

ERISRAC RN

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 with thermoformed plastic plenum..

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 %

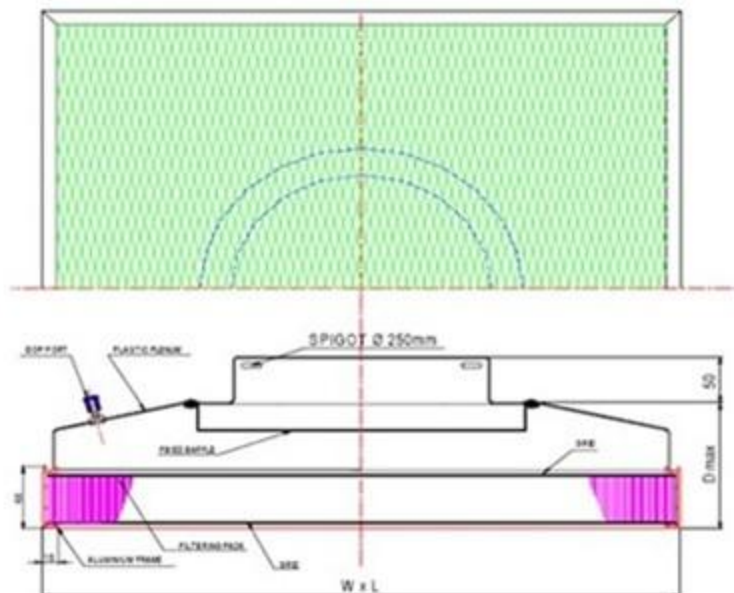
TESTING = Each filter individually tested according to EN 1822 standard.

TEMPERATURE = 80°C max.

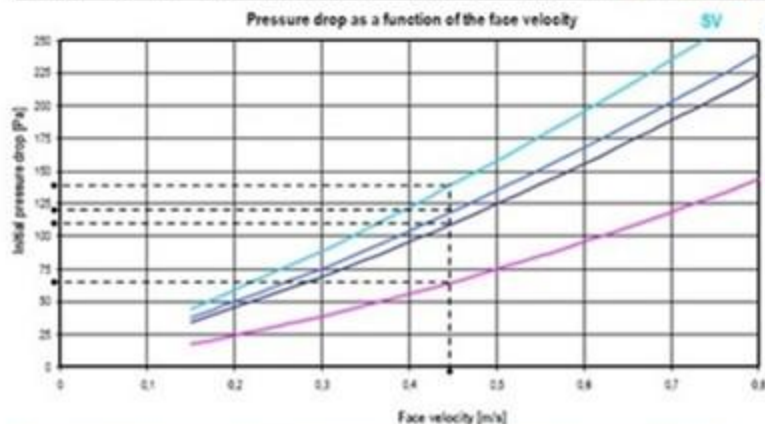
RELATIVE HUMIDITY = 100% max.

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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		
RN61_00	305 x 610 x 150	300	5,5	65	110	120	140	0,038	3,50
RN71_00	300x 600 x 150	300	5,2	65	110	120	140	0,036	3,30
RN81_00	297 x 595 x 150	300	5,0	65	110	120	140	0,035	3,00
RN62_00	610 x 610 x 150	600	11,0	65	110	120	140	0,075	6,50
RN72_00	600x 600 x 150	600	10,6	65	110	120	140	0,072	6,30
RN82_00	595x 595 x 150	600	10,0	65	110	120	140	0,070	6,00
RN64_00	1220 x 610 x 150	1200	22,0	65	110	120	140	0,148	10,80
RN74_00	1210x 600 x 150	1200	21,2	65	110	120	140	0,145	10,50
RN84_00	1205x 595 x 150	1130	21,0	65	110	120	140	0,143	9,90



- ⇒ 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
 Antibacterial media

New code (instead of)
 F0 (00)
 X0 (00)