

HUGE FLOW Filter Cartridge



($\phi 130\text{mm}$)

HUGE FLOW Filter Cartridge is optimal filter for various applications where high flow rate is required in a small space.

Features

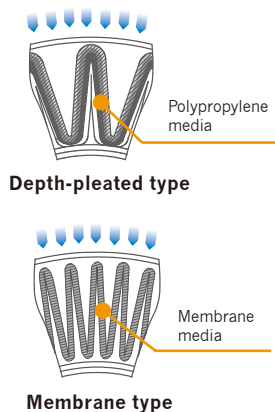
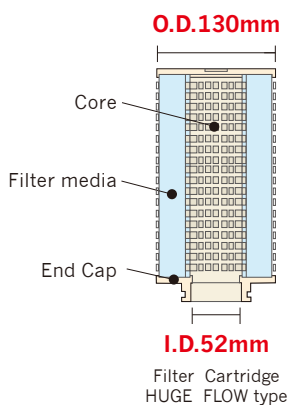
- High flow rate is available.
- Workability of change-outs is improved due to the reduction of filter quantity.
- Long service life is available.



HUGE FLOW Type

Materials of construction

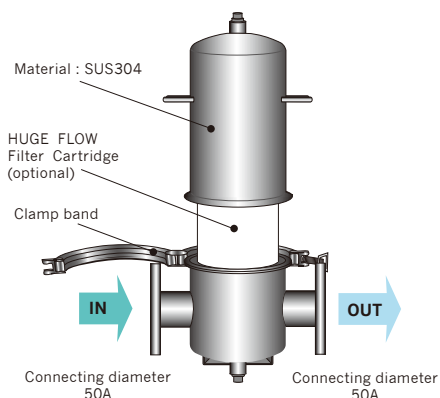
Standard product type



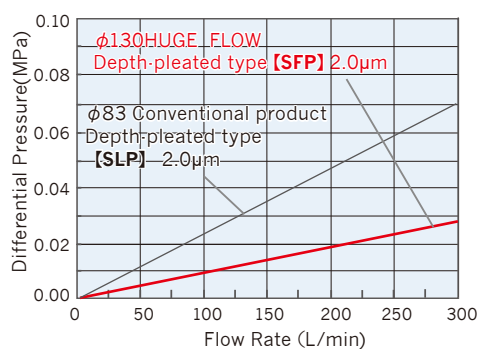
Product Type	Filter Media	Micron Rating (μm)	Sealing Media
Depth-pleated Type [SFP]	Polypropylene (Non-woven PP) (Core : PP)	2.0	EPDM or FEP Encapsulated FKM or Silicone
		4.5	
		10.0	
		20.0	
		30.0	
Membrane Type [CTJ]	Hydrophobic PTFE Membrane (Core : PP)	1.0	
		3.0	
		10.0	
Membrane Type [CTK]	Hydrophilic PTFE Membrane (Core : PP)	1.0	
		3.0	
Membrane Type [CEB]	Polyethersulfone (PES) Membrane (Core : PP)	0.2	
		0.45	
		1.2	

Housing

Differential Pressure vs Flow Rate

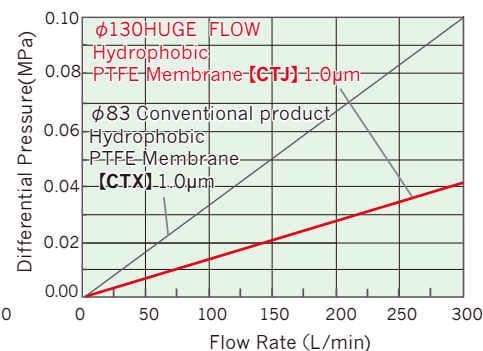


Fluid: Refined water (20°C)
Cartridge Length: 250mm



※The data do not include piping pressure drop.

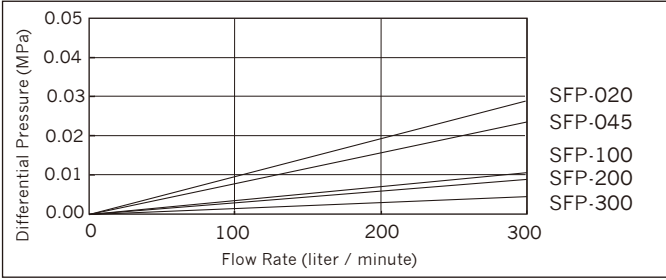
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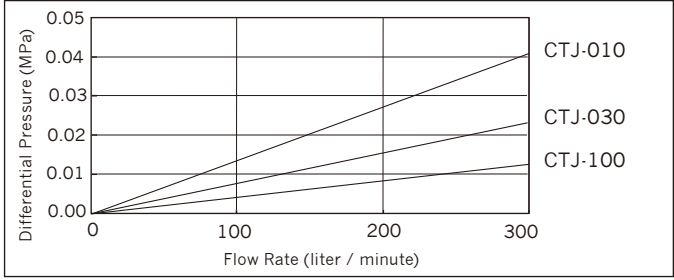
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Differential Pressure vs Flow Rate

