

RealMax® RMBN Backflush N-Pleated Filter Cartridge

RealMax® RMBN Backflush N-Pleated Filter Cartridge is specially designed for power plant condensate application. With high particle removal efficiencies, RealMax® RMBN Backflush N-Pleated Filter Cartridge provides absolute, high surface area, backflushable filtration performance and long life time as well as robust construction, becoming one of the most extensively used backflushable pleated filter in power plant condensate worldwide.



Features & Benefits

- All-polypropylene structure
- Broad chemical compatibility
- Pleated structure, high surface area, high flow
- Backwash design, long life time
- Pre-coated resin
- Surface filtrating to ensure particles removal and effective backwash
- Length up to 70 inches (1778mm), apply to high flow and high pollution
- Directly installed in the existing housing, without the renewal and transformation

Application

- condensate polishing system
- Power Plant Condensate System
- Combined cycle condensate
- Industrial water & Electroplating solution filtration
- Full flow condensate
- Super Critical boilers

Specification

Specification	
Micron Rating (Absolute)	1,2, 5, 10,20,40µm
Diameter	
Outside Diameter	2.5inch / 64mm
Inner Diameter	1.2inch / 30mm
Connection	
Bottom Connection	Screw-thread
Top Connection	Screw-thread
Material of construction	
Media Material	Polypropylene
Core Material	Polypropylene
End Cap Material	Polypropylene
Operating Conditions	
Maximum differential pressure	40psid@150° F / 2.8bar@65 ° C
Maximum temperature	180° F / 82 ° C

Ordering Information

RMBN	—	P	050	—	70	M	0	F	P	R
↓		↓	↓		↓	↓	↓	↓	↓	↓
Cartridge		Media	Removal Rating		Elements Length	Bottom Connection	Top Connection	O-ring Material	Support Layer Material	Special Code
Designation		P=Polypropylene	010=1µm		10=10inch	M=M33x1.5	0=M10	F= No O-ring	S=SS304	R=Coating
			020=2µm		20=20inch	G=G1inch	8=M8		L=SS316	
			040=4µm		30=30inch				P=Polypropylene	
			100=10µm		40=40inch					
			180=18µm		50=50inch					
			200=20µm		60=60inch					
			400=40µm		70=70inch					
					80=80inch					