

TECHNICAL SHEET

**ALL NATURAL HOUSINGS
FILTER HOUSINGS**



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PENTAIR ALL NATURAL HOUSINGS

TECHNICAL CHARACTERISTICS

- Types of cartridges:
 - #10: DOE (double open end)
 - #12: 222 o-ring sealing
 - #20: DOE and 222 o-ring sealing
- Maximum temperature: 37.8°C
- Maximum pressure: 6.9 bar
- Housing: all natural polypropylene
- Cap: all natural polypropylene
- O-Ring: Viton



PERFORMANCE CHARACTERISTICS

Model	Initial ΔP @ flow rate
#10	0.07 bar @ 38 Lpm
#12	0.07 bar @ 38 Lpm
#20	0.07 bar @ 38 Lpm

PRODUCT SPECIFICATIONS

Model	Maximum dimensions	Inlet/outlet ports
#10	306 x 129 mm (12 1/2 x 5 1/8")	3/4" BSP or NPT
#12	383 x 129 mm (15 3/8 x 5 1/8")	3/4" BSP or NPT
#20	567 x 130 mm (29 1/8 x 5 1/8")	3/4" BSP or NPT

CHEMICAL COMPATIBILITY CHART

Semiconductor Processing Materials	Pure Poly 20°C	Pure Poly 60°C	PVDF 20°C	PVDF 60°C	Viton®
Acetic Acid 99.7% (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% (60°C Max)	R	R	R	R	NR
Methylene Chloride 99.8% (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

WARNING

Do not install where system will be exposed to direct sunlight.
Protect against freezing to prevent cracking of the filter and water leakage.

www.pentairaqueurope.com