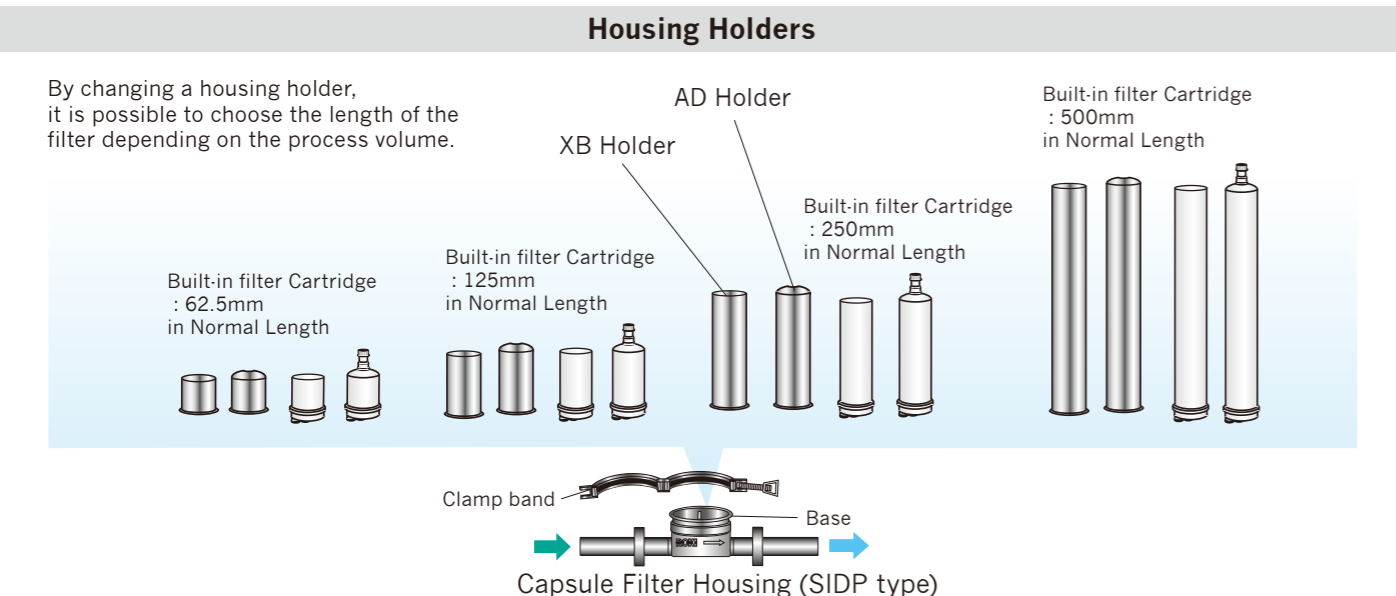


## Accessory part

### Process Volume Change



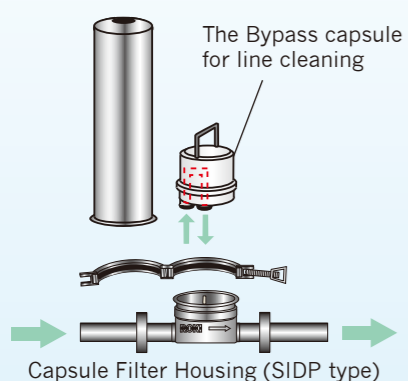
### Line Cleaning

#### Bypass Capsule



This is a part made of polypropylene for making a bypass from inlet to outlet of the housing.

- In-line Cleaning can be performed easily.
- The recombination work of line piping is unnecessary at the time of cleaning.



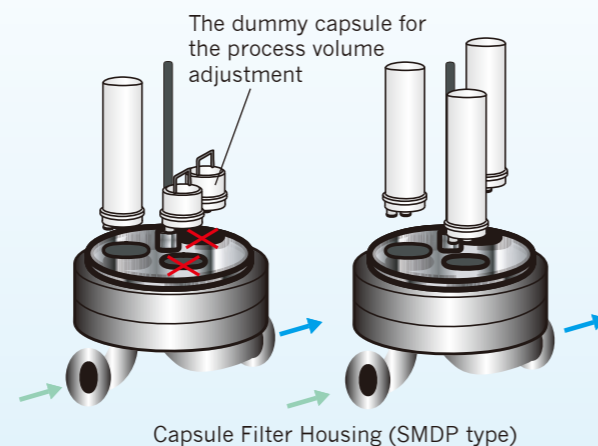
### Process Volume Adjustment

#### Dummy Capsule



Exclusive Part made of polypropylene for SMDP housing. By using this part, it enables to change the number of capsule filters.

