

Filter Silencer LFU

FESTO



Centralised!

The filter silencer cleans all exhaust air from pneumatic control systems and reduces exhaust noise. Condensate is collected in the lower plastic bowl and is discharged via the condensate drain.

A clean affair

No contamination of the surrounding air, the production process, the workpieces or the workplace occurs, thanks to reliable filtration of oil, water and dirt.

Faster and more convenient

Only one easy replacement of a single centrally-located cartridge is needed instead of replacement of many small silencers at separate points.

Healthier and quieter

Low noise pollution for workers due to a noise reduction of 40 dB (at 6 bar with respect to the atmosphere).



Filters out contaminants

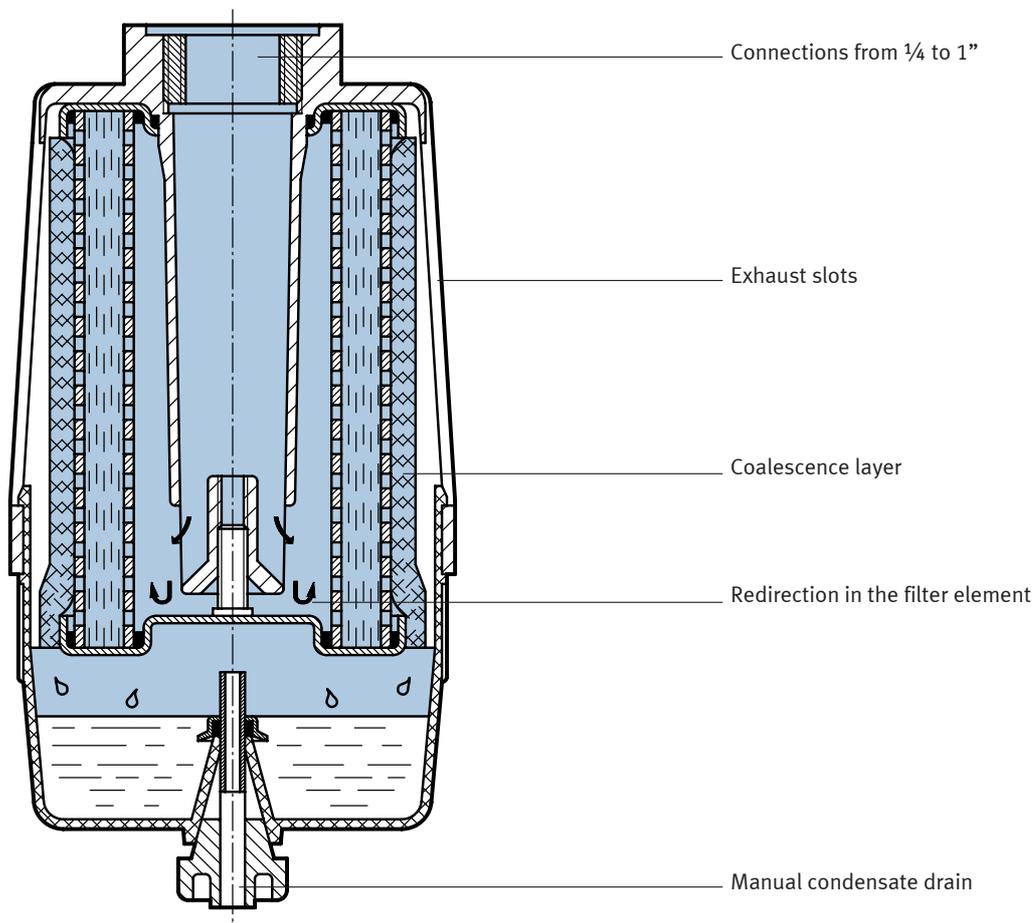
Reduces noise

Easy to maintain

414.1. PSI →

Product Short Information

Filter Silencer LFU



Function

The exhaust air flows through the filter element and passes into the surrounding air through the exhaust slots. The noise reduction takes place through the redirection of the air flow in the filter element, and the separation of oil takes place via a new coalescence layer (droplet block). The filter bowl is emptied via a manual condensate drain.



Type	LFU-1/4	LFU-3/8	LFU-1/2	LFU-1
Part no.	539132	539133	10494	10495
Supply pressure [bar]	0 to 16			
Ambient temperature [°C]	-10° to +60°		0 to +100	
Standard nominal flow rate at 6 bar with respect to the atmosphere [l/min]	4000	4700	6000	12500
Grade of filtration [µm]	1			
Air purity class DIN ISO 8573-1	2.7.3			
Noise reduction [dB]	40			
Residual oil content [mg/m³]	1			
Corrosion resistance class	2			
PWIS criterion according to FN942010	Free of paint wetting impairment substances			
CT-free	Compliant			
Degree of filtration	99.99%			
Recommended replacement interval for use of the filter cartridge	After approx. 1000 hrs.			

Festo AG & Co. KG

Ruiter Strasse 82
73734 Esslingen
Internet www.festo.com
Tel. ++49 (0)711 347-0
Fax ++49 (0)711 347-2144
E-mail service_international@festo.com