

ALL NATURAL SERIES FILTER HOUSINGS

IDEAL FOR APPLICATIONS WHERE PURITY, QUALITY, FILTRATION AND ECONOMY ARE DESIRED



Pentair All Natural Filter Housings help maintain high standards of purity and performance required in critical contamination control systems and processes. These housings can also be used for a variety of other applications where purity, quality, filtration and economy are required.

All Natural Filter Housings have 3/4" NPT inlet and outlet threads. Some housings are available with plugged 1/4" NPT inlet, outlet and sump ports.

FEATURES/BENEFITS

An economical solution to fluoro-polymer, stainless steel or PTFE housings

Pure polypropylene components – no fillers, colorants, plasticizers or lubricants

Ultra-smooth contact surfaces prevent bacterial adhesion and build-up

Resists DI water and other inorganic solutions

Resists stress cracking

FKM O-rings provide dependable sealing

SPECIFICATIONS

Housing – All natural polypropylene

Cap – All natural polypropylene

O-Ring – FKM

Cap – #241 FKM

Plug O-Ring – #112 FKM

Temperature Rating –
40-100 °F (4.4-37.8° C)

Maximum Pressure –
100 psi (6.9 bar)

SPECIFICATIONS AND PERFORMANCE

PART #	DESCRIPTION	MAXIMUM DIMENSIONS	INITIAL ΔP (PSI) @ FLOW RATE (GPM)
150132*	3/4" #10 Standard w/Mounting Bracket Cap w/Double Cap Plugs	12.06" x 5.07" (306 x 129 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150150*	3/4" #10 Standard w/Mounting Bracket Cap w/o Cap Plugs	12.06" x 5.07" (306 x 129 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150134**	3/4" #12 Standard w/ Mounting Bracket Cap w/222 Cartridge Sealing Cap w/Double Cap Plugs, w/o V-bead w/Drain	15.07" x 5.07" (383 x 129 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150154**	3/4" #12 Standard w/Mounting Bracket Cap w/222 Cartridge Sealing Cap w/o Cap Plugs and w/o V-bead	15.07" x 5.07" (383 x 129 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150135*	3/4" #20 Standard w/Mounting Bracket Cap w/Double Cap Plugs and Sump Drain	22.34" x 5.13" (567 x 130 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150141**	3/4" #20 Standard w/Mounting Bracket Cap w/Extended 222 Cartridge Sealing Cap w/Double Cap Plugs and w/o V-bead	22.34" x 5.13" (567 x 130 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150156*	3/4" #20 Standard w/Mounting Bracket Cap w/o Cap Plugs	22.34" x 5.13" (567 x 130 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150158**	3/4" #20 Standard w/Mounting Bracket Cap w/Extended 222 Cartridge Sealing Cap w/o Cap Plugs and w/o V-bead	22.34" x 5.13" (567 x 130 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150512**	3/4" #12 Standard "White" w/Mounting Bracket Cap w/222 Cartridge Sealing Cap and Double Cap Plugs	15.07" x 5.07" (383 x 129 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150514**	3/4" #20 Standard "White" Mounting Bracket Cap w/222 Cartridge Sealing Cap and Double Cap Plugs	22.34" x 5.13" (567 x 130 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)

*Double open ended. **222 O-ring seating. CAUTION: Protect against freezing to prevent cracking of the filter and water leakage.

CHEMICAL COMPATIBILITY CHART

SEMICONDUCTOR PROCESSING MATERIALS	PURE POLY		PVDF		FKM
	68°F (20°C)	140°F (60°C)	68°F (20°C)	140°F (60°C)	
Acetic Acid 99.7% (135°F/51.7°C Max)	R	C	R	R	NR
Acetic Acid 50%	R	R	R	R	R
Acetone 99.5%	R	R	NR	NR	NR
Ammonium Fluoride 40%	R	R	R	R	R
Ammonium Hydroxide 10%	R	R	R	R	R
Hydrochloric Acid 37%	R	R	R	R	R
Hydrofluoric Acid 49%, 52%	R	R	R	R	R
Hydrogen Peroxide 50%	R	C	R	R	R
Methanol 99.9% (140°F/60°C Max)	R	R	R	R	NR
Methylene Chloride 99.8% (105°F/40.6°C Max)	R	NR	R	NR	R
Methyl Ethyl Ketone	R	C	NR	NR	NR
N-Butyl Acetate 99.0%	NR	NR	C	NR	NR
Nitric Acid 60%	R	NR	R	C	R
Phosphoric Acid 86%	R	R	R	R	R
Potassium Hydroxide 45%	R	R	R	R	NR
2-Propanol 99.5%	R	R	R	C	R
Sodium Hydroxide 50%	R	R	R	R	R
Sulfuric Acid 90%	R	R	R	R	R
Tetrachloroethylene 99.0%	NR	NR	R	R	R
Water-Deionized	R	R	R	R	R

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

ACCESSORIES

PART #	DESCRIPTION
157209	All Natural Sump Extension Adapter for #12
144457	All Natural Vent/Drain Plug Kit (Included Plug & O-ring)
150295	SW-2 Wrench for Standard
155003	Cartridge Coupler for Standard Cartridges
151117	Silicon #241 O-ring
150578	MC-1A Kit - Zinc Plated Bracket for Standard
244043	MC-1A - Zinc Plated Bracket ONLY for Standard

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Wrentham, MA
774-847-9540

sales@eastcoastfilter.com



13845 BISHOPS DR., SUITE 200, BROOKFIELD, WI 53005 USA

P: 262.238.4400 | WATERPURIFICATION.PENTAIR.COM | CUSTOMER CARE: 800.279.9404 | tech-support

@pentair.com

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