



ABSO

ASP Type

Major Applications

Fluid Clarification for foods and beverages

 Beer, Wine, Distilled spirits,
Japanese Sake, Tea-based beverages,
Syrup, Flavor and Fragrance

Quality standards

- Adaptable Food Sanitation Standard
• FDA 21 CFR
- Traceability by lot number

Features

- Cellulose depth media filled with perlite
- Wide filtration area

Advantages

- Efficiently remove bacteria and colloidal substances
- Long service life in fluid with high turbidity
- Eliminate the trouble of pre-coating filter aids and cleaning in the opposite direction.
- Could handle high flow rate and large throughput.

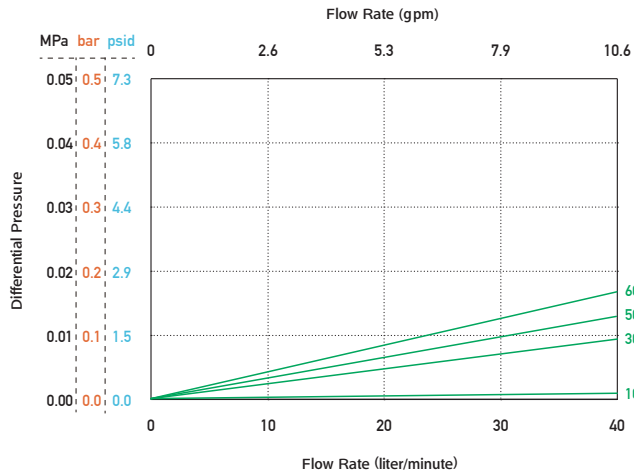
Specifications

		10	30	50	60
Materials	Grades				
	E.F.A.			1.58m ²	
	Media			Cellulose, Perlite	
	Core			Polypropylene	
	Spacer / Ring			Polypropylene	
	Maximum ΔP		0.49MPa at 20°C (71psi at 68°F)		
	Maximum Operating Temp		80°C (176°F)		
Dimensions	Length		275.0mm		
	O.D.		284.0mm		
	I.D.		51.0mm		

*If you need further information on specifications (length, end cap type, etc.), please contact us.

Differential Pressure vs Flow Rate

Fluid: Refined Water 20°C (68°F) / Cartridge Length: 16Cells



Microbial removal performance

Grades	Biological Indicator	LRV*
30	<i>Lactobacillus brevis</i>	5
50	<i>Lactobacillus brevis</i>	>6
60	<i>Lactobacillus brevis</i>	>6

*LRV represents Log Reduction Value (Refer to JIS K3835)

*Bacterial challenge level is more than 1×10^6 CFU/cm².

Particle Removal Efficiency

Grades	Particle Removal Efficiency (%)			
Particle Size (μm)	10	30	50	60
0.5				> 98
0.8			> 98	> 99.9
1.0		> 98	> 99.9	
2.0		> 99.9		
3.0				
5.0	> 98			
10	> 99.9			

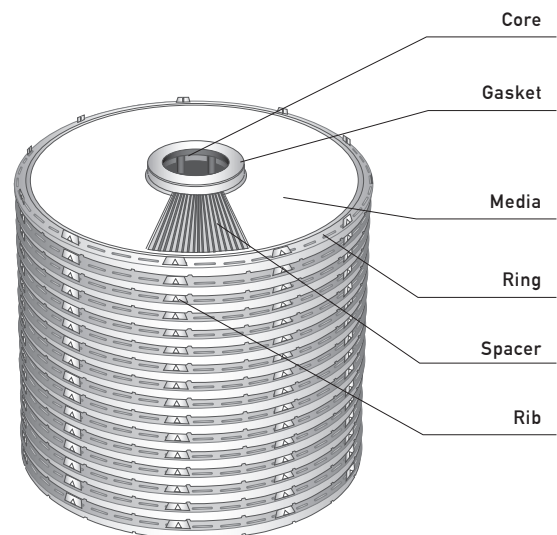
Test Conditions

Equipment : Liquid Particle Counter
 Filtration : Single Pass
 Fluid : Refined Water
 Flow Rate : 43.5 liter/minute (per m²)
 Dust : ALUMINA+BOEHMITE (ASP-60~30) ,
 ACFTD+LATEX Beads (ASP-10)

Ordering Information

Numbers of Cells	Product Type	Grades	Gasket
16C ▼ 16 Cells	-ASP-	50 ▼ 10 30 50 60	S ▼ Silicone

Materials of Construction



*The contents of the catalog are subject to change without notice.

*The performance data listed in the catalog are Typical values obtained under specific conditions based on our tests.

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For our technical information, please click here.▼



Manufacturing is based on our Quality Management Systems that meet ISO9001 standards.

Scope

Design, Development, manufacture, and sales of filter cartridges, housings and filtration equipment.



20th Issue
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