



Ez-Change™
Capsule Filter Cartridge

XW • AW Type

Major Applications

Coating liquids

Slurry

Ink

Paste

Related Videos (YouTube)

Click on the QR code to watch the video on You Tube.



Ez-Change introduction video

Features

- Polypropylene capsule filter for easy replacement
- Built-in check valve
- Minimum hold up volume
- Built-in 7pcs of filter cartridges per one capsule

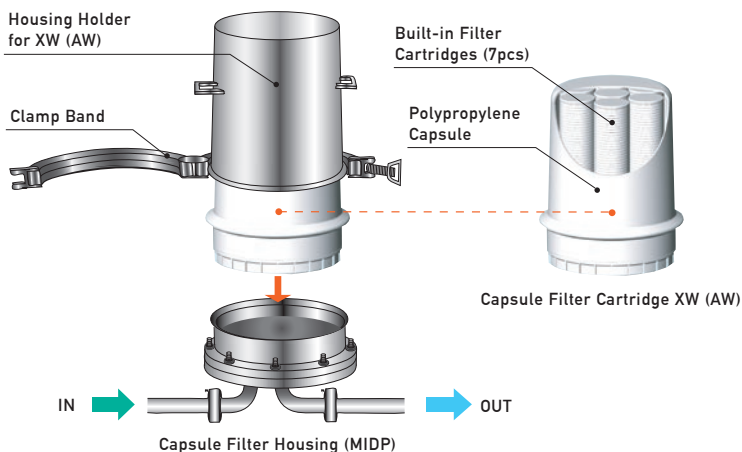
Advantages

- Significantly reduces operation time
- Liquid is confined, limits exposure.
- Limited drips
- Reduction of liquid loss
- For high flow rate filtration
- Reduce replacement operations

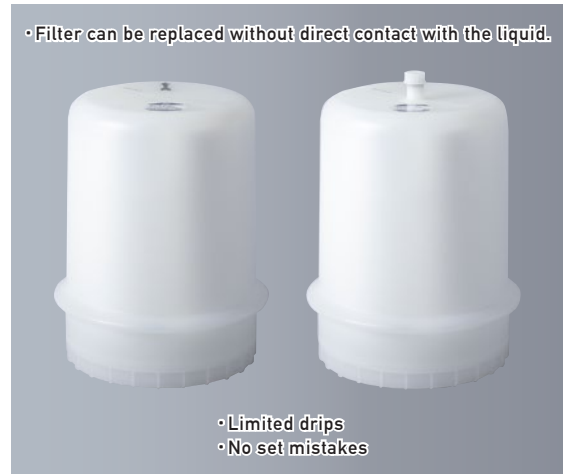
Structure

	Number of Built in Filters	Air vent	Length of built-in filter cartridge			
			62.5	125	250	500
X B	1pc	-	○	○	○	○
A D	1pc	Upstream	○	○	○	○
W K	1pc	Upstream + Downstream	○	○	○	○
X W	7pcs	-		○	○	○
A W	7pcs	Upstream		○	○	○

Internal structure

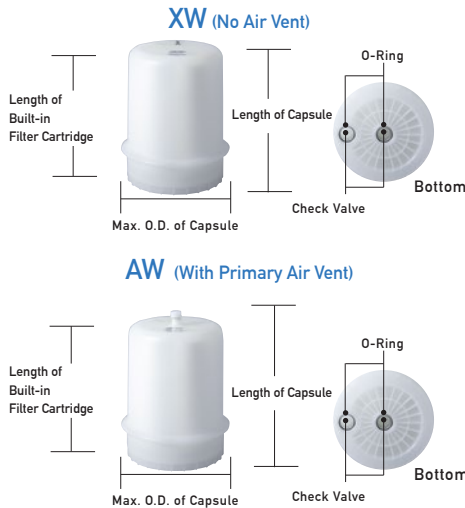


• Filter can be replaced without direct contact with the liquid.



- Limited drips
- No set mistakes

Capsule Filter Cartridge Lineup·Specifications



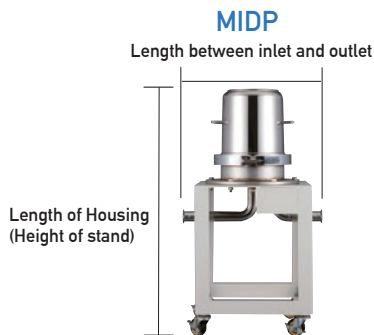
Product Type	XW	AW
Length of Built-in Filter Cartridge	125/250/500 mm	
No. of built-in filters	7pcs	
Length of Capsule	196/310/562 mm	227/341/593 mm
Max. O.D. of Capsule	φ 250 mm	
Capsule material	Polypropylene	
Check valve material	Seal = Polypropylene / Spring = SUS	
O-Ring material	EPDM / Silicone / NBR / FKM	
Air vent function	None	Upstream Air Vent
Screw size of air vent cap	-	G 1/4
Maximum Operating Pressure	Refer to housing design pressure.	
Maximum Δ P (Capsule Filter)	Refer to the maximum Δ P in the built-in filter cartridge catalog. However, cannot be used above the maximum operating pressure.	
Maximum Operating Temp (Capsule Filter)	40°C (104°F)	

*When using Ez-change capsules, be sure to use the holder.

Capsule Filter Cartridge Ordering Information

Length	Filter Cartridge Product Type	Micron Rating	O-Ring	Product Type of Capsule Filter Cartridge
2 5 0 L	- S H P -	0 3 0	S	X W
125 = 125 mm 250 = 250 mm 500 = 500 mm	Please check the "Applicable capsules list for each product type" for compatible part numbers.		None = EPDM S = Silicone N = NBR V = FKM	XW = No Air Vent AW = With Upstream Air Vent

Capsule Filter Housing Specifications



The housing is designed with 7-rounds in one capsule.
Both XW and AW share the same base, so capsule filter cartridges of different lengths and shapes can be used by replacing the holder for each type.

Capsule filter cartridge type	XW / AW
Length of Built-in Filter Cartridge	125/250/500 mm
No. of built-in filters	7pcs
Length of Housing (Height of stand)	740.5 (520) / 852.5 (520) / 1106 (520) mm
Length between inlet and outlet	500 mm
Connecting diameter/configuration	IDF 1.5S•Ferrule
Housing material	SUS304 (Liquid contact area : Conductive FEP coating)
Designed operating pressure (Housing)	0.69MPa (100psi)
Designed operating temperature (Housing)	40°C (104°F)

*Please contact us for further information on specifications connecting diameters, configurations, dimensions and units other than above.

*Bypass Capsule (B-XW) is an accessory part of polypropylene to make a bypass from inlet to outlet of the housing. In-line cleaning can be performed easily.

*When using Ez-change capsules, be sure to use the holder.



Bypass Capsule
Ordering Information
B-XW Bypass Capsule

Capsule Filter Housing Ordering Information

Housing Type	Length of Built-in Filter Cartridge	Number of Built-in Filters	Connecting diameter/configuration	Capsule Filter Cartridge Type
MIDP-	2 5 0	-7-	1.5S-	X W
	125 = 125 mm 250 = 250 mm 500 = 500 mm	7 = 7pcs	1.5S = IDF 1.5S•Ferrule	XW = No Air Vent AW = With Upstream Air Vent

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

*When used for filtration of organic solvents, antistatic measures may be required.

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

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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.



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