

**LABO-PURE**
**LPA · H · E · J Type**
**Major Applications**

Lab-scale evaluation of various liquids

Small to medium scale production applications


**Features**

- Polypropylene capsule filter with no housing required
- Four (4) types of connector options are available.
- Wide selection of built-in filters

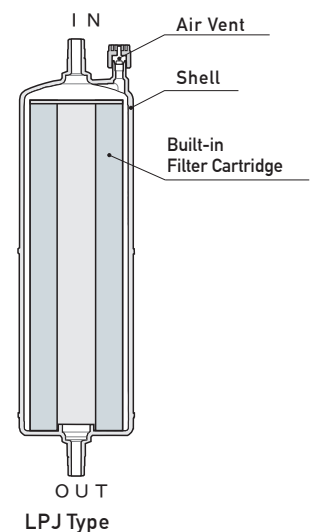
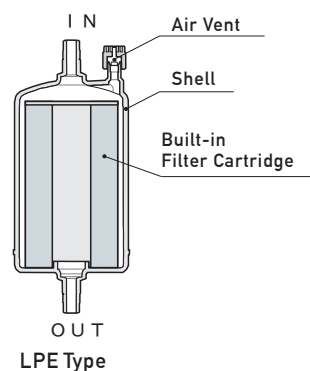
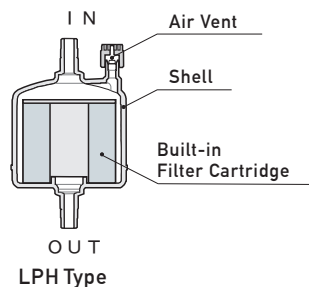
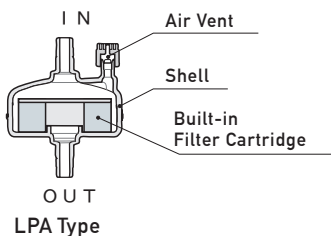
**Advantages**

- No need to clean housing
- Simple filtration evaluation
- Can be selected according to the use environment.
- Filters can be selected according to the purpose.

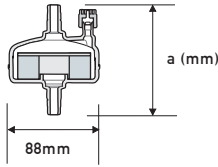
**Liquid loss by size**

	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.

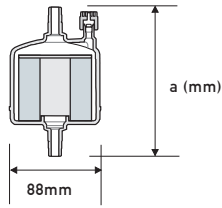
**Internal structure**


## Code and Dimension



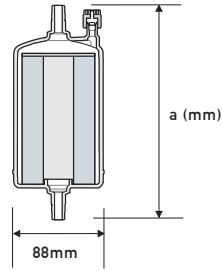
LPA Type

Joint code	H	N2	N3	F3
a (mm)	118	112	112	118



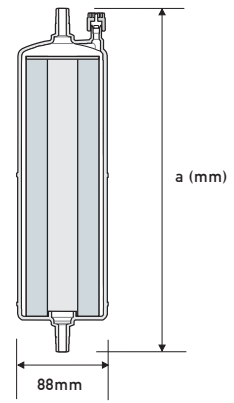
LPH Type

Joint code	H	N2	N3	F3
a (mm)	154	148	148	154



LPE Type

Joint code	H	N2	N3	F3
a (mm)	216	210	210	216



LPJ Type

Joint code	H	N2	N3	F3
a (mm)	341	335	335	341

## Connector options

Joint shape of connectors				
Joint code	H	N2	N3	F3
IN/OUT	Hose Nozzle	NPT 1/4 inch	NPT 3/8 inch	Flowell 60 series type
IN/OUT Tube	I.D. 12mm	-	-	O.D. 3/8 inch
Vent/Drain	Swagelok type			
Vent/Drain Tube	O.D. 1/4 inch	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	LPA	LPH	LPE	LPJ
Built-in filter length	25mm	62.5mm	125mm	250mm
O.D. of Shell	φ 88mm			
Filter	Refer to the material of the selected inside filter.			
Materials	Polypropylene			
Shell	Polypropylene			
Vent Cap	Polypropylene			
Maximum Operating Pressure	0.39MPa at 20°C (57psi at 68°F)			
Maximum Operating Temp	60°C (140°F)			
Sterilization method	Autoclavable (135°C for 30 minutes)			

\*Please remove the vent cap when autoclaving.

\*Many ROKI TECHNO filters can be built in, but some are not available. Please contact us about available filters.

\*Joint code F3 is not autoclavable.

## Ordering Information

Built-in filter length	Filter Cartridge Product Type	Micron Rating	Joint code
LP <b>E</b>	- <b>SHP</b> -	<b>050</b>	- <b>N2</b>
▼	▼	▼	▼
A = 25 mm H = 62.5 mm E = 125 mm J = 250 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.	H N2 N3 F3

\*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.



20th Issue  
LPA,H,E,J201001E