



AstroPak®

High Efficiency Particulate Air Filter

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

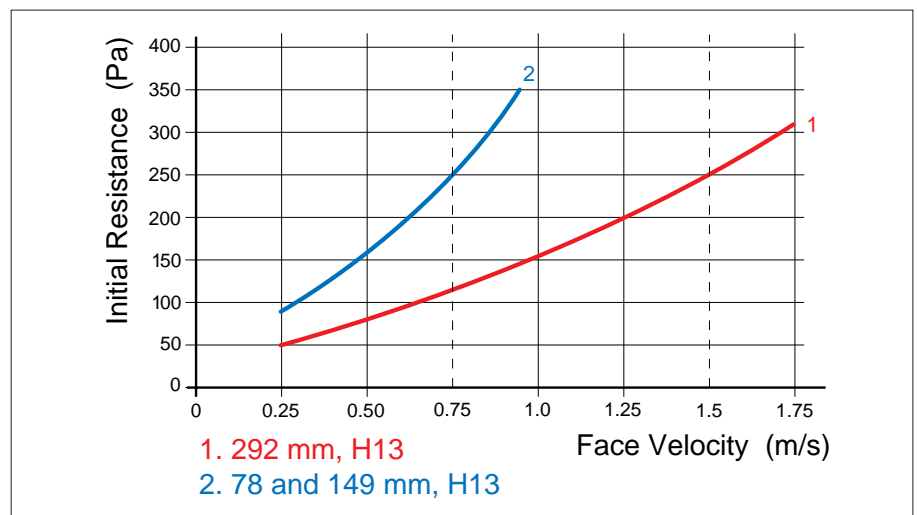


AstroPak filters owe their excellent air cleaning efficiency to their advanced design. High quality MDF cell sides ensure a smooth, non-shedding construction, while a rigid mini-pleat media pack with thermoplastic separators provides high efficiency particulate air filtration at the lowest possible resistance.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

Additional benefits include:

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

Resistance vs Face Velocity





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

Selection Table

Item	Component	Component Code Definition*
A	Media	A = Waterproof glass fibre
B	Cell Sides	E = Waterproof glass fibre 24 = Galvanized steel** 72 = MDF
C	Media pack	K = 2" deep - 48 mm. M = 4" deep - 96 mm
D	Bond	9 = Cold cured resin
E	Gasket	P = No gasket S = 7 mm, half round profile, one piece foamed
F	Gasket Location	T = 6 mm, flat profile 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

** Cell sides with code number 24 is only available in a limited size range

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	72	K	9	S	2	H

Efficiency

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

Standard Sizes and Ratings

Size in mm without gasket ¹⁾			Nominal airflow		Pack Depth
H	W	D	m³/h	m³/s	mm
240	240	56	155	0.04	48
610	305	56	500	0.14	48
490	490	56	650	0.18	48
610	610	56	1000	0.28	48
305	305	78	250	0.07	48
457	457	78	570	0.16	48
305	610	78	500	0.14	48
610	610	78	1000	0.28	48
203	203	149	110	0.03	96
305	305	149	250	0.07	96
610	305	149	500	0.14	96
457	457	149	570	0.16	96
610	610	149	1000	0.28	96
610	762	149	1250	0.35	96
610	915	149	1500	0.42	96
610	1220	149	2000	0.56	96
610	1524	149	2500	0.69	96
610	1830	149	3000	0.83	96
762	762	149	1600	0.44	96
762	915	149	1900	0.53	96
762	1220	149	2500	0.69	96
762	1524	149	3150	0.88	96
762	1830	149	3800	1.06	96
915	915	149	2250	0.63	96
915	1220	149	3000	0.83	96
915	1524	149	3800	1.06	96
915	1830	149	4550	1.26	96
305	305	292	500	0.14	96
610	305	292	1000	0.28	96
610	610	292	2000	0.56	96
610	762	292	2500	0.69	96

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

2) Always minimal 20 mm difference between packdepth and filterdepth.

Notes:

- Initial resistance at nominal airflow is:
250 Pa for H13
320 Pa for H14
- Temperature limit: 70°C
- Final resistance 500 - 750 Pa

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