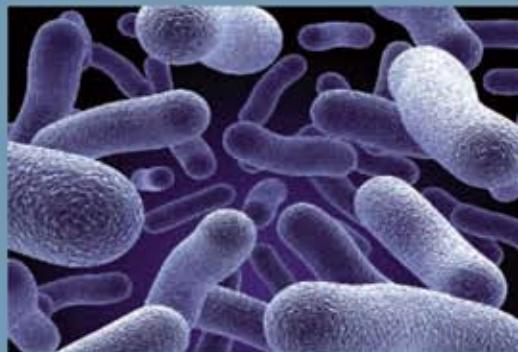


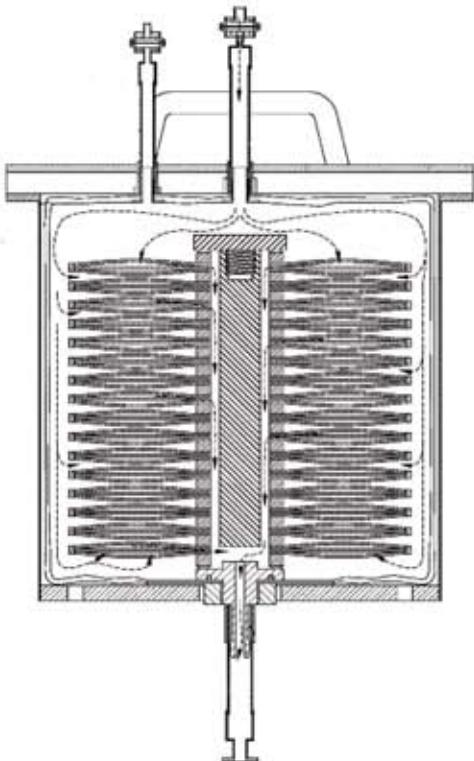


# International Filter Products

*Revolutionary systems for your industry*

## Evolution in Filtration





## INTRODUCTION

Depth-Clear D is a fully encapsulated lenticular filter module designed for single-use filtration providing positive containment combined with intuitive operation. Its simplicity of design and operation are complemented by the use of advanced cellulosic depth medias designed and manufactured for the bio-pharm industry.

## DESCRIPTION

Depth-Clear D is a patented filtration system utilizing a dual layer polyethylene film containment layer which encapsulates the depth media module. The filtration module utilizes Purolator LP's patented core assembly for module support and seal. There is an inlet and vent on top of the module and an outlet on the bottom. The modules are used in combination with a split lid stainless vessel for pressure support. Modules are available in 3, 9, 16, and 32 cell single layer media modules. Dual layer modules are available in 2, 8, 13, and 26 cell modules. The KP is the primary pharmaceutical grade media which ranges from 20um to less than 0.2um. The KPLE media uses our proprietary grade of acid washed DE to minimize extractables to their lowest level. Carbon media is available for applications requiring adsorption in place of physical capture. Validation documentation is available upon request.

## APPLICATION

- Blood Products
- Purified Proteins
- Monoclonal Antibodies
- Small Volume Clarification
- Pharmaceutical
- Vaccines
- Diagnostics
- Cell Separation
- Sera
- Chemicals

## MATERIALS OF CONSTRUCTION

Film: Dual Layer USP Class VI Polyethylene EVOH/Nylon

Tubing: Reinforced USP Class VI Silicone

Fittings: USP Class VI Polypropylene

Media Support: USP Class VI Polypropylene

Depth-Clear Media: Cellulose, Binding Resin, Diatomaceous Earth and/or Carbon

## OPERATING CONDITIONS

Max. Operating Temp: 32C

Max. Operating Pressure: 60 psig

Max. Differential Pressure: 35 psig



## INSTALLATION



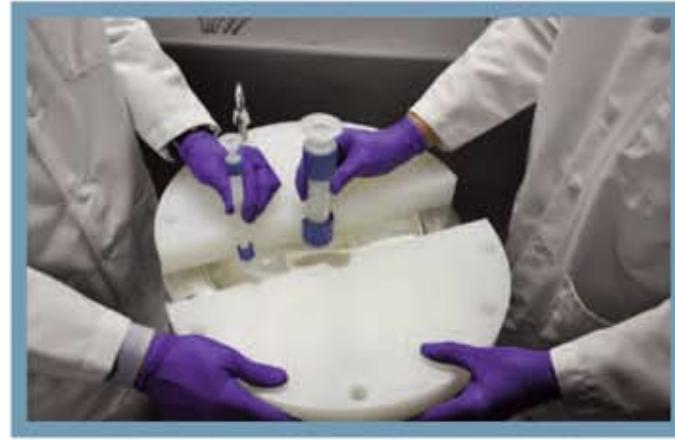
Step 1: Place module in Darcon bag.



