

# Depth-Clear™ D Series Filter Housing

For use with Depth-Clear™ D Series Filter Cartridges



## Features and Benefits

- Scalable, expandable, modular design allows you to double or triple the original effective filtration area while still retaining the original footprint.
- Depth-Clear D Series disposable containment system design eliminates the need for housing clean in place (CIP) or cleaning validation.
- Housing requires virtually no maintenance due to the absence of o-rings and gaskets.
- Available in carbon steel, 304, or 316 stainless steel construction that can withstand pressures up to 75 psi.
- Easy access knobs provide for quick and easy change-outs.
- Minimized operator exposure to harsh chemicals.

## Ordering Guide

Model	Nominal Diameter	Cartridge Size	Options
DC316	12	1	1
DC304 = 304 Stainless Steel Construction DC316 = 316 Stainless Steel Construction DCCS = Carbon Steel Construction	12 = Nominal Housing Diameter	1 = C16 2 = C32 3 = C48	1 = Powder Coated (CS Only) 2 = Bead Blasted (SS Only) 3 = Sanitary Electropolish (SS Only)

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## Description

Purolator Liquid Process Depth-Clear™ D Series Filter Housing is designed to meet individual customer requirements for a wide variety of applications in the food, petroleum, and chemical industries. This seal-less housing works in conjunction with the bagged filter that supplies all sealing requirements. The housing simply provides structural integrity to your filtration operations.

## Housing Operation

Process fluid enters the housing at the top of the filter bag, flows down into the inlet port of the bag contained in the housing. The unfiltered liquid pressurizes the bag causing the bag to expand and conform to the interior of the housing. The liquid then flows through the depth media retaining impurities, through to the center core and eventually out the core discharge port.

