



HUGE FLOW

(ϕ 130mm) Series

EPP · SFP · CTJ ·
CTK · CEB Type

Major Applications

Industrial water, pure water

Chemicals

Resin dissolving liquid

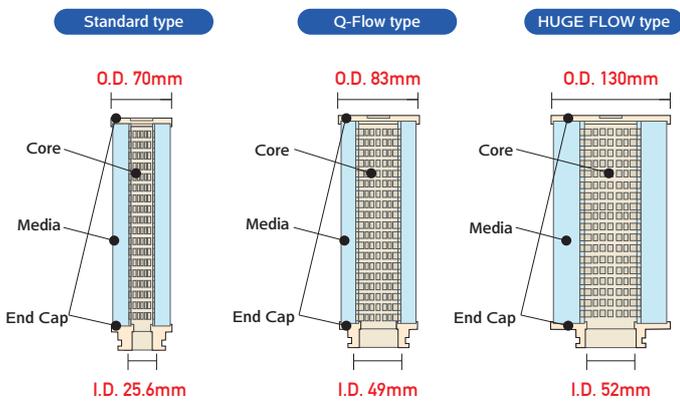
Features

- Large outer diameter of ϕ 130 mm
- Choice of filter media available

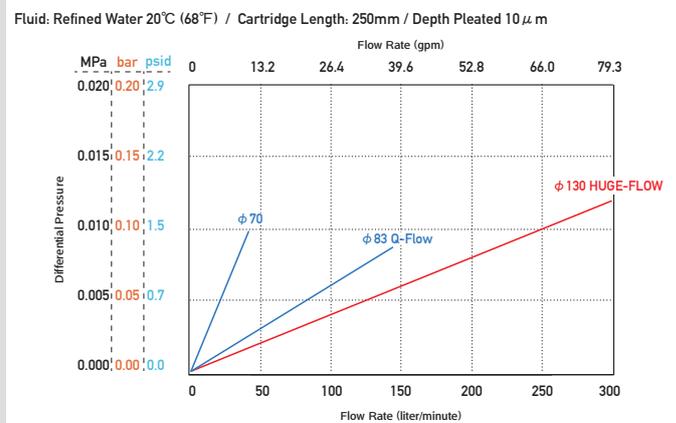
Advantages

- Capable of processing large flow rates of 200 L/min or more
- Reduces the number of filter cartridges used and saves space
- Can use for various type of fluids

Internal structure - Comparison with other shapes-



Comparison of differential pressure vs. flow rate



Material list

Product Type	EPP	SFP	CTJ	CTK	CEB
Type	Depth (String wound)	Depth Pleated	Surface (Membrane)	Surface (Membrane)	Surface (Membrane)
Media	Polypropylene	Polypropylene	Hydrophobic PTFE Membrane	Hydrophilic PTFE Membrane	Polyethersulfone Membrane
Core	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene

EPP Type

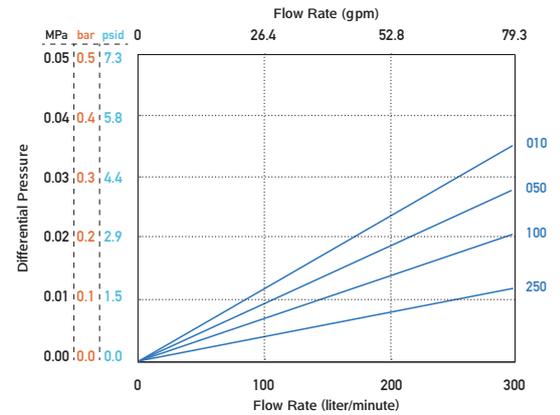
Specifications				
Grades	010	050	100	250
Micron Ratings (μm)	1.0	5.0	10	25
Media	Polypropylene			
Materials Core	Polypropylene			
End Cap	Polypropylene			
Maximum ΔP	0.49MPa at 20°C (71psi at 68°F)			
Maximum Operating Temp	60°C (140°F)			
Dimensions	Length	250mm		
	O.D.	130mm		
	I.D.	52mm		
Adaptable Food Sanitation Standard	All raw materials meet the requirement of FDA 21 CFR *1			

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

*1 Applicable Gaskets and O-ring materials exclude EPDM.

