

## IFILTRATION® HF Series

The **IFILTRATION HF** series high flow filter cartridge is made of pleated multi-layer filter media. The outer cage, inner core and cap are made of polypropylene. We are using thermal melting technology for each seal without any adhesives in the process, so that there is no leakage, no pollution and has a good sealing effect. The unique design allows high contaminant loading capacity for better depth filtration, provides a reliable performance and is widely used in a variety of applications. The filter cartridge diameter is 6 inches. It is made of the pleated filter with inner core and outer cage support. The optimized design maximizes the filtration area, greatly reduces the number of filters cartridges and the size of filter housing, especially suitable for high flux condensate systems.

### FEATURES

- Pleated filter design
- Large filtration area
- Fewer number of filters cartridges
- High contaminant load capacity
- Polypropylene material for outer cage, inner core, and end cap
- Stable performance at high temperature and pressure environment
- Compatible with most fluids and additive
- Inside to outside flow
- Capturing contaminants inside
- Absolute accuracy in filtration
- Wide range of micron rating 1-100 um
- High quality polypropylene material in gradient density
- Holding debris effectively
- In compliance with FDA standards

### APPLICATIONS

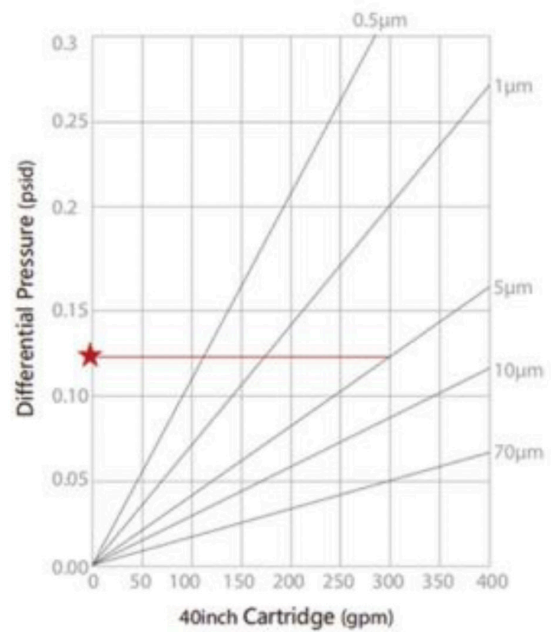
- Reverse Osmosis Pretreatment Filter
- Condensate Water Filtration
- Reclaimed Water Treatment
- Cooling Water Treatment
- Electronic Water Discharged Filtration



# IFILTRATION® HF Series

# Specification

- Max. Working Temperature: 80°C
- Max. Differential Pressure in Operation: 2.5 Bar at 20°C
- Recommended Change Out Differential Pressure: 2 Bar 20°C
- Max. Recommended Flow: 60 m<sup>3</sup>/h
- Micron Rating: Absolute 1-100 µm
- Filter Media: Glass Fiber or Pleated Polypropylene
- Caps and Core Material: Polypropylene
- Seal Material: NBR
- Length: 40/60 inch
- Outside Diameter: 6 inch
- Inner Diameter: 3 inch



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