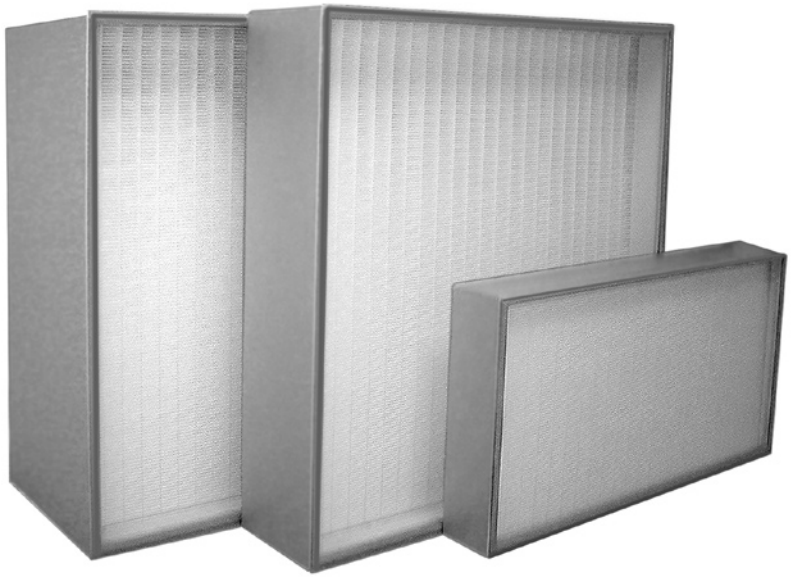
AstroPak® Metal

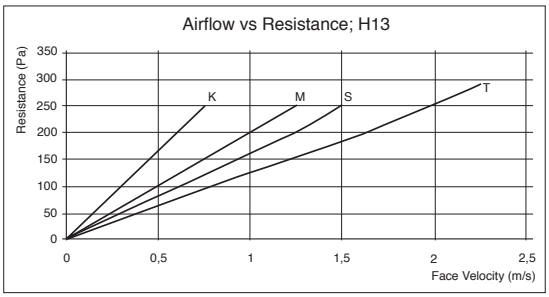
High Efficiency Particulate Air Filter

- ***Non-shedding construction***
- ***Leakfree construction***
- ***Filter class H13 and H14 according to EN1822***



AstroPak filters owe their excellent air cleaning efficiency to their advanced design. High quality anodized aluminium cell sides ensure a smooth, non-shedding construction, while a rigid mini-pleat media pack with thermoplastic separators provides high efficiency particulate air filtration at the lowest possible resistance.
AstroPak filters are classified H13 and H14 in accordance with EN1822.
Additional benefits include:

- Recessed pack ensures easy handling.
- Installation with pleats in vertical or horizontal position.
- Also available with MDF cell sides, fully incinerable.



Better Air is Our Business®

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AstroPak® Metal

An AstroPak can be ordered using the following Component Code Definition System.
Use the table to specify a product suitable to your application requirements.

Technical Data

Item	Component	Component Code Definition
A	Media	**A = Waterproof glass fibre (H13)** E = Waterproof glass fibre (H14)
B	Cell Sides	**69 = Anodized aluminium cell sides** **65 = Galv. cell sides with external flange, 25 mm**
C	Media pack	**K-M-S-T ***
D	Bond	**9 = Cold cured resin**
E	Gasket	P = No gasket **S = 7 mm, half round profile, one piece foamed** T = 6 mm, flat profile
F	Gasket Location	0 = No gasket **2 = One face** 3 = Both faces
G	Acceptance Level	**H = H13 Min. 99.95% @ MPPS, acc. to EN1822** R = H14 Min. 99.995% @ MPPS, acc. to EN1822

Bold typeface: standard execution

How to Order

Below a typical example of how to order a standard AstroPak filter using the Component Code Definition System.

Item	A	B	C	D	E	F	G
Component Definition	A	69	K	9	S	2	H

Efficiency

Efficiency	Efficiency EN1822	
@ 0.3 µm	@ MPPS	
99.997%	H13	99.95%
99.999%	H14	99.995%

* K = 48 mm pack
M = 96 mm pack
S = 120 mm pack
T = 180 mm pack

1) AstroPak filters can be installed with the separators in either the horizontal or vertical position.

Notes:
- Initial resistance at nominal airflow is:
250 Pa for H13
290 Pa for H13, A69T9S2H
320 Pa for H14
370 Pa for H14, E69T9S2R
- Temperature limit: 70˚C
- Final resistance 600 Pa

Standard Sizes and Ratings

Size in mm[1]			Airflow	
H	**W**	**D**	**m³/h**	**m³/s**
A69K9S2H			v test = 0.75 m/s	
305	305	78	250	0.07
457	457	78	570	0.16
610	305	78	500	0.14
610	610	78	1000	0.28
A69K9S2H			v test = 0.75 m/s	
203	203	150	110	0.03
305	305	150	250	0.07
457	457	150	570	0.16
610	305	150	500	0.14
575	575	150	900	0.25
610	610	150	1000	0.28
610	762	150	1250	0.35
610	915	150	1500	0.42
610	1220	150	2000	0.56
A69M9S2H			v test = 1.25 m/s	
305	305	292	400	0.11
610	305	292	830	0.23
457	457	292	935	0.26
610	610	292	1700	0.47
610	762	292	2125	0.59
A69S9S2H			v test = 1.50 m/s	
305	305	292	500	0.14
610	305	292	1000	0.28
457	457	292	1130	0.31
610	457	292	1500	0.42
610	610	292	2000	0.56
610	762	292	2500	0.69
A69T9S2H			v test = 2.25 m/s	
305	305	292	750	0.21
610	305	292	1500	0.42
457	457	292	1700	0.47
610	457	292	2250	0.63
610	610	292	3000	0.83
610	762	292	3750	1.04
A65S9S2H			v test = 1.5 m/s	
592	592	220	1900	0.53
A65T9S2H			v test = 2.25 m/s	
592	592	220	2850	0.79

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