Differential Pressure vs Flow Rate

Fluid: Refined Water 20°C (68°F) / Cartridge Length: 250mm



SFP Type

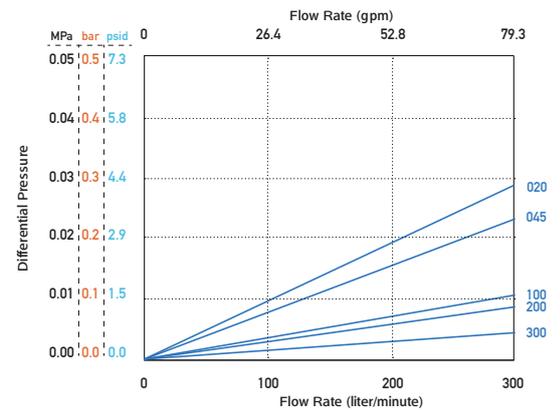
Specifications					
Grades	020	045	100	200	300
Micron Ratings (μm)	2.0	4.5	10	20	30
E.F.A. ($\text{m}^2/250\text{mm}$)	0.85	0.70	0.70	0.73	0.70
Media	Polypropylene				
Materials Core	Polypropylene				
End Cap	Polypropylene				
Maximum ΔP	0.49MPa at 20°C (71psi at 68°F)				
Maximum Operating Temp	80°C (176°F)				
Dimensions	Length	250mm			
	O.D.	130mm			
	I.D.	52mm			
Adaptable Food Sanitation Standard	All raw materials meet the requirement of FDA 21 CFR *1				

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

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Differential Pressure vs Flow Rate

Fluid: Refined Water 20°C (68°F) / Cartridge Length: 250mm



CTJ Type

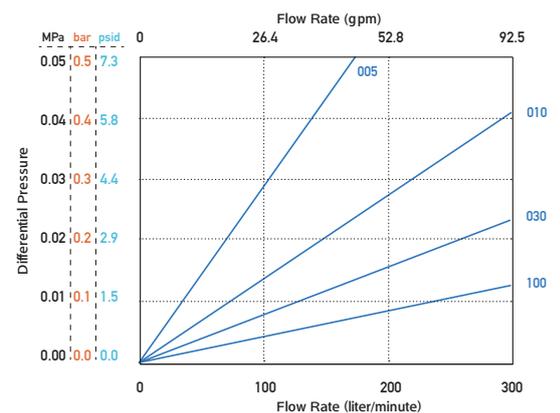
Specifications				
Grades	005	010	030	100
Micron Ratings (μm)	0.45	1.0	3.0	10
E.F.A. ($\text{m}^2/250\text{mm}$)	2.11			
Media	Hydrophobic PTFE Membrane			
Materials Core	Polypropylene			
End Cap	Polypropylene			
Maximum ΔP	0.49MPa at 20°C (71psi at 68°F)			
Maximum Operating Temp	80°C (176°F)			
Dimensions	Length	250mm		
	O.D.	130mm		
	I.D.	52mm		
Adaptable Food Sanitation Standard	All raw materials meet the requirement of FDA 21 CFR *1			

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

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Differential Pressure vs Flow Rate

