

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	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 %

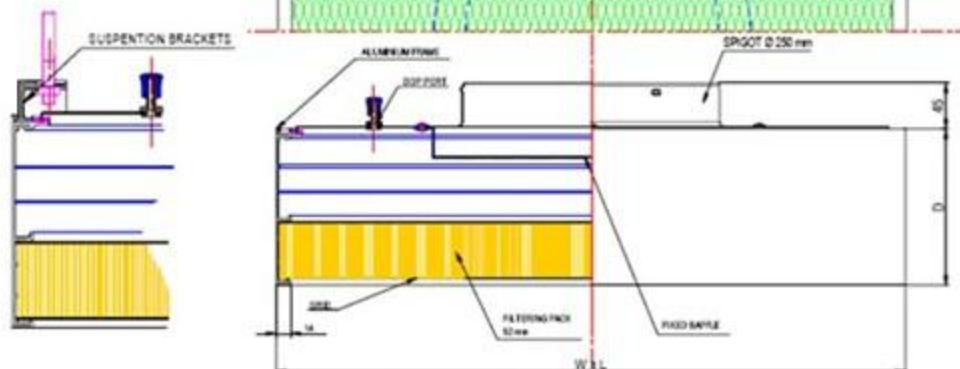
TESTING = Each filter individually tested according to EN 1822 standard.

TEMPERATURE = 80°C max.

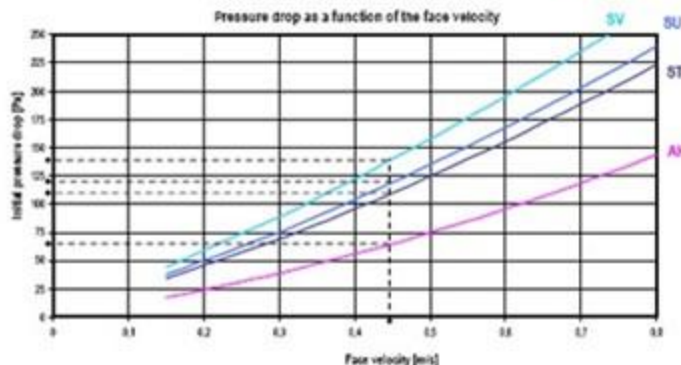
RELATIVE HUMIDITY = 100% max.

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CODE	Dimensions 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	65	110	120	140	0,036	7,00
CN62_00	610 x 610 x 150	600	11,0	65	110	120	140	0,073	10,00
CN63_00	915 x 610 x 150	900	16,5	65	110	120	140	0,109	13,00
CN64_00	1220 x 610 x 150	1200	22,0	65	110	120	140	0,145	16,00
CN71_00	300x 600 x 150	300	5,4	65	110	120	140	0,035	7,00
CN72_00	600x 600 x 150	600	10,8	65	110	120	140	0,070	10,00
CN73_00	905x 600 x 150	900	16,0	65	110	120	140	0,106	13,00
CN74_00	1210x 600 x 150	1200	21,5	65	110	120	140	0,142	16,00
CN57_00	1195x 595 x 150	1100	21,0	65	110	120	140	0,122	15,50



- 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)

Special Executions on request

Perforated aluminium screen
Perforated stainless steel screen
Corner suspension brackets
Different spigot diameter (standard Ø 250 mm)
Antibacterial media

New code (instead of)

F0 (00)
X0 (00)
SB (00)