

CHPN Filter Housings

Natural Polypropylene

CHPN housings are made with 100% high purity polypropylene for wide chemical compatibility and low extractables. The rugged design has been tested up to 150,000 pressure cycles to 125 psi and passes a 500-psi burst test to ensure safe operation up to 100 psi. CHPN housings are available with connections to hold 10- or 20-inch filter cartridges with 2-222 SOE or DOE configurations.



CHPN Polypropylene Housings
Nominal Lengths – 10 in. and 20 in.

Construction Materials

Housing	100% Natural Polypropylene (resin appearance may vary)
Standard O-Ring	Viton® (or FKM)

Maximum Operating Parameters

Operating Pressure	100 psi (6.9 bar) at 20 °C (68 °F)
Operating Temperature (water)	40 to 100 °F (4 to 38 °C) at 30 psi (2.1 bar)

Sanitization & Sterilization

Chemical Sanitization

Performed using industry standard concentrations of hydrogen peroxide, peracetic acid, sodium hypochlorite and other selected chemicals.

Specifications

Model	Cartridge Type & Length	Inlet Face to Outlet Face	Overall Length
10" DOE	DOE 9 7/8"	4 1/2"	12"
10" 2-222	2-222/fin or flat 10"	5 1/4"	15"
20" DOE	DOE 20"	5 1/4"	23"
20" 2-222	2-222/fin or flat 20"	5 1/4"	23"

Inlet/Outlet for both sizes is 3/4" FNPT

Critical Process provides unrivaled delivery times, technical consulting before purchasing, and very competitively priced high-performance products. Our comprehensive testing/analysis and validation services support your team whenever they need it. Your process experts partnering with our filtration experts is how we deliver your company's solution right the first time.

Connections

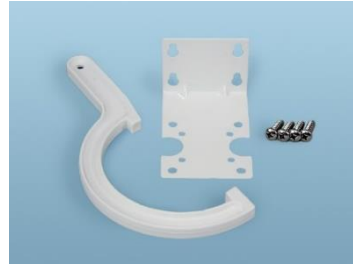


DOE Style



2-222 SOE Style, Optional

Accessory Kits



CHPN Half Sump Wrench



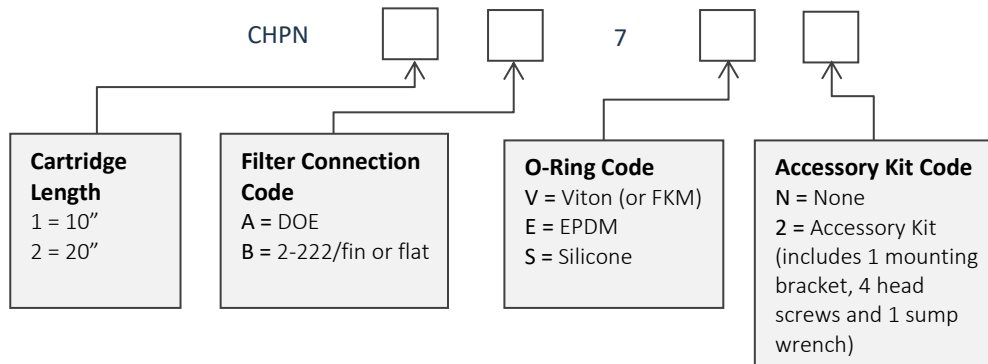
CHPN Sump Wrench – DOE 10” only

CHPN Housing Ordering Information

All Critical Process filter housings are configurable to meet customer specifications.
Fill in the corresponding code in the box below to build your Part Number.

To consult with one of our technical team members, request a quote or place an order:
call (603) 880-4220 Ext. 106, or send an email to sales@criticalprocess.com

CHPN Filter Housing



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Data Sheet CHPNDS Rev-