Fluid: Refined Water 20°C (68°F) / Cartridge Length: 250mm



CTK Type

Specifications

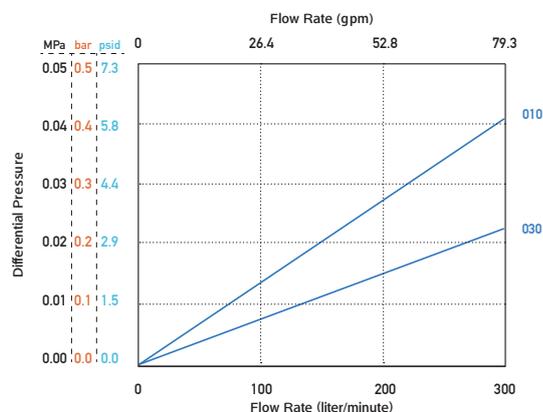
Grades	010	030
Micron Ratings (μm)	1.0	3.0
E.F.A. ($\text{m}^2/250\text{mm}$)	2.11	
Media	Hydrophilic PTFE Membrane	
Materials Core	Polypropylene	
End Cap	Polypropylene	
Maximum ΔP	0.49MPa at 20°C (71psi at 68°F)	
Maximum Operating Temp	80°C (176°F)	
Length	250mm	
Dimensions	O.D.	130mm
	I.D.	52mm
Adaptable Food Sanitation Standard	All raw materials meet the requirement of FDA 21 CFR *1	

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

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Differential Pressure vs Flow Rate

Fluid: Refined Water 20°C (68°F) / Cartridge Length: 250mm



CEB Type

Specifications

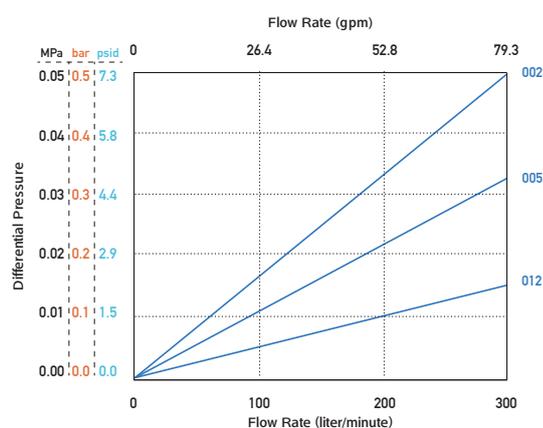
Grades	002	005	012
Micron Ratings (μm)	0.2	0.45	1.2
E.F.A. ($\text{m}^2/250\text{mm}$)	2.10		
Media	Polyethersulfone Membrane		
Materials Core	Polypropylene		
End Cap	Polypropylene		
Maximum ΔP	0.49MPa at 20°C (71psi at 68°F)		
Maximum Operating Temp	80°C (176°F)		
Length	250mm		
Dimensions	O.D.	130mm	
	I.D.	52mm	
Adaptable Food Sanitation Standard	All raw materials meet the requirement of FDA 21 CFR *1		

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

*1 Applicable Gaskets and O-ring materials exclude EPDM.

Differential Pressure vs Flow Rate

Fluid: Refined Water 20°C (68°F) / Cartridge Length: 250mm



Ordering Information

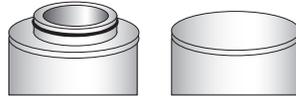
Length	Product Type	Micron Rating	O-Ring	End Cap Code
250L ▼ 250 = 250mm	- S F P - ▼ EPP SFP CTJ CTK CEB	0 2 0 ▼ EPP SFP, CTJ, CTK, CEB	E ▼ S = Silicone E = EPDM T = FEP Encapsulated FKM N = NBR V = FKM	H ▼ H = Single Open End (Single O-Ring)
		010 = 1.0 μm 002 = 0.2 μm 030 = 3.0 μm 050 = 5.0 μm 005 = 0.45 μm 045 = 4.5 μm 100 = 10 μm 010 = 1.0 μm 100 = 10 μm 250 = 25 μm 012 = 1.2 μm 200 = 20 μm 020 = 2.0 μm 300 = 30 μm		

End Cap Code

EPP H Type



SFP, CTJ, CTK, CEB
H Type



Introduction of Dedicated Housing

HUGE-FLOW Filter Housing

HA Type

Major Applications

General Industry

Chemical/ Electronics

Main Specifications

Design pressure : 0.98MPa

Main materials : SUS304

Inner and Outer surfaces finishing : Electropolishing after buffing



Ordering Information

Filter length	End Cap Code	Product Type	Number of installed filters	O-Ring
250 ▼ 250 = 250mm	H ▼ H = Single Open End (Single O-Ring)	-HA-	001 ▼ 001 = 1pc	N ▼ S = Silicone N = NBR E = EPDM V = FKM

*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.



4th Issue
HFlow220220E