

## Folded filter cartridge can be backwashed E70D Series

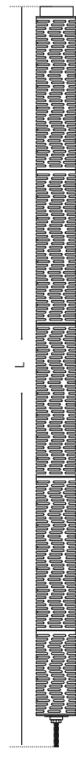
E70D series pleated filter cartridges are widely used in the pre-filtration of condensate polishing treatment in power plants. High-purity polypropylene filter material is selected, and the whole is hot-melt welded. The internal and external skeleton structure can be reused after backwashing. 10μm filter cartridges are recommended when the unit is started, and 1μm and 4μm filter cartridges are recommended for normal operation.

### Features

- Can be washed repeatedly
- Extra long design 70" (1778mm)
- High precision ensures effective particle removal
- Pure PP filter material has wide chemical compatibility
- Wide range of standard connectors available

### Technical Parameters

Length	60" (1524mm) & 70" (1778mm)
Outer diameter	66mm, 69mm
Filter material	Polypropylene (PP)
Cage	Polypropylene (PP)
Design flow	$\geq 4\text{m}^3/\text{h}$
End Cap	Thread 222/ Fin



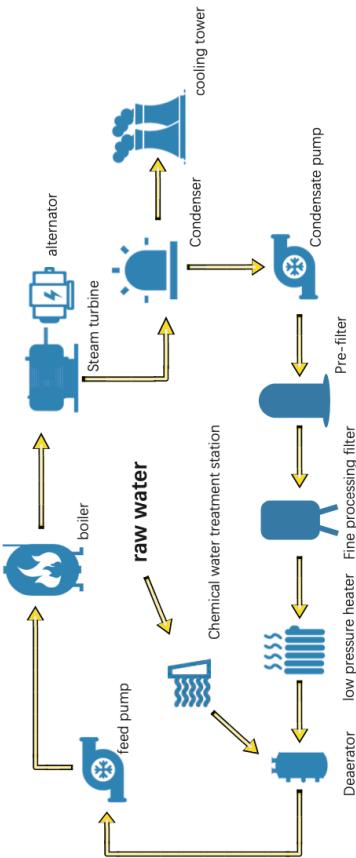
### Dimensions

Size	Dimensions		
	L	D	A
Size 1	60" (1524mm)	66	66
Size 2	70" (1778mm)	70"	66

### Ordering Information

Series	P	Membrane material	Removal Rating	End cap	A	Length	TOP connector	Center pole	Outer diameter
E70D	P=PP		100-1μm 200-2μm 400-4μm 500-5μm 1000-10μm	A=222/Fin M=M38*2 T=1.5 NPT U=1½-12UNF	60=60" 70=70"	60=60" 70=70"	08=M8 10=M10	A=PP Skeleton 66=Φ66mm 69=Φ69mm	

### Diagram of condensate polishing system



### Operating conditions

Maximum working temperature	82°C
Maximum working pressure drop	3.4bar@20°C
Recommended pressure drop for filter cartridge replacement	2.4Bar@20°C
Recommended backwash pressure drop	≤0.9bar
Backwash water volume	0.5m³/pcs
Backwash gas volume	3.4-4.5m³/h



#### The thermoelectric industry

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



#### New Energy

Production of battery slurry  
Boiler cooling water system  
Condensate finishing system  
Heat network backwater treatment system

#### Petrochemistry

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

#### 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