

# RealMax® RMBS S-Wound Filter Cartridge

Designed for absolute removal of suspended iron oxide, copper, and other particulate without powdered resin precoating or other filter aids, RealMax® RMBS S-Wound Filter Cartridge system is the first choice for critical power plant condensate application.

With in excess of 98% particle removal efficiencies, RealMax® RMBS S-Wound Filter Cartridge system is the highest quality filtration system.



## Features & Benefits

- High efficient particle removal
- Continuous polypropylene fiber string wound construction
- Uniformite filtration in different length
- Stainless steel center core and connections with screw thread
- Large contaminant holding capacity and super length cartridge-70"(1778mm)
- Easy start-up and clean, strong adsorbability
- Various sizes to meet different kinds of powdered resin filter or pre-filter application
- High mechanical strength, not easy to deform even under harsh process
- Directly installed in the existing system,without renewal and transformation.
- Predigested system, no acid & alkali consume and contaminant, wastes removal easily, environmental
- Low cost, less losses on pressure drop after condensate polishing

## Application

- Condensate polishing system
- Power Plant Condesate System
- Combined cycle condensate
- Full flow condensate
- Super Critical boilers

## Specification

Specification	
Micron Rating (Absolute)	1, 5µm
Diameter	
Outside Diameter	2inch / 50mm , 2.5inch / 64mm
Inner Diameter	1.2inch / 30mm
Length	60inch / 1520mm , 70inch / 1778mm
Material of construction	
Filter Material	Polypropylene fiber
Core Material	304SS
Connection	
Bottom construction	M33*1.5/G1.5 inch screw-thread connection
Top construction	M8 screw-thread, M10 screw-thread
Operating Conditions	
Recommand flow	3.5-4.2m <sup>3</sup> /hr
Recommended maximum differential pressure	35psid@68°F / 2.45bar@20°C
Maximum work temperature	180°F / 82°C

## Ordering Information

RMBS	—	P	050	—	70	M	0	S
↓		↓	↓		↓	↓	↓	↓
Cartridge Designation		Media	Removal Rating		Elements Length	Bottom Connection	Top Connection	Core Material
		P=Polypropylene	010=1µm 050=5µm		70 - 70 inch 60 - 60 inch	M=M33x1.5 G=G1inch	0=M10 8=M8	S=SS304 L=SS316