

ERISRAC RT

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.

REGULATION SYSTEM = From the clean room

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 %

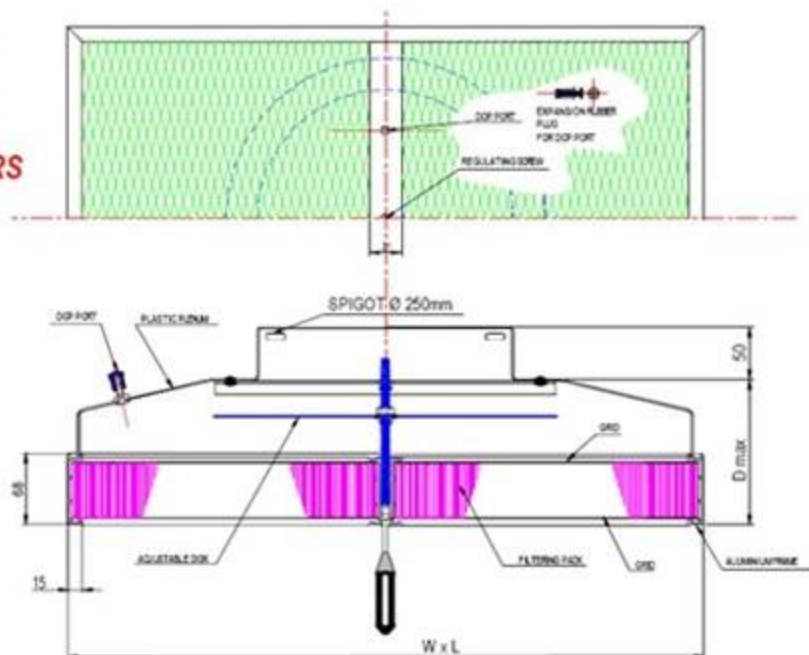
TESTING = Each filter individually tested according to EN 1822 standard.

TEMPERATURE = 80°C max.

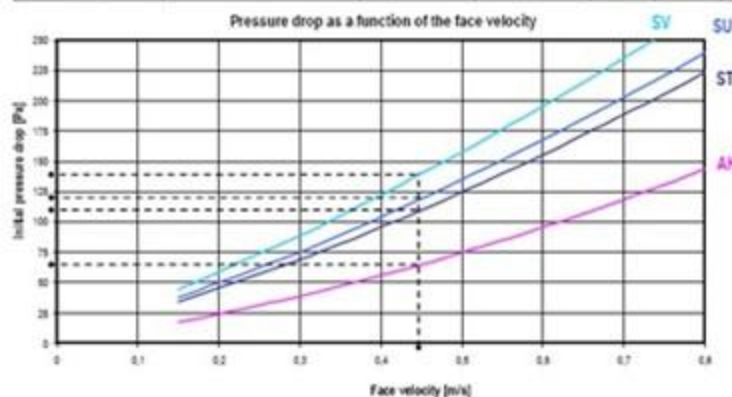
RELATIVE HUMIDITY = 100% max.

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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		
RT61_00	305 x 610 x 150	300	5,5	65	110	120	140	0,038	3,50
RT71_00	300x 600 x 150	300	5,2	65	110	120	140	0,036	3,30
RT81_00	297 x 595 x 150	300	5,0	65	110	120	140	0,035	3,00
RT62_00	610 x 610 x 150	600	11,0	65	110	120	140	0,075	6,50
RT72_00	600x 600 x 150	600	10,6	65	110	120	140	0,072	6,30
RT82_00	595x 595 x 150	600	10,0	65	110	120	140	0,070	6,00
RT64_00	1220 x 610 x 150	1200	22,0	65	110	120	140	0,148	10,80
RT74_00	1210x 600 x 150	1200	21,2	65	110	120	140	0,145	10,50
RT84_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
Four wings regulation device from the clean room
Antibacterial media

New code (instead of)

F0 (00)
X0 (00)
0S (00)