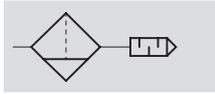


Filter silencers LFU

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 ¹⁾	[l/min]	≥4,000	≥4,700	≤6,000
Input pressure	[bar]	0 ... 16		
Noise reduction ¹⁾		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
Corrosion resistance	CRC ¹⁾	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

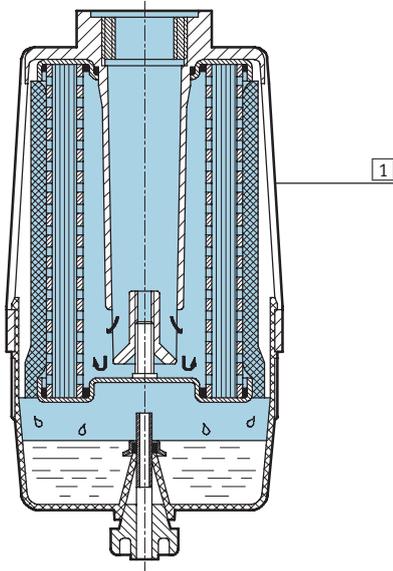
Filter silencers LFU

Technical data

FESTO

Materials

Sectional view

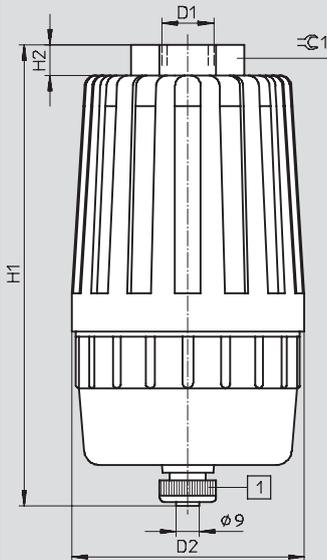


Filter silencer

1	Housing	Polypropylen
	Note on material	Free of copper and PTFE

Dimensions and ordering data

Download CAD data → www.festo.com



1 Condensate drain, manual rotary

Connection	D1	D2	H1	H2	≅1	Part No.	Type
G $\frac{1}{4}$	G $\frac{1}{4}$	77	131	7	26	539 132	LFU- $\frac{1}{4}$
G $\frac{3}{8}$	G $\frac{3}{8}$	77	131	7	26	539 133	LFU- $\frac{3}{8}$
G $\frac{1}{2}$	G $\frac{1}{2}$	90	180	12	41	10 494	LFU- $\frac{1}{2}$
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.

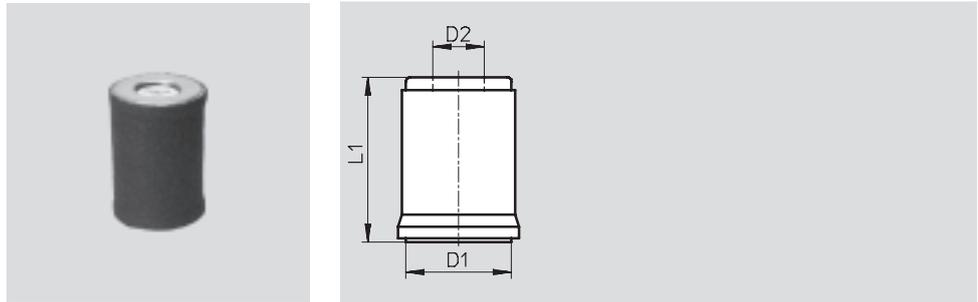
Filter silencers LFU

Accessories

FESTO

Filter cartridge LFPU

Note on material:
Free of copper and PTFE



Dimensions and ordering data					
For connection	D1	D2	L1	Part No.	Type
	Ø	Ø			
G $\frac{1}{4}$, $\frac{3}{8}$	60	28	69	539134	LFPU- $\frac{1}{4}$ - $\frac{3}{8}$
G $\frac{1}{2}$	70	34.8	110	10 496	LFPU- $\frac{1}{2}$
G1	82	42.8	180	10 497	LFPU-1