

ERISLAM

ABSOLUTE LAMINAR FLOW FILTERS



TYPICAL APPLICATIONS

To be used for absolute air filtration in controlled contamination environments, installed in final unidirectional units.

TECHNICAL CHARACTERISTICS

MEDIA = Glass fibre paper.

SEPARATORS = Cotton threads with hot melt gluing.

FRAME = Anodized aluminium profile 68 mm deep.

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

SEALANT = Two components cold moulded polyurethane.

GASKET = One piece cold moulded expanded polyurethane.

EFFICIENCY

CODE	EUROVENT 4/4 FILTRATION CLASS		CEN-EN 1822 FILTRATION CLASS		
	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.

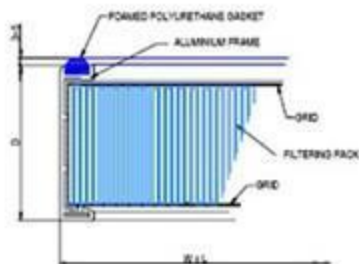
TEMPERATURE = 80°C max.

RELATIVE HUMIDITY = 100% max.

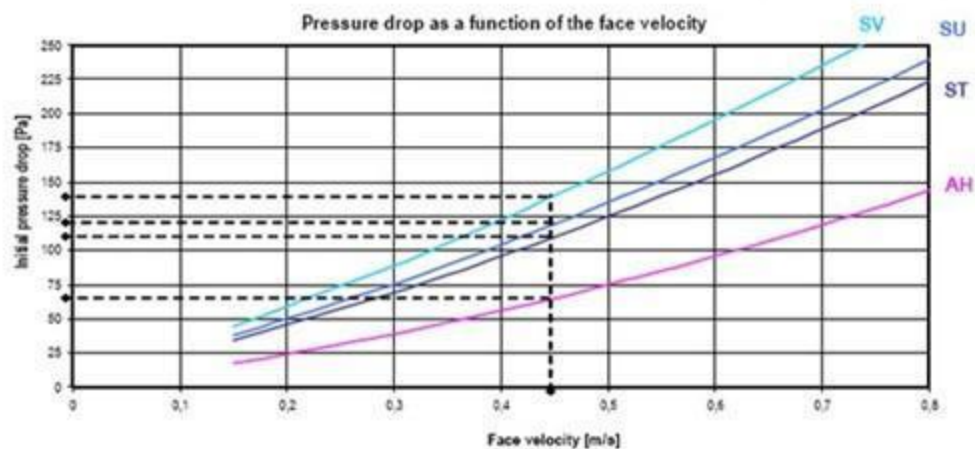
OPTIONS = Antibacterial treatment on request

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STANDARD SIZES



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		
PA 02_00	305 x 305 x 68	150	2,7	65	110	120	140	0,006	2,50
PA 03_00	457 x 457 x 68	335	6,2	65	110	120	140	0,014	3,50
PA 04_00	305 x 610 x 68	300	5,5	65	110	120	140	0,013	4,00
PA 05_00	457 x 610 x 68	450	8,2	65	110	120	140	0,019	4,70
PA 06_00	457 x 305 x 68	225	4,1	65	110	120	140	0,009	3,00
PA 07_00	610 x 610 x 68	600	11,0	65	110	120	140	0,025	7,00
PA 11_00	610 x 915 x 68	900	16,5	65	110	120	140	0,038	10,00
PA 12_00	610 x 1219 x 68	1200	22,0	65	110	120	140	0,051	12,00
PA 13_00	610 x 1524 x 68	1500	27,5	65	110	120	140	0,063	16,50
PA 14_00	610 x 1829 x 68	1800	33,0	65	110	120	140	0,076	19,00
PA 15_00	762 x 305 x 68	375	6,9	65	110	120	140	0,016	5,50
PA 16_00	762 x 610 x 68	750	13,7	65	110	120	140	0,032	9,00
PA 17_00	762 x 762 x 68	950	17,1	65	110	120	140	0,039	10,00
PA 18_00	762 x 914 x 68	1125	20,6	65	110	120	140	0,047	11,00
PA 19_00	762 x 1219 x 68	1500	27,5	65	110	120	140	0,063	16,00
PA 20_00	762 x 1524 x 68	1875	34,4	65	110	120	140	0,079	19,00
PA 21_00	762 x 1829 x 68	2250	41,2	65	110	120	140	0,095	23,50
PA 22_00	914 x 305 x 68	450	8,2	65	110	120	140	0,019	6,50
PA 24_00	914 x 914 x 68	1350	24,8	65	110	120	140	0,057	14,50
PA 25_00	914 x 1219 x 68	1800	33,0	65	110	120	140	0,076	19,00
PA 26_00	914 x 1524 x 68	2250	41,3	65	110	120	140	0,095	23,50
PA 27_00	914 x 1829 x 68	2700	49,5	65	110	120	140	0,114	29,00
PA 55_00	545 x 545 x 68	500	9,5	65	110	120	140	0,020	6,50
PA 51_00	545 x 1155 x 68	1000	19,0	65	110	120	140	0,043	11,50



↳ Suggested final pressure drop \leq 600Pa