

LABO-PURE

LPS • M Type

Major Applications

Lab-scale evaluation of various liquids

Small to medium scale production applications



Features

- Polypropylene capsule filter with no housing required
- Six (6) types of connector options are available.
- Wide selection of built-in filters

Advantages

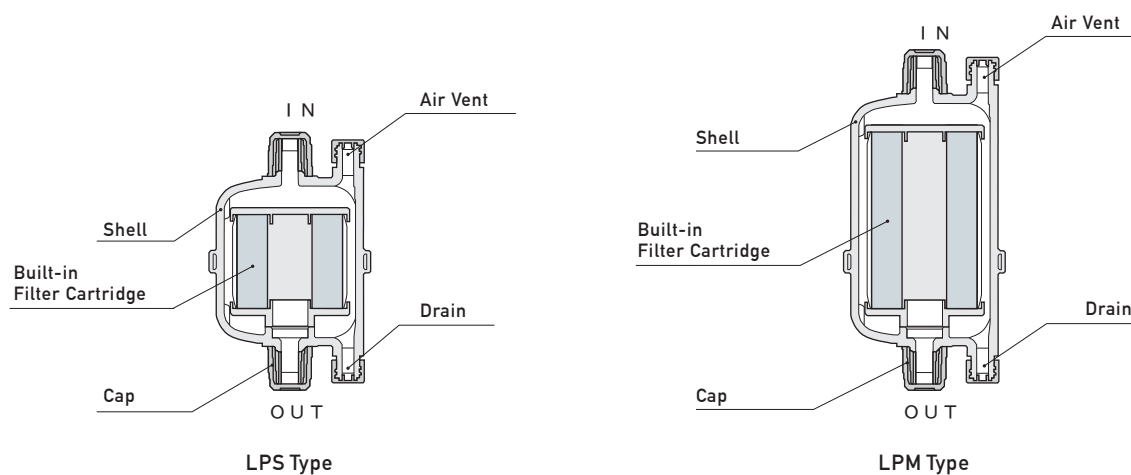
- No need to clean housing
- Simple filtration evaluation
- Can be selected according to the use environment.
- Vent and drain available.

Liquid loss by size

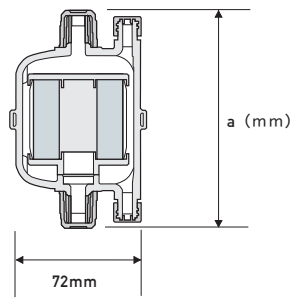
	Built-in filter length	Liquid loss volume
LPA	25mm	132ml
LPB	62.5mm	269ml
LPE	125mm	499ml
LPJ	250mm	957ml
LPS	50mm	127ml
LPM	100mm	218ml
LPX	125mm	532ml
LPD	-	a little

* The amount of liquid is manufacturer calculated value. This value may increase or decrease depending on the type of built-in filter.

Internal structure

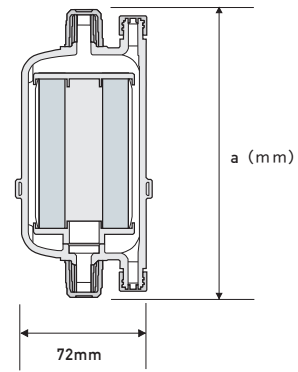


Code and Dimension



L P S Type

Joint code	S 2	S 3	S 6	N 1	H
a (mm)	105	99	105	110	110



L P M Type

Joint code	S 2	S 3	S 6	N 1	H	F 2
a (mm)	149	143	149	154	154	168

Connector options

Joint shape of connectors						
Joint code	S2	S3	S6	N1	H	F2 (For LPM only)
IN/OUT	Swagelok type			NPT 1/4 inch	Hose Nozzle	Flowell 60 series type
IN/OUT Tube	O.D. 1/4 inch	O.D. 3/8 inch	O.D. 6mm	-	I.D. 13mm	O.D. 1/4 inch · 6mm
Vent/Drain	Swagelok type			NPT 1/8 inch	NPT 1/8 inch	NPT 1/8 inch
Vent/Drain Tube	O.D. 1/4 inch	O.D. 1/4 inch	O.D. 1/4 inch	-	-	-

* Fittings for the capsule are not included.

Specifications

Product type	LPS	LPM
Built-in filter length	50mm	100mm
O.D. of Shell	φ 72mm	
Filter	Refer to the material of the selected inside filter.	
Shell	Polypropylene	
Vent Cap	Polyethylene	
Protective caps for Inlet and Outlet	Polyethylene	
Maximum Operating Pressure	0.39MPa at 20°C (57psi at 68°F)	
Maximum Operating Temp	60°C (140°F)	

* Please remove the protective caps before use. F2 does not have the protective caps.

Ordering Information

Built-in filter length	Filter Cartridge Product Type	Micron Rating	Joint code
LP S	- M P X -	0 1 2	- S 2
S = 50 mm M = 100 mm	* Please refer to the catalogs and specify the part number. (Some part numbers are not available.)	* For Micron rating, please refer to each filter catalog.	S2 N1 S3 H S6 F2 * For LPM only

* 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.



ISO 9001
JQA-QMA16323

JAB
MIS
CM009

14th Issue

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