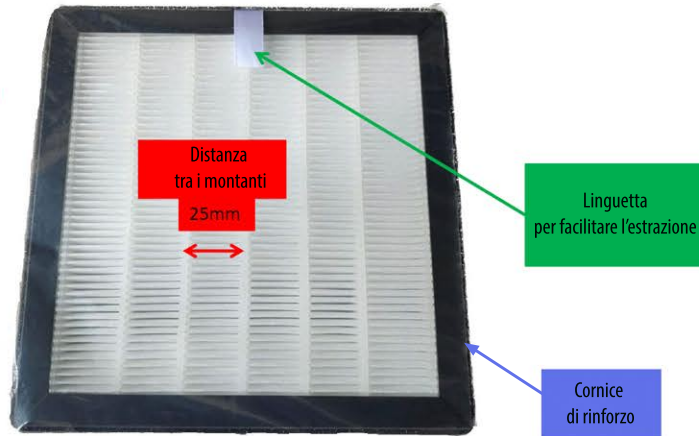


FILTRO F7

Filtro a celle plissettate F7 ad alta efficienza con telaio per flussi di immissione ed estrazione



CNAS L8342

Report № 0134-23A-01

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GTTlaboratory

ISO 16890-1: 2016; ISO 16890-2:2016

Clause	Requirement + Test	Result - Remark	Verdict
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Results summary:

Test status: The tests were carried out on the new sample; One sample was tested.

Table 1 Initial pressure loss; ISO 16890-2:2016, Cls. 9.2		--
Test air flow rate (m ³ /h)		500
Sample No.		Pressure loss (Pa)
23-0134-01		297

Table 2 Initial fractional efficiency; ISO 16890-2:2016, Cls. 9.3		--
Test flow rate (m ³ /h)		500
Test dust / Aerosol		KCl (10%)
Sample no.		23-0134-01
Particle-size, µm		Efficiency, E, 95%, min (%)
0.30-0.40		61.7
0.40-0.55		70.0
0.55-0.70		72.2
0.70-1.00		77.3
1.00-1.30		83.8
1.30-1.60		86.9
1.60-2.20		88.4
2.20-3.00		90.3
3.00-4.00		90.5
4.00-5.50		94.9
5.50-7.00		95.1
7.00-10.0		100

Table 3 Calculation of PM-efficiencies; ISO 16890-1:2016, Cls. 7.2		
Test flow rate (m ³ /h)		500
Test dust / Aerosol		KCl (10%)
Sample no.		23-0134-01
ePM1 (%)	ePM2.5 (%)	ePM10 (%)
69	75	89

(Technical Data Sheet):

(Material)	PP Melt-blown and PET Layer	
(Item)	(Unit)	(Value)
(Thickness)	mm	0.40-0.42
(Basis Weight)	g/m ²	70.5
(Efficiency)	%	71.0-73.7%
(Air Resistance)	Pa	3.8-3.9
(Stiffness)	mg	300-350