

Pre and Post Filtration

Efficient Contaminant Removal



Stainless Steel Filter Housing

- Multiple surface finishes available
- 304 or 316 stainless steel
- Multiple canister sealing methods
- ASME code (if required)
- Connections available in sanitary, flange and threaded

The removal of particulates and other contaminants often found in untreated water requires an efficient filtration system. Using high quality materials is essential because these filters are required to remove large particles from the water before it enters the more sophisticated purification stages.



Polypropylene Filter Housing

- Shatter-resistant, corrosion-resistant
- Universal mounting bracket for quick and easy installation



Filter Cartridges

- Non-fiber releasing
- High flux and holding capacity
- Absolute or nominally rated filters
- High flow rates

Filter Housings

Hydro's filter housings are manufactured of stainless steel, reinforced polypropylene or carbon steel. This provides maximum strength and purity for your water filtering system. The polypropylene housing shall be designed for operation at 100 psi and 125° F. Stainless housings are available with finishes from bead-blast to electropolished in single or multi-cartridge units with operating pressure to 125 psi. These housings are available for use in high temperature applications as well. Carbon steel housings are available in a variety of flow rates including cartridge and bag style units.

Nominally Rated Filter Cartridges

Filter cartridges are constructed of wound or melt-blown polypropylene to ensure strength and are non-fiber releasing. This produces a filter medium with a graded pore structure which decreases in size from the outside surface to the center core. The cartridges are available with nominal pore size ratings from 1 to 30 microns.

Membrane Filter Cartridges

A finer filter maybe necessary for more sensitive water purity systems. The standard membrane filter cartridges are constructed of asymmetric polysulfone or polypropylene with a pore size rating down to 0.03 microns. Cartridges shall be non-fiber releasing and providing high flux rates. These filters are designed with o-ring seals.



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