Step 2: Lower bag into vessel.



Step 3: Fold handles into place.



Step 4: Place first half, then second half of split lid on vessel.

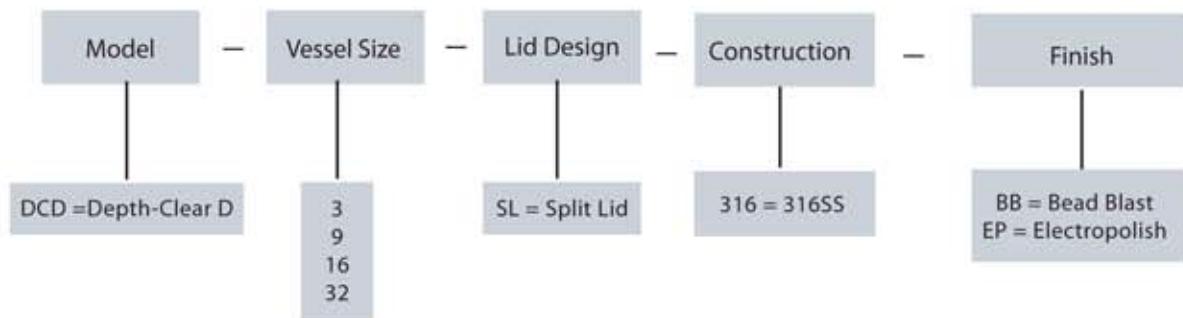


Step 5: Lower stainless steel lid in place.

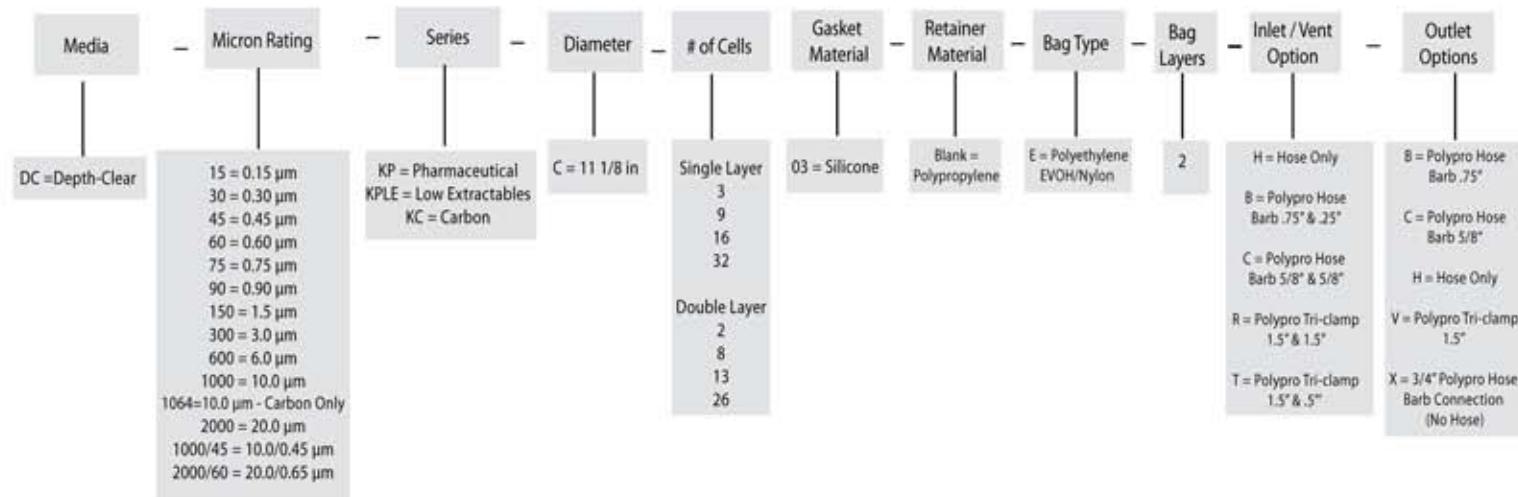


Step 6: Install stainless steel bolts.

## DEPTH-CLEAR D FILTER HOUSING



#### DEPTH-CLEAR D FILTER MODULES



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