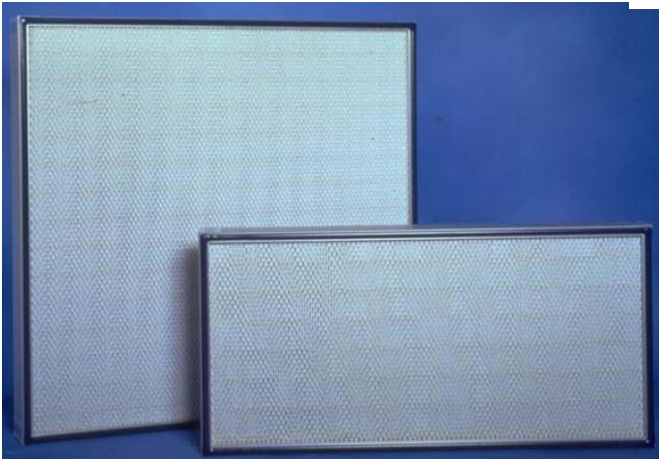


# ERISLAM

## 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

	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.

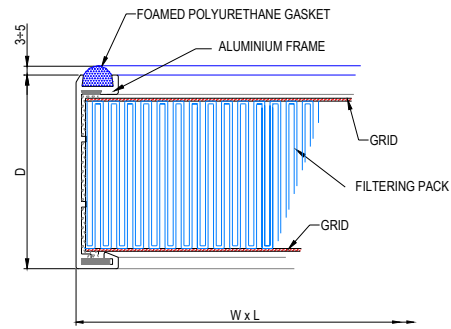
**TEMPERATURE** = 80°C max.

**RELATIVE HUMIDITY** = 100% max.

**OPTIONS** = Antibacterial treatment on request

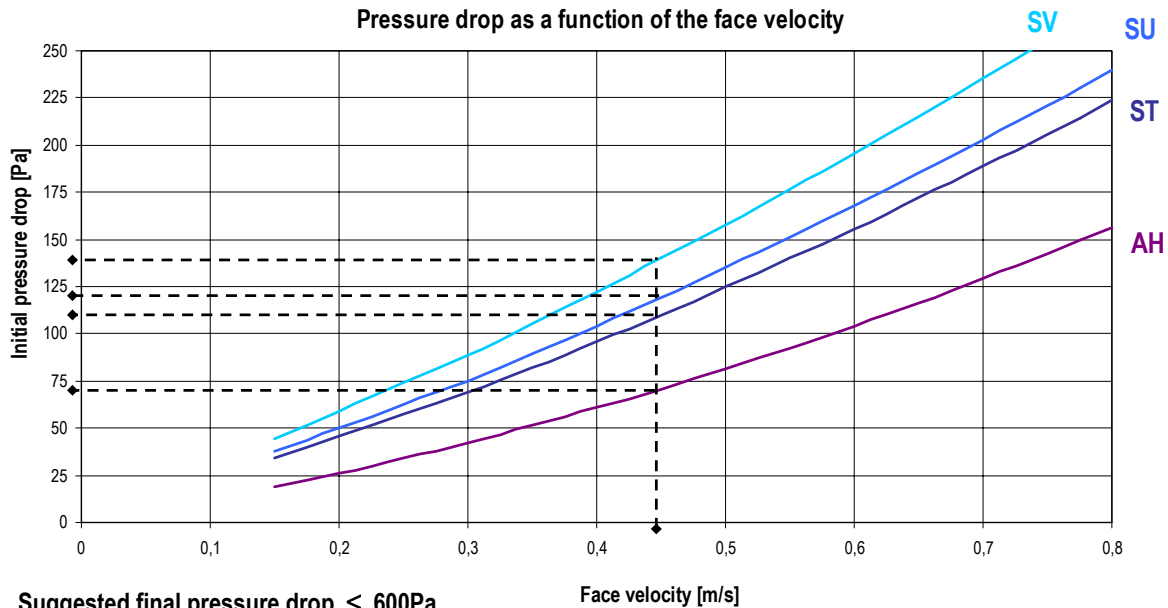
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## STANDARD SIZES



CODE	Dimensions W x L x D mm	Flow rate (0,45 m/s) m <sup>3</sup> /h	Filtering surface m <sup>2</sup>	Initial Pressure Drop Pa				Volume m <sup>3</sup>	Weight kg
				AH	ST	SU	SV		
PA 02 __ 00	305 x 305 x 68	150	2,7	70	110	120	140	0,006	2,50
PA 03 __ 00	457 x 457 x 68	335	6,2	70	110	120	140	0,014	3,50
PA 04 __ 00	305 x 610 x 68	300	5,5	70	110	120	140	0,013	4,00
PA 05 __ 00	457 x 610 x 68	450	8,2	70	110	120	140	0,019	4,70
PA 06 __ 00	457 x 305 x 68	225	4,1	70	110	120	140	0,009	3,00
PA 07 __ 00	610 x 610 x 68	600	11,0	70	110	120	140	0,025	7,00
PA 11 __ 00	610 x 915 x 68	900	16,5	70	110	120	140	0,038	10,00
PA 12 __ 00	610 x 1219 x 68	1200	22,0	70	110	120	140	0,051	12,00
PA 13 __ 00	610 x 1524 x 68	1500	27,5	70	110	120	140	0,063	16,50
PA 14 __ 00	610 x 1829 x 68	1800	33,0	70	110	120	140	0,076	19,00
PA 15 __ 00	762 x 305 x 68	375	6,9	70	110	120	140	0,016	5,50
PA 16 __ 00	762 x 610 x 68	750	13,7	70	110	120	140	0,032	9,00
PA 17 __ 00	762 x 762 x 68	950	17,1	70	110	120	140	0,039	10,00
PA 18 __ 00	762 x 914 x 68	1125	20,6	70	110	120	140	0,047	11,00
PA 19 __ 00	762 x 1219 x 68	1500	27,5	70	110	120	140	0,063	16,00
PA 20 __ 00	762 x 1524 x 68	1875	34,4	70	110	120	140	0,079	19,00
PA 21 __ 00	762 x 1829 x 68	2250	41,2	70	110	120	140	0,095	23,50
PA 22 __ 00	914 x 305 x 68	450	8,2	70	110	120	140	0,019	6,50
PA 24 __ 00	914 x 914 x 68	1350	24,8	70	110	120	140	0,057	14,50
PA 25 __ 00	914 x 1219 x 68	1800	33,0	70	110	120	140	0,076	19,00
PA 26 __ 00	914 x 1524 x 68	2250	41,3	70	110	120	140	0,095	23,50
PA 27 __ 00	914 x 1829 x 68	2700	49,5	70	110	120	140	0,114	29,00
PA 55 __ 00	545 x 545 x 68	500	9,5	70	110	120	140	0,020	6,50
PA 51 __ 00	545 x 1155 x 68	1000	19,0	70	110	120	140	0,043	11,50

Pressure drop as a function of the face velocity



- ⇒ Suggested final pressure drop  $\leq 600$ Pa
- ⇒ Maximum pressure drop  $\leq 1000$  Pa

Subject to change without prior notice

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