

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

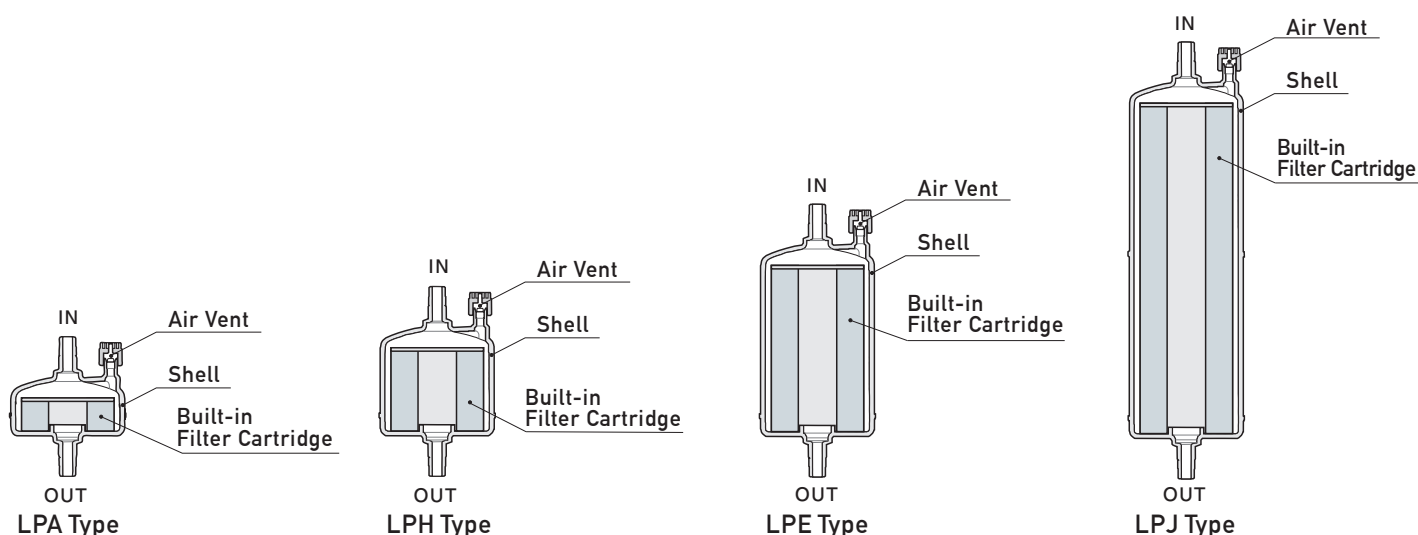
- No need to clean housing
- Simple filtration evaluation
- Can be selected according to the use environment.
- Filters can be selected according to the purpose.

### Liquid loss by size

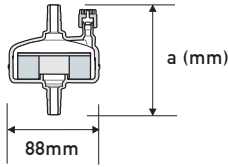
	Built-in filter length	Liquid loss volume
LPA	25mm	132ml
LPH	62.5mm	269ml
LPE	125mm	499ml
LPJ	250mm	957ml
LPS	50mm	127ml
LPM	100mm	218ml
LPX	125mm	532ml
LPD	-	a little

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

### Internal structure

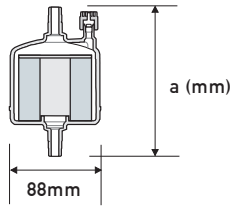


## Code and Dimension



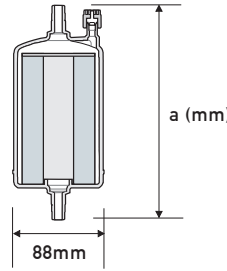
LPA Type

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



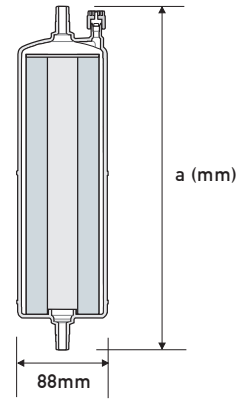
LPH Type

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	φ88mm			
Filter	Refer to the material of the selected inside filter.			
Materials	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.

## Ordering Information

Built-in filter length	Filter Cartridge Product Type	Micron Rating	Joint code
L P E	- S H P -	0 5 0	- N 2
▼	▼	▼	▼
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.



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