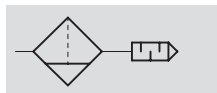



## Filter silencers LFU


Technical data


FESTO

### Function



-  - Flow rate  
4,000 ... 12,500 l/min

-  - Temperature range  
-10 ... +100 °C

-  - Input pressure  
0 ... 16 bar

All exhaust air from pneumatic control systems is cleaned by the filter silencer.

Exhaust air is discharged into the atmosphere via a fine filter cartridge (degree of filtration: >99.99%).

At the same time, exhaust noise is greatly reduced. Condensate is collected in the lower plastic bowl and can be discharged via the condensate drain.



- Exhaust air is up to 99.99% free of oil and other contaminants.
- The silencer reduces exhaust noise regardless of frequency.
- Condensate drain, manual rotary.

General technical data				
Size	G1/4	G3/8	G1/2	G1
Pneumatic connection	G1/4	G3/8	G1/2	G1
Mounting position	Vertical ±5°			
Flow rate <sup>1)</sup> [l/min]	≥4,000	≥4,700	≤6,000	≤12,500
Input pressure [bar]	0 ... 16			
Noise reduction <sup>1)</sup>	Reduction of 40 db(A)		>40 db(A)	

1) At 6 bar with respect to atmosphere.

-  - Note: This product conforms with the ISO 1179-1 standard and the ISO 228-1 standard.

Ambient conditions		
Ambient temperature [°C]	-10 ... +60	0 ... +100
Corrosion resistance CRC <sup>1)</sup>	2	

1) Corrosion resistance class 2 according to Festo standard 940 070

Components requiring moderate corrosion resistance. Externally visible parts with primarily decorative surface requirements which are in direct contact with a surrounding industrial atmosphere or media such as cooling or lubricating agents.

Weights [g]				
Size	G1/4	G3/8	G1/2	G1
Filter silencer	190	190	570	1,010

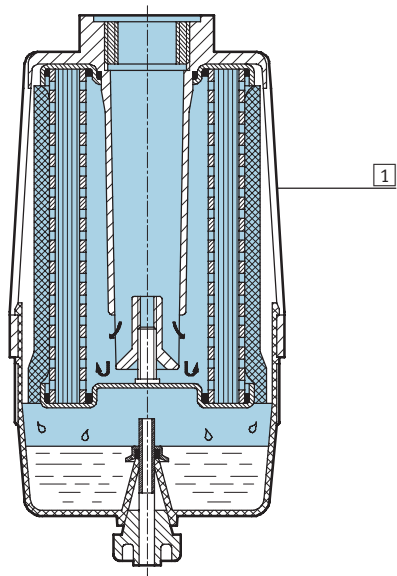
# Filter silencers LFU

Technical data



## Materials

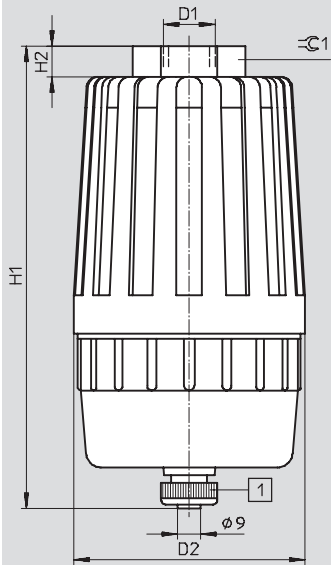
Sectional view



Filter silencer		
1	Housing	Polypropylen
	Note on material	Free of copper and PTFE

## Dimensions and ordering data

Download CAD data → [www.festo.com/en/engineering](http://www.festo.com/en/engineering)



1 Condensate drain, manual rotary

Connection	D1	D2	H1	H2	≙C1	Part No.	Type
G1/4	G1/4	77	131	7	26	539 132	LFU-1/4  New
G3/8	G3/8	77	131	7	26	539 133	LFU-3/8  New
G1/2	G1/2	90	180	12	41	10 494	LFU-1/2
G1	G1	100	252	15	50	10 495	LFU-1

- || - Note: This product conforms with the ISO 1179-1 standard and the ISO 228-1 standard.

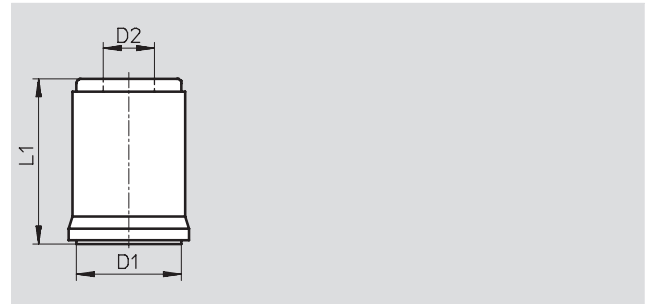
## Filter silencers LFU


Accessories

**FESTO**

### Filter cartridge LFPU

Note on material:  
Free of copper and PTFE



Dimensions and ordering data					
For connection	D1 Ø	D2 Ø	L1	Part No.	Type
G1/4, 3/8	60	28	69	<b>539134</b>	<b>LFPU-1/4-3/8</b>  New
G1/2	70	34.8	110	<b>10 496</b>	<b>LFPU-1/2</b>
G1	82	42.8	180	<b>10 497</b>	<b>LFPU-1</b>