

# HEATMOS

## HEAT-RESISTANT HEPA FILTER



### Features and Benefits

- Filter class H13 and H14 (EN1822)
- Filter class ISO45H (ISO29463:2017)
- Continuous operation up to 350 °C, max. 400 °C (1 hour)
- Leak Free (leakage map available on the Inspection Certificate)
- Max. air velocity 1.56 m/s (Depth 292 mm)

### Applications

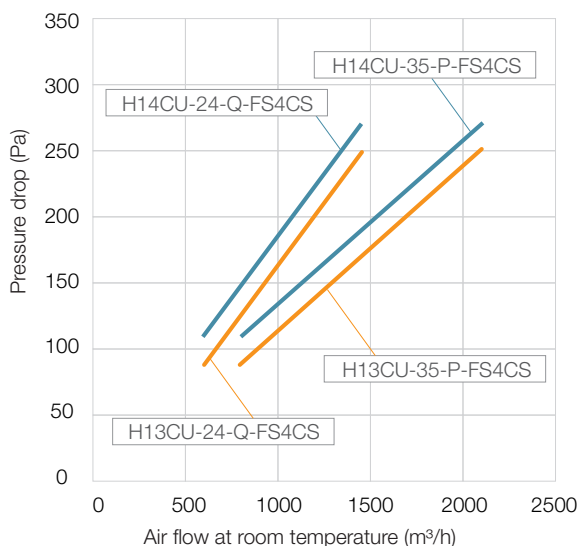
The HEATMOS high temperature HEPA filter from AAF is designed to provide excellent protection of high temperature processes in ultra clean environments that can be found in applications such as:

- Sterilization tunnels
- Oven equipment used in laboratories and R&D centers
- Equipment for firing, drying and disposal treatment facilities

### Configurations

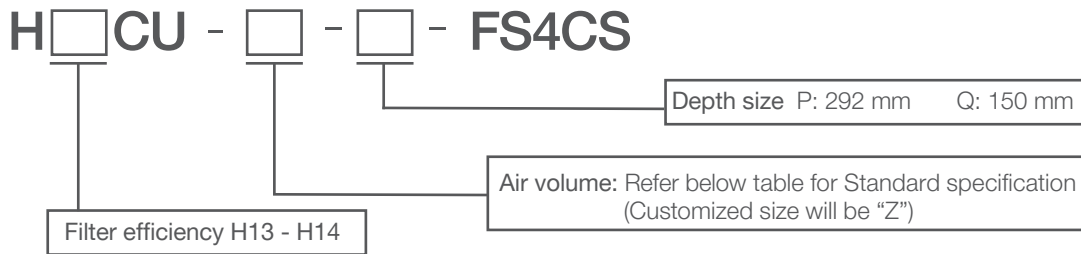
<b>Filter media</b>	Glass paper
<b>Frame</b>	Stainless steel
<b>Separator</b>	Stainless steel
<b>Sealant</b>	Glass fiber + ceramic
<b>Gasket</b>	Glass
<b>Max. operating temperature</b>	400 °C (1h)
<b>Continuous operating temperature</b>	350 °C
<b>Recom. final pressure drop</b>	500 Pa
<b>Recom. airflow range</b>	2100 m <sup>3</sup> /h for the dimension 610×610×292 mm; 1440 m <sup>3</sup> /h for the dimension 610×610×150 mm

### Airflow versus operating resistance



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## Model Code



## Technical data

Filter name	Dimensions (mm) W x H x D	Efficiency (EN1822)	Weight (kg)	Initial dp (Pa)	Final dp (Pa)	Air velocity (m/s)	Air volume (m <sup>3</sup> /h)	Efficiency (%) MPPS
H13CU-Z-Q-FS4CS	305x305x150	H13	5,5	250	500	0.900	300	99.95
H13CU-Z-Q-FS4CS	305x610x150	H13	8,5	250	500	0.990	660	99.95
H13CU-Z-Q-FS4CS	457x457x150	H13	10	250	500	1.000	750	99.95
H13CU-Z-Q-FS4CS	610x457x150	H13	13	250	500	1.050	1050	99.95
H13CU-24-Q-FS4CS	610x610x150	H13	15	250	500	1.075	1440	99.95
H13CU-Z-Q-FS4CS	762x610x150	H13	18	250	500	1.095	1830	99.95
H13CU-Z-P-FS4CS	305x305x292	H13	10	250	500	1.350	450	99.95
H13CU-Z-P-FS4CS	305x610x292	H13	15	250	500	1.480	990	99.95
H13CU-Z-P-FS4CS	457x457x292	H13	17,5	250	500	1.480	1110	99.95
H13CU-Z-P-FS4CS	610x457x292	H13	22	250	500	1.530	1530	99.95
H13CU-Z-P-FS4CS	762x457x292	H13	27	250	500	1.535	1920	99.95
H13CU-35-P-FS4CS	610x610x292	H13	26	250	500	1.568	2100	99.95
H13CU-Z-P-FS4CS	762x610x292	H13	32	250	500	1.580	2640	99.95

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H14CU-Z-Q-FS4CS	305x305x150	H14	5,5	270	500	0.900	300	99.995
H14CU-Z-Q-FS4CS	305x610x150	H14	8,5	270	500	0.990	660	99.995
H14CU-Z-Q-FS4CS	457x457x150	H14	10	270	500	1.000	750	99.995
H14CU-Z-Q-FS4CS	610x457x150	H14	13	270	500	1.050	1050	99.995
H14CU-24-Q-FS4CS	610x610x150	H14	15	270	500	1.075	1440	99.995
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Bringing clean air to life®

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