

ERISCAP CN

CEILING HOOD FILTERS



TYPICAL APPLICATIONS

Ceiling hood filters are used in pharmaceutical, electronic, food processing and other industries requiring a very high degree of clean air. They are designed for use in laminar flow Cleaning Rooms.

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 150 mm deep.

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

SEALANT = Two components cold moulded polyurethane.

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	EU11	$99,9 \leq Ei < 99,97$	H11	$\geq 95 \%$	-
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 %

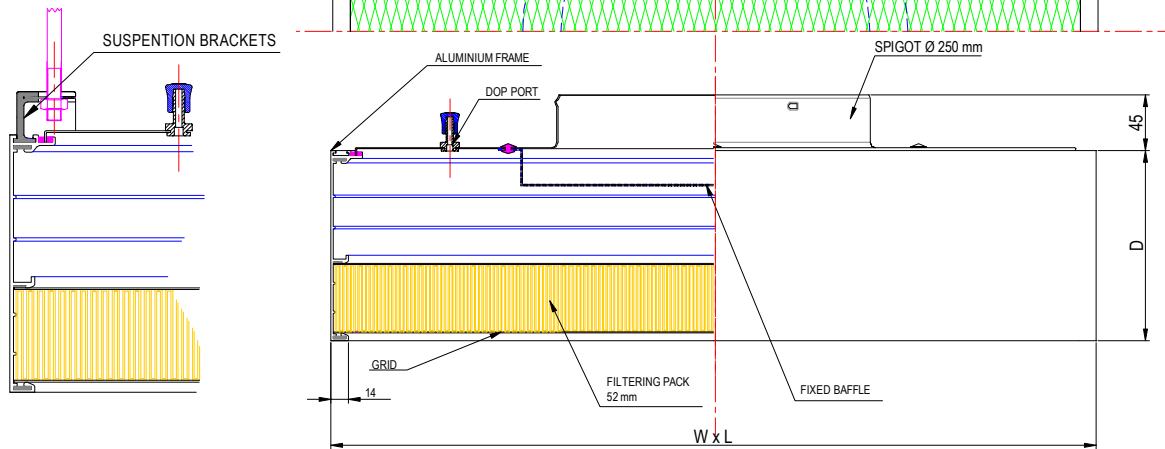
TESTING = Each filter individually tested according to EN 1822 standard.

TEMPERATURE = 80°C max.

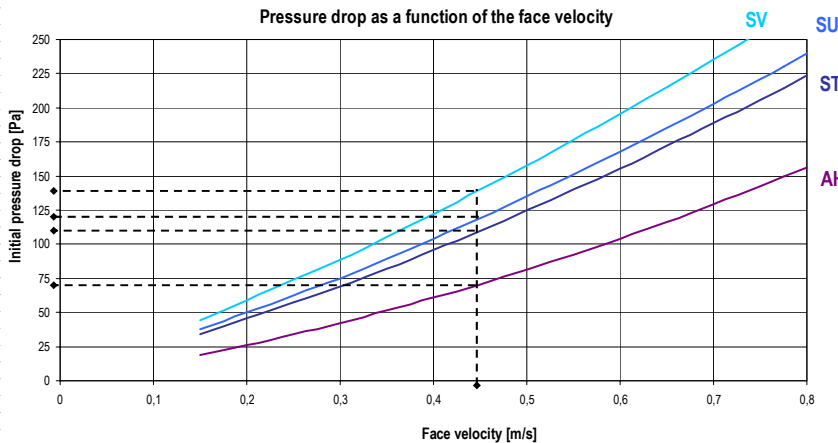
RELATIVE HUMIDITY = 100% max.

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CODE	Dimensions W x L x D mm	Flow rate (0,45 m/s) m³/h	Filtering surface m²	Initial Pressure Drop Pa				Volume m³	Weight kg
				AH	ST	SU	SV		
CN61_00	305 x 610 x 150	300	5,5	70	110	120	140	0,036	7,00
CN62_00	610 x 610 x 150	600	11,0	70	110	120	140	0,073	10,00
CN63_00	915 x 610 x 150	900	16,5	70	110	120	140	0,109	13,00
CN64_00	1220 x 610 x 150	1200	22,0	70	110	120	140	0,145	16,00
CN71_00	300x 600 x 150	300	5,4	70	110	120	140	0,035	7,00
CN72_00	600x 600 x 150	600	10,8	70	110	120	140	0,070	10,00
CN73_00	905x 600 x 150	900	16,0	70	110	120	140	0,106	13,00
CN74_00	1210x 600 x 150	1200	21,5	70	110	120	140	0,142	16,00
CN57_00	1195x 595 x 150	1100	21,0	70	110	120	140	0,122	15,50



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

Special Executions on request	New code	(instead of)
Perforated aluminium screen	F0	(00)
Perforated stainless steel screen	X0	(00)
Corner suspension brackets	SB	(00)
Different spigot diameter (standard \varnothing 250 mm)		
Antibacterial media		

Subject to change without prior notice