- Depending on a process volume, it allows to change the number of capsule filters.



### Accessory Ordering Information

#### B-XB Bypass Capsule

[Accessory]  
B-XB Bypass Capsule  
(Available for Capsule Filter Housing SIDP / SMDP)

### Accessory Ordering Information

#### SMDC Dummy Capsule

[Accessory]  
SMDC Dummy Capsule  
(Available for Capsule Filter Housing SMDP)

\* For other accessories (housing holders, check valve actuating pins), inquire our sales representatives.

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

## Ez-Change™

Capsule Filter Cartridge

# XB·AD

(Single Type)

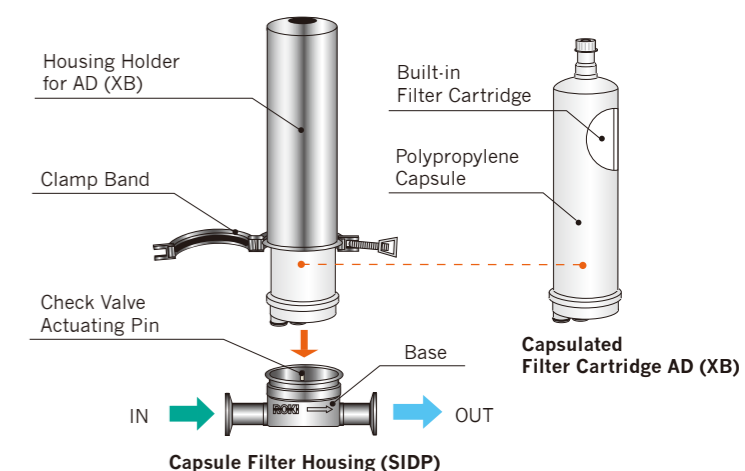
Ez-Change™ XB·AD Capsule Filter Cartridge and Housing are evolutionary filter and housing that solve problems such as “time and effort in exchanging filters”, “Dripping of liquid”, “cleaning when exchanging filters” and “complicated filter setting” which are the weak points of conventional filter cartridges.

## Features

- By covering the filter cartridge itself by the capsule made of polypropylene, the liquid inside the capsule will not be exposed outside. An improvement of work environment is possible.
- Since Ez-Change prevents operators from direct contact with liquid harmful to the human at the time of filter exchange, Ez-Change realizes easy and safe filter change.
- Since Ez-Change does not require an operation to clean the housing at the time of filter exchange, exchange time will be significantly reduced.
- Since Ez-Change has a simple design, It allows operators to set a filter for certain and without error.
- By optimizing the clearance of a capsule wall and built-in filter, it can reduce liquid-loss drastically.



