

ERISSOF CEILING HOOD MODULE FILTERS



TYPICAL APPLICATIONS

Ceiling hood filters are used in pharmaceutical, electronic, food processing and other industries requiring a very high degree of clean air.

The hoods are typically installed in an inverted T-bar grid suspended from the ceiling. When a unit reaches its maximum suggested pressure drop, the entire module is discarded.

TECHNICAL CHARACTERISTICS

MEDIA = Glass fibre paper.

SEPARATORS = Cotton threads with hot melt gluing.

FRAME = Anodized aluminium profile with thermoformed plastic plenum.

FACE GUARDS = Epoxy painted expanded aluminium grids on both sides.

SEALANT = Two components cold moulded polyurethane.

DIFFUSER = Helicoidal grid in epoxy painted steel RAL 9010

EFFICIENCY

EUROVENT 4/4 FILTRATION CLASS			CEN-EN 1822 FILTRATION CLASS		
CODE	CLASS	Initial Efficiency Ei %	CLASS	Filters global efficiency % for MPPS particles	Local efficiency % for MPPS particles
AH	EU10	$95 \leq Ei < 99,9$	H10	$\geq 85 \%$	-
ST	EU13	$99,99 \leq Ei < 99,999$	H13	$\geq 99,95 \%$	99,75 %
SU	EU14	$99,999 \leq Ei$	H14	$\geq 99,995 \%$	99,975 %
SV	-		U15	$\geq 99,9995 \%$	99,9975 %

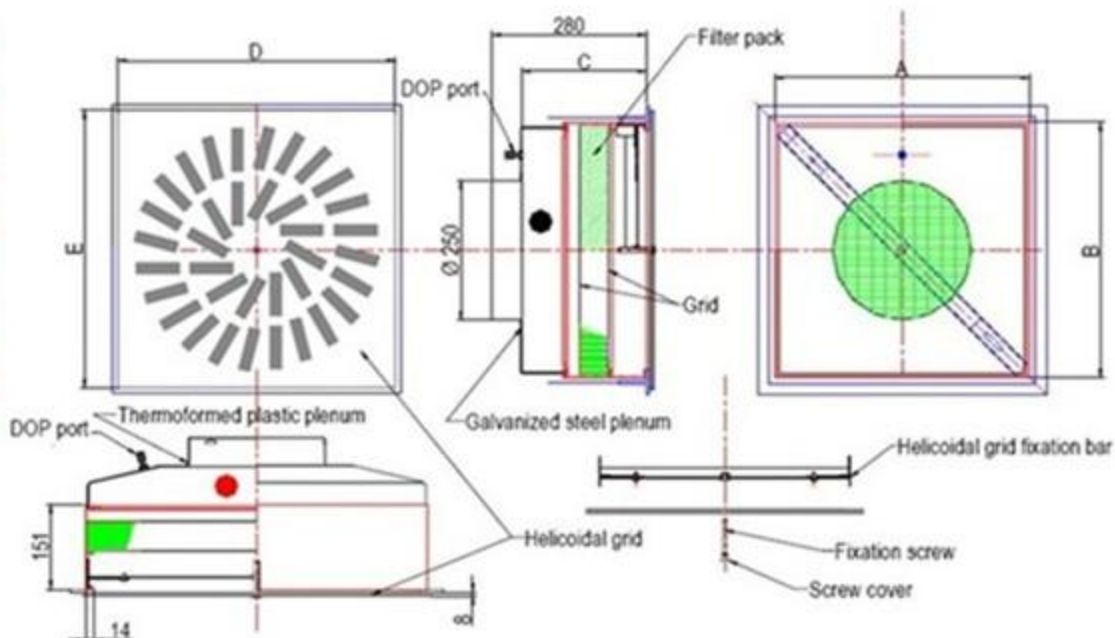
TESTING = Each filter individually tested according to EN 1822 standard.

TEMPERATURE = 80°C max.

RELATIVE HUMIDITY = 100% max.

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CODE	Dimensions					Flow rate at 0,6 m/s	Filtering surface	Initial Pressure Drop Pa				Volume m³	Weight kg
	A	B	C	D	E	m³/h	m²	AH	SV	ST	SU		
RE42__00	457	457	230	500	500	450	6,2	110	200	160	170	0,060	7,80
RE52__00	595	595	230	625	625	750	10	110	200	160	170	0,100	9,50
RE62__00	610	610	230	625	625	800	11	110	200	160	170	0,105	10
RE72__00	762	762	230	825	825	1200	16	110	200	160	170	0,165	12,5

- ⇒ All the executions are fitted with DOP/ΔP port and perforated fixed baffle
- ⇒ Suggested final pressure drop ≤ 600Pa
- ⇒ Maximum pressure drop ≤ 1000 Pa.
- ⇒ Each filter is supplied with single certificate (MPPS)

Spare filters (New code 10 instead of 00)

RE42__10	457x457x230
RE52__10	595x595x230
RE62__10	610x610x230
RE72__10	762x762x230