

Outside pressure large flow filter cartridge

EWD Series



EWD series high-flow filter cartridges are designed with double O-rings to ensure the reliability of the seal. The inner frame is made of glass fiber reinforced polypropylene material and wrapped with polypropylene woven mesh. The deep filter structure can effectively intercept impurity particles of different sizes. Strong compression resistance, good chemical compatibility, wide application fields.

Features

- Double O-ring design ensures sealing reliability
- Strong compression resistance and good chemical compatibility
- Multi-layer gradient pore size design, continuous and stable filtration effect
- Economical and practical to save investment costs

Technical Parameters

Length	40"
Outer diameter	165mm
Filter material	Polypropylene (PP) 、Glass fiber (GF)
Cage	Polypropylene (PP) 、Glass fiber (GF)
Material of Sealing O-ring	EPDM、Red silicone、Buna-N
Removal Rating	0.5μm、1μm、3μm、5μm、10μm、20μm、50μm、100μm

Operating conditions

Maximum working temperature	Polypropylene (PP) 82°C Glass fiber (GF) 121°C
Maximum working pressure	Polypropylene (PP) 3.4bar Glass fiber (GF) 3.4bar
Recommended pressure drop for filter cartridge replacement	2.0Bar@20°C
Flow direction	From out to inside
Maximum Flow rate	40" 70m³/H



food and drink

- Beer and wine
- Mineral water
- Cooking oil
- Juice drinks
- Filter milk, sugar, etc.

the thermoelectric industry

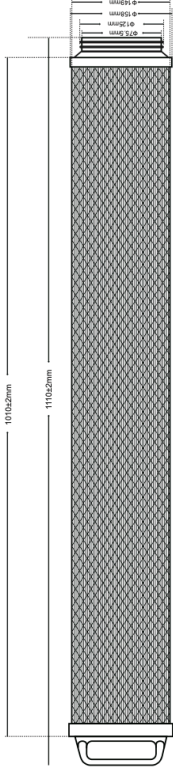
- Boiler make-up water system
- Stator cooling water system
- Condensate finishing system
- Heat network backwater treatment system

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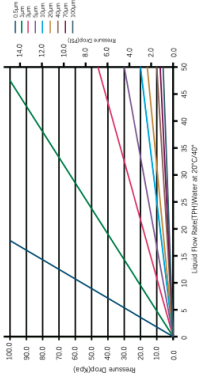
- Chemical paint
- Paint production
- Oil is injected with water
- Treatment of produced water
- Condensate treatment process



Dimensions



Flow vs Pressure Drop Diagram



Ordering Information

EWD	P	050	A	40	S	A
Series	Membrane material	Removal Rating	Appearance	Length	Material of seal O-Ring	Center pole
EWD	P=PP G=GF	050=0.5μm 100=1μm 300=3μm 500=5μm 1000=10μm 2000=20μm 10000=100μm	A=woven mesh	40=40"	S=Silicon E=EPDM N=Buna-N	A=PP Skeleton G=GF Skeleton