

Original Brand	Reference Model	Specs: OD / Length / Flow Rate	Ecofiltrone Series	Core Technical Advantages	Working Conditions & Applications
Pall	HFU640 Series (e.g., UY045J)	6" (152mm) / 40" / 70 m3/h	PHFL Series (PP/GF)	One-piece Outer Cage: Provides superior structural strength to prevent deformation under high differential pressure.	RO Pre-filtration, Petrochemical Solvents, Desalination Pretreatment.
Pall	HFU660 Series (e.g., UY020J)	6" (152mm) / 60" / 110 m3/h	PHFL Series (60")	Inside-to-Outside Flow: Traps all contaminants within the cartridge to ensure zero downstream pollution during replacement.	Large Desalination Plants, Power Plant Iron Removal, Condensate Treatment.
3M (CUNO)	HF40PP Series (e.g., 005B01)	6" (152mm) / 40" / 70 m3/h	PHFK Series	W-Type Advanced Pleating: Greatly increases the effective filtration area and significantly extends service life.	Municipal Water, Power Plant Cooling Water, Bio-pharmaceuticals.
3M (CUNO)	740BPP Series (e.g., PP050)	6.5" (165mm) / 40" / 70 m3/h	PHFM Series	High Dirt Holding Capacity: The 165mm diameter combined with high-density pleating is ideal for high-solids fluids.	Food & Beverage Process Water, Large Scale Industrial Cooling Systems.
Parker	Megaflow™ Series (e.g., MGF050)	6" (152mm) / 40" / 70 m3/h	PHFL/PHFK Series	Thermal Welding Process: End caps and filter layers are hot-melt welded without adhesives for broad chemical compatibility.	Corrosive Chemicals, Quench Water, Brine Filtration.
High Temp. Environment	Pall High Temp. Series	6" (152mm) / 40" / Max 121°C	PHFLH Series	Specifically designed to operate continuously in environments up to 121°C.	Condensate, Steam Process Water Treatment.
Double Seal Needs	Parker / 3M Double Seal	6" or 6.5" / 40" / ZB Double Seal	PHFK / PHFM (ZB Type)	ZB Double O-ring Structure: Equipped with double seals to ensure zero-bypass and maximum security in critical systems.	Ultrapure Water Pre-filtration, High-Precision Chemical Processing.