## Construction

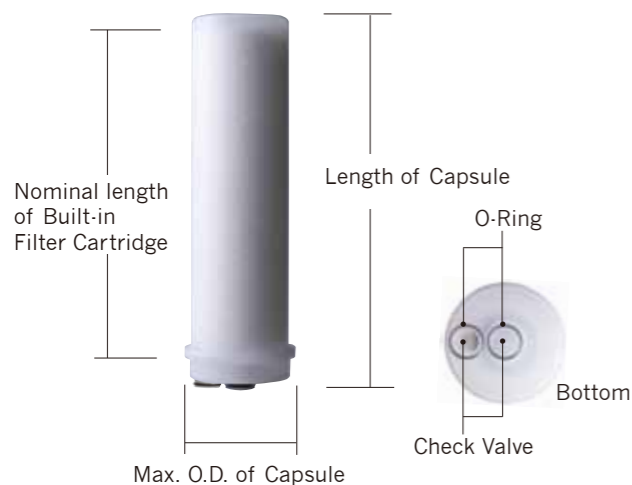


## Applications

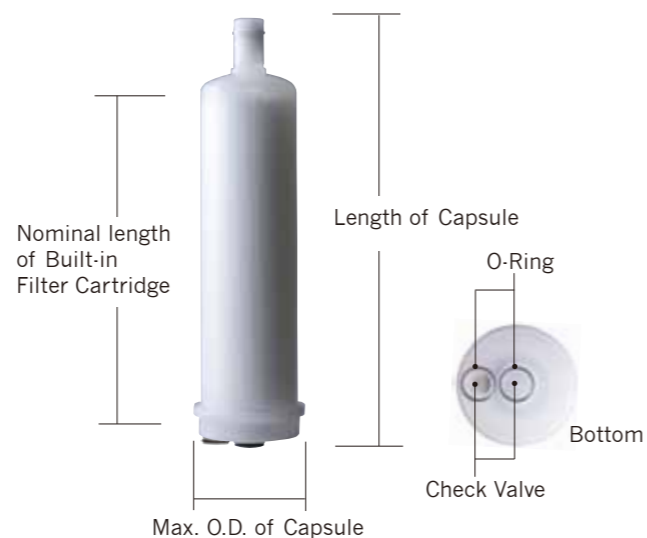
- Coating liquids
- Slurries
- Paints, inks, and pastes
- Solvents
- Liquids containing hazard materials

## Capsule filter cartridge Lineup

### XB (W/o Air Vent)



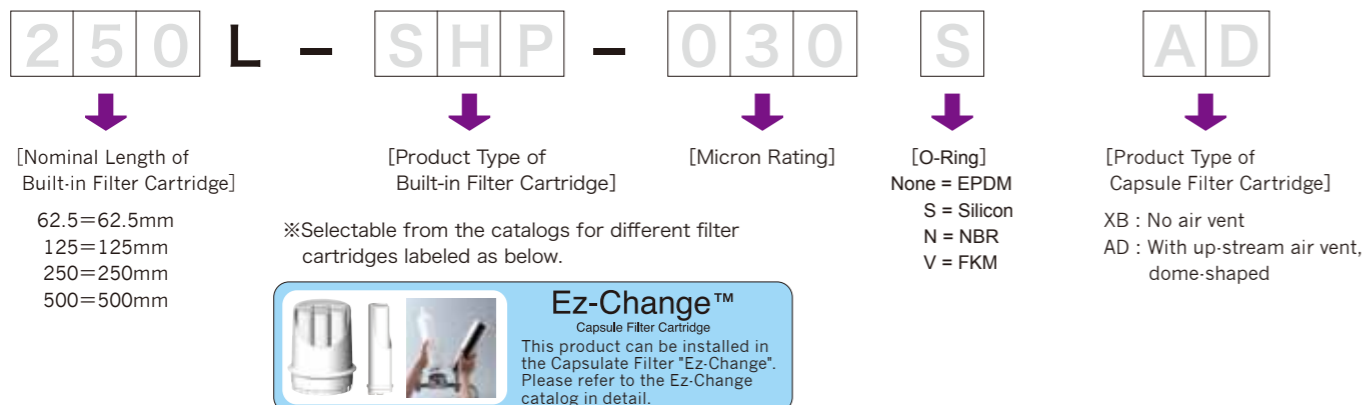
### AD (W/ Primary Air Vent, Dome-Shaped)



## Capsule Filter Cartridge Specification

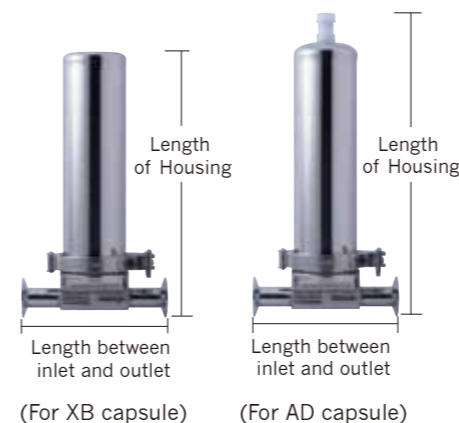
Product type	XB	AD
Nominal length of built-in filter cartridge (mm)	62.5 / 125 / 250 / 500	
No. of built-in filters	1pc	
Length of capsule (mm)	100 / 166 / 294 / 544	149 / 215 / 339 / 589
Max. O.D. of capsule (mm)	φ88	
Capsule material	Polypropylene	
Check valve material	Seal : Polypropylene Spring : Stainless steel	
O-Ring material	EPDM / Silicon / NBR / FKM	
Air vent function	No air vent	Up-stream side air vent
Screw size of air vent cap	—	G 1/4
Max. operating differential pressure (encapsulated filter)	See catalog for the built-in filter cartridge.	
Max. operating temperature	40°C	

## Capsule Filter Cartridge Ordering Information



## Capsule filter housing lineup

### SIDP



Since the base portion of XB and AD type is common, this base can be used for both types by changing only the holder. This concept allows to choose the length or /and the type of capsule by changing the type of holder.