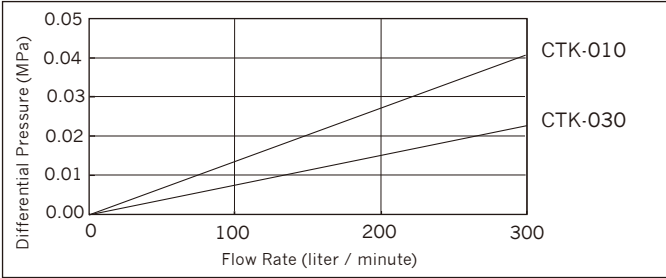
Fluid: Refined water (20°C) Cartridge Length : 250mm



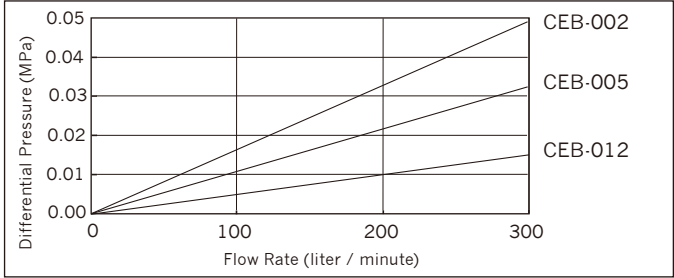
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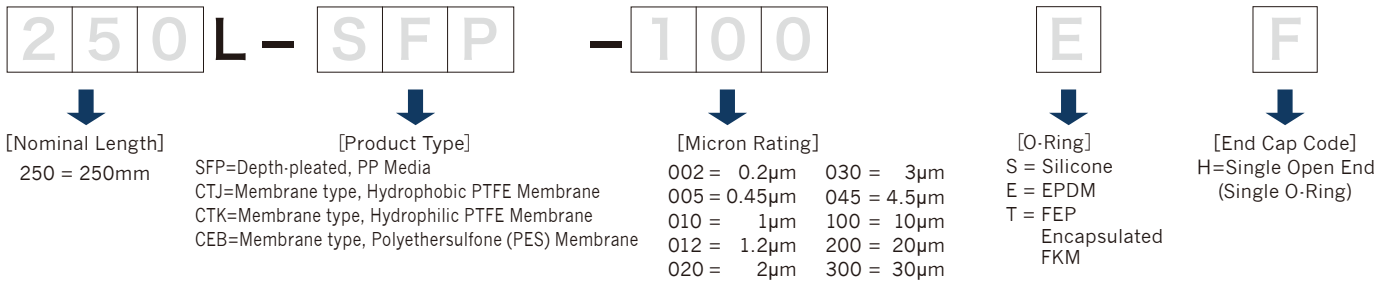


Fluid: Refined water (20°C) Cartridge Length : 250mm



*The above data are based on our test condition, and are not guaranteed value.

Ordering Information



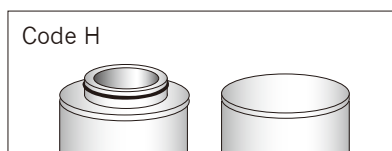
Specification

Product Type	SFP					CTJ			CTK		CEB																
Grade	020	045	100	200	300	010	030	100	010	030	002	005	012														
Micron Rating (μm)	2	4.5	10	20	30	1	3	10	1	3	0.2	0.45	12														
E.F.A. (m ² / 250mm)	0.86	0.71	0.71	0.74	0.72	2.14			2.14		2.13																
Dimensions	Length (mm)													250													
	O.D. (mm)													130													
	I.D. (mm)													52													
Materials Media	Media					Polypropylene			Hydrophobic PTFE Membrane		Hydrophilic PTFE Membrane		Polyethersulfone(PES) Membrane														
	Core					Polypropylene			Polypropylene		Polypropylene		Polypropylene														
	End Cap					Polypropylene			Polypropylene		Polypropylene		Polypropylene														
O-Ring														Silicone / EPDM / FEP Encapsulated FKM													
Maximum ΔP (MPa) at 20°C														0.49													
Maximum Operating Temp. (°C)														80													
Adaptable Food Sanitation Standard														FDA 21CFR													

※Exclusive housing for the Huge-Flow type is available.

※Please contact us for details.

End Cap Code



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