

UCA series

Describe:

UCA wire wound filter, is a deep filter backwashing filter, high strength PP or stainless steel porous skeleton, stronger compression, degreased cotton, polypropylene line material machine tool by numerical control system according to set specific density and pore diameter gradient precision winding, hydrophobic honeycomb structure, has the very good filter characteristics, and better environmental carrying capacity, can effectively filter out suspended solids in the fluid, rust, particles and other impurities. Polypropylene line is a multiple winding to form a maze filter layer, which can make full use of the fiber filter layer, so that impurities enter the filter layer and form a deep filter. Polypropylene fiber has a large surface area, in addition to mechanical filtration, but also a certain adsorption capacity. The wire wound filter core is mainly used in the powder resin filter and the front filter, and it is also widely used in other fields.

Features:

Strong acid and alkali resistance, high flux, high pollution capacity

It can adsorb certain materials in water

Flow resistance is low during operation

Can backflush, low frequency of replacement

Solid structure, high strength stainless steel skeleton

Special high performance fiber ensures no fiber deformation and shedding

Can be precoated resin, improve the backwash effect, extend the filter life

High mechanical strength makes it difficult to deform even under severe technological conditions

The super long size is suitable for large flow and high pollution capacity

Good chemical compatibility, suitable for PH1-13 occasions

It is suitable for solid liquid separation with higher solid content and higher viscosity

Application area:

Power plant agglomerated water powder resin covering filter

Pre-iron removal filter for condensate treatment in power plant

Front-end filtration of pure water systems

Production water and waste water filtration in electronics industry

All kinds of wine, mineral water, purified water, juice and other liquid front filtration

RO security filter, seawater desalination pretreatment

Paint coating, petrochemical, refining

Prefiltration of general drinking water

Pre-filtration treatment of sterile water, medical water and ultra-pure water

Technical parameters:

Outer diameter	Φ60-φ130mm
inner diameter	Φ28、φ30mm
filter material	High performance polypropylene fiber/degreased cotton thread
Filtration precision (μm)	0.5-100
Entrapment efficiency	99%
Filter length	5-70 英寸 (或定制)
Interface adaptation code	C1=1 1/2 " -12, C2=M33×1.5, C3=M38×2 (或定制)
Internal skeleton material (center rod)	304SS/316SS/PP
Maximum operating temperature	85°C
Maximum operating pressure differential	2bar
Recommended pressure differential for filter element	1.0bar (Pre -) /1.8 (resin)

replacement (20°C)	
Maximum filtration(m3/h)	The flow rate of every 10 "cores is 0.63-2.1 due to different aperture

Order information:

Seri es no.	Core diame ter	Filter mater ial	Filtration precision	Filter length	End of a thread	interface	Inner frame	End of a thread
UC A	60-130mm	PP/S C	0050=0.5 μm	05=5 " 10=10 "	E1= M6 E2=M8 E3= M10 E4= 3/8	C1=1 1/2 " -12 C2=M33×1 .5 C3=M38×2 N=无	SS1=304 Stainless steel SS2=316 Stainless steel PP=polypro pylene	E1= M6 E2=M8 E3= M10 E4= 3/8 N=无
			0100=1μm	20=20 "				
			0500=5μm	30=30 "				
			1000=10 μm	40=40 "				
			1500=15 μm	50=50 "				
			2000=20 μm	60=60 "				
			4000=40 μm	70=70 "				
			7000=70 μm					
			10000=1 00μm					