### SMDP



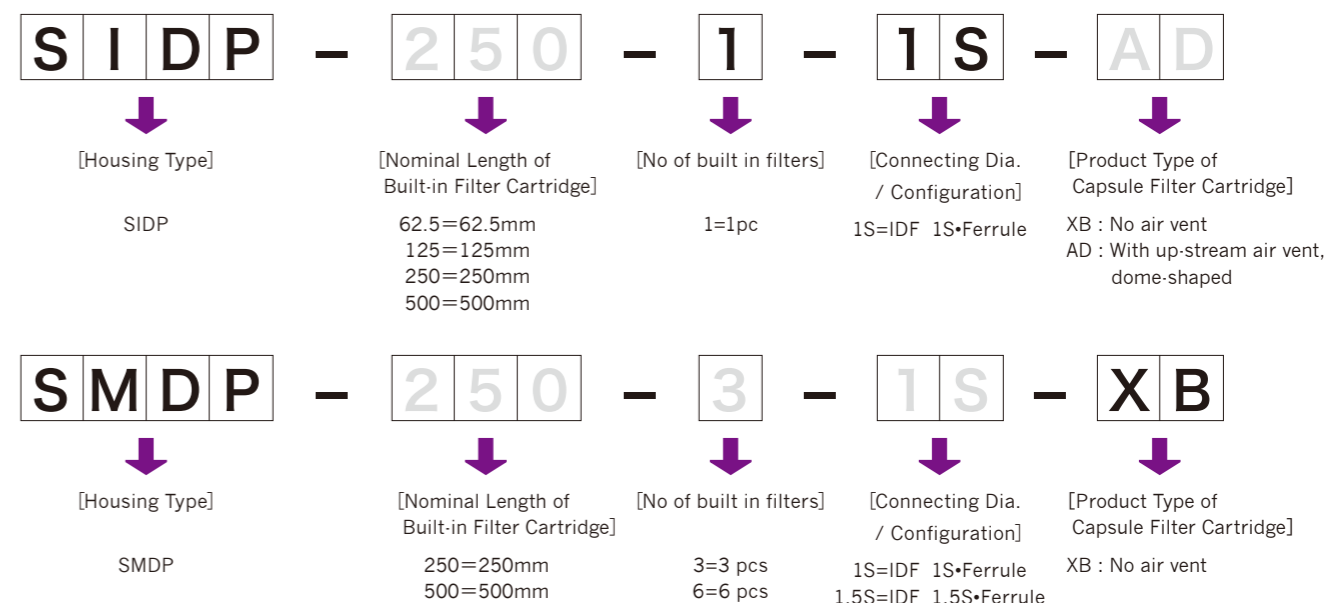
This housing allows to choose the length of capsule by changing the length of holder. This housing allows to set more than one filter at once (choice of 3pcs or 6pcs) And by using optional dummy capsule, it also enables to change the number of filter depending on the liquid volume.

## Capsule filter housing Specification

Product type	SIDP		SMDP			
	XB	AD	XB			
Corresponding encapsulated filter cartridge type						
Nominal length of built-in filter cartridge (mm)	62.5 / 125 / 250 / 500		250		500	
No. of built-in filters	1pc		3pcs	6pcs	3pcs	6pcs
Length of housing (mm)	150 / 216 / 346 / 596		880	890	1130	1140
Distance. Inlet and Outlet (mm)	181		Mount height : 468	Mount height : 480	Mount height : 468	Mount height : 480
Connecting diameter / configuration	IDF 1S • Ferrule		IDF 1S • Ferrule	IDF 1.5S • Ferrule	IDF 1S • Ferrule	IDF 1.5S • Ferrule
Housing material	SUS 304 (Liquid contact area : Conductive FEP coating)					
Designed pressure (housing)	0.69MPa					
Designed temperature (housing)	40°C					

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

## Capsule Filter Housing Ordering Information



\* The connecting diameter of the 3-filter housing is of the 1S type.  
\* The connecting diameter of the 6-filter housing is of the 1.5S type.