

Outside pressure large flow filter cartridge E100D Series



E100D series high-flow filter cartridge adopts a diameter of 100mm and high 226 end cap , which is suitable for medium-flow filtration occasions . The external protection of the filter cartridge adopts PP polypropylene rhombic mesh to protect the filter material from deformation .

Features

- High 226 double-sealed connector is used to effectively avoid side leakage of the end cap
- All polypropylene material is suitable for filtering in many field
- High throughput with low initial pressure drop
- Easy to replace filter cartridges and minimizes downtime

Technical Parameters

Length	20" 60"
Outer diameter	100mm
Filter material	Polypropylene (PP)
Cage	Polypropylene (PP)
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
Maximum working pressure drop	Polypropylene (PP) 3.4bar
Recommended pressure drop for filter cartridge replacement	2.0Bar@20°C
Flow direction	From out to inside
Maximum Flow rate	20" 20m³/H 40"50m³/H

QC

- Compliant with FDA-21 CFR standard, can be used in food and beverage processing
- Passed the acceptance standard of DL / T 1866-2018 National Energy Administration
- Strictly implement the ISO9001:2015 quality management system



Food and drink

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



The thermoelectric industry

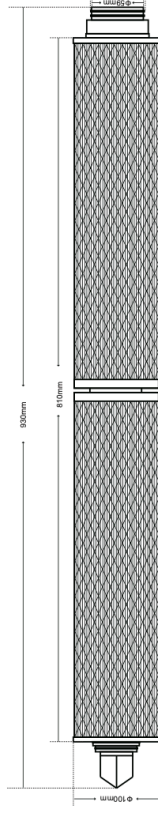
Boiler make-up water system
Stator cooling water system
Condensate finishing system
Heat network backwater treatment system



Petrochemistry

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

Dimensions



Ordering Information

E100D	P	050	A	20	01	S	A
Series	Membrane material	Removal Rating	Appearance	Length	End cap	Material of seal O-Ring	Center pole
E100D	P=PP	050=0.5µm 100=1µm 300=3µm 500=5µm 1000=10µm 2000=20µm 10000=100µm	A=Binding type B=Skeleton type	20=20" 40=40"	01=Single sealing ring 02=Double sealing ring	S=Silicon E=EPDM N=Buna-N	A=PP Skeleton

RO EDI Pure Water Treatment System

