



ERISPRO – TA

TURBOLENT FLOW ABSOLUTE FILTERS

TYPICAL APPLICATIONS

Absolute air filtration in ducted systems. ERISPRO filters can be used as a valid alternative of the traditional deep folded filters.

TECHNICAL CHARACTERISTICS

MEDIA = Glass fibre paper

SEPARATORS = Cotton threads with hot melt gluing.

SEALANT = Two components cold moulded polyurethane.

FRAME = Galvanized steel

GASKET = One piece cold moulded polyurethane

GRIDS = On request. __ 1R – One protection grid
 __ 2R – Two protection grids

EFFICIENCY

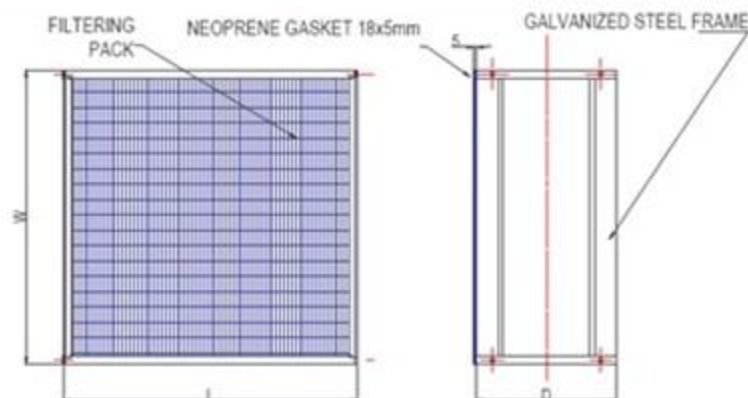
EUROVENT 4/4 FILTRATION CLASS			CEN-EN 1822 FILTRATION CLASS		
CODE	CLASS	Initial Efficiency Ei %	CLASS	Filters global efficiency % for MPPS particles	Local efficiency % for MPPS particles
AH	EU10	$95 \leq Ei < 99,9$	H10	$\geq 85 \%$	-
ST	EU13	$99,99 \leq Ei < 99,999$	H13	$\geq 99,95 \%$	99,75 %
SU	EU14	$99,999 \leq Ei$	H14	$\geq 99,995 \%$	99,975 %

TEMPERATURE = 90°C max.

RELATIVE HUMIDITY = 100% max.

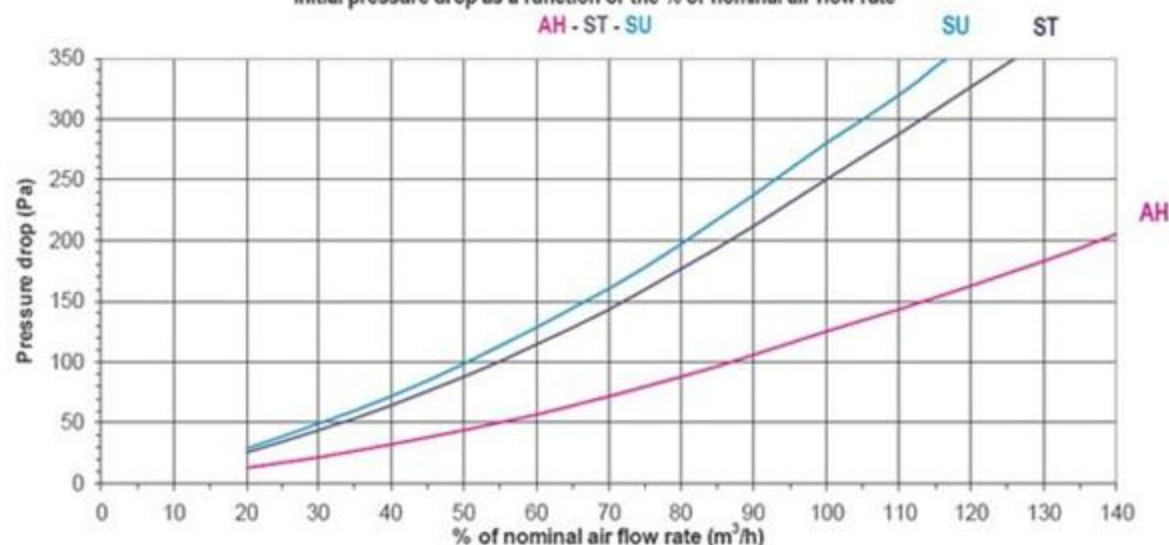
TESTING = Each filter is supplied with individual test certificate

ERISPRO – TA TURBOLENT FLOW ABSOLUTE FILTERS STANDARD SIZES



CODE	Dimensions W x L x D mm	Flow rate m³/h	Filtering surface m²	Initial Pressure Drop Pa			Volume m³	Weight kg
				AH	ST	SU		
TA 02 __ 00	305 x 305 x 292	550	5,5	125	250	280	0,027	3,20
TA 03 __ 00	457 x 457 x 292	1300	12,5	125	250	280	0,060	8,00
TA 04 __ 00	305 x 610 x 292	1200	11,3	125	250	280	0,054	7,00
TA 05 __ 00	457 x 610 x 292	1800	16,8	125	250	280	0,081	10,00
TA 07 __ 00	610 x 610 x 292	2400	22,5	125	250	280	0,108	13,00
TA 16 __ 00	610 x 762 x 292	3000	28,0	125	250	280	0,136	16,80
TA 53 __ 00	288 x 593 x 292	1100	10,3	125	250	280	0,050	6,20
TA 55 __ 00	593 x 593 x 292	2300	21,2	125	250	280	0,102	12,0

Initial pressure drop as a function of the % of nominal air flow rate



- ⇒ Recommended final pressure drop ≤ 600 Pa
- ⇒ Maximum final pressure drop ≤ 1000 Pa