Housing Style	Bowl/Body Length	Cap Color	
LEGEND			
Housing Style:	5 = Commercial 45 = 4.5" Body		
Bowl/Body Cart Length:	10 = 10" 20 = 20"		
Bowl/Body Color:	RD - Red		
Cap Color:	RD - Red BK - Black		
Connection Type:	34 = 3/4" 10 = 1"		

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: 75 psi. Installers should make sure filters and replacement filters are the correct length and are not too long so as to not cause undue 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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