

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

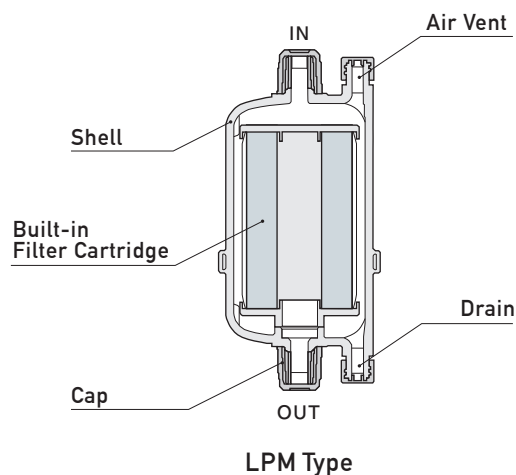
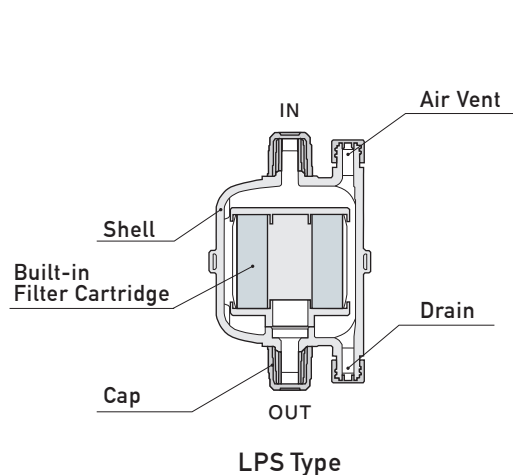
- No need to clean housing
- Simple filtration evaluation
- Can be selected according to the use environment.
- Vent and drain available.

Liquid loss by size

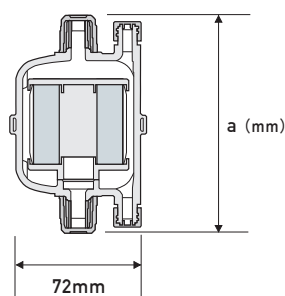
	Built-in filter length	Liquid loss volume
LPA	25mm	132ml
LPH	62.5mm	269ml
LPE	125mm	499ml
LPJ	250mm	957ml
LPS	50mm	127ml
LPM	100mm	218ml
LPX	125mm	532ml
LPD	-	a little

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

Internal structure

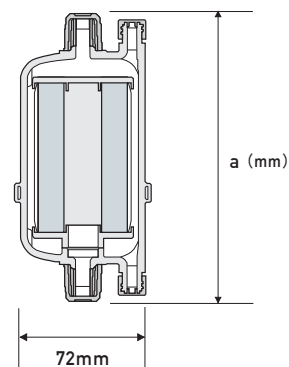


Code and Dimension



LPS Type

Joint code	S2	S3	S6	N1	H
a (mm)	105	99	105	110	110



LPM Type

Joint code	S2	S3	S6	N1	H	F2
a (mm)	149	143	149	154	154	168

Connector options

Joint shape of connectors	S2		S3		S6		N1		H		F2 (For LPM only)	
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	φ72mm	
Filter	Refer to the material of the selected inside filter.	
Materials	Polypropylene	
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

LP S

S = 50 mm
M = 100 mm

Filter Cartridge Product Type

- M P X -

* Please refer to the catalogs and specify the part number. (Some part numbers are not available.)

Micron Rating

0 1 2

* For Micron rating, please refer to each filter catalog.

Joint code

- S 2

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
IMS
CM009

13th Issue
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