

# HEATMOS®

## HEAT-RESISTANT HEPA FILTERS



### Performance Data

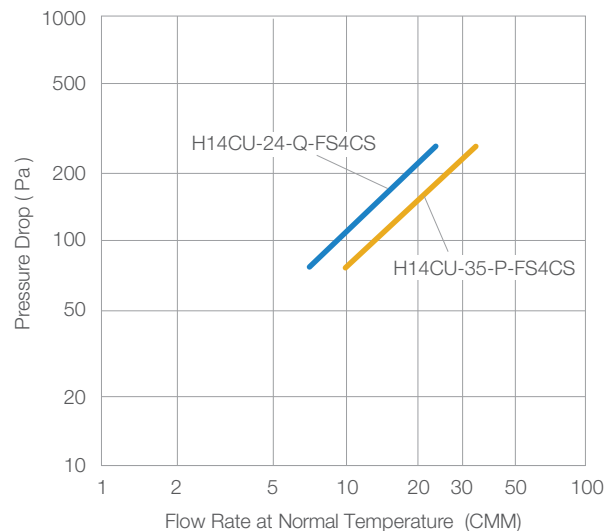
- Compliant with EN 1822:2009, H14
- Continuous operation up to 350°C, Max. 400°C (1 hour)
- Ramp speed: up to 5°C/min
- Leak free
- Max. air velocity 1.8m/s (Depth 292mm)
- Meets requirements of ISO 29463 ISO 45H
- Factory tempering available (Contact AAF for info)

### 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

### Flow Rate vs. Pressure Drop Resistance



### Materials of Construction

Frame	Media	Separator	Sealant	Gasket
Stainless steel	Micro fiberglass	Stainless steel	Glass fiber & ceramic	Glass paper

### Operating Temperature

Max. Continuous Operating Temp	Max. Temperature (1 hour)
350°C (662°F)	400°C (752°F)

### Performance

Recommended Final Pressure Drop	Recommended Airflow Range
500 (Pa)	35 m³/min (CMM) for the dimension 610x610x292 mm 24 m³/min (CMM) for the dimension 610x610x150 mm

### Manufacturable Dimensions

Depth (D)	Height (H)	Width (W)
292 mm	305 - 610 mm	305 - 762 mm
150 mm	305 - 610 mm	305 - 762 mm

# HEATMOS® Heat Resistant HEPA Filters

## Model Code

# H14CU - - - FS4CS

Depth size P: 292 mm    Q: 150 mm

Air volume: Refer to table below for Standard specification  
(Customized size will be "Z" )

## Technical Data

Filter Name	Dimensions (mm) W x H x D	Efficiency	Approx. Weight (kg)	Initial dp (Pa)	Final dp (Pa)	Air Volume m³/min	Efficiency (%) MPPS
H14CU-Z-Q-FS4CS	305x305x150	H14	5.5	270	500	5	99.995
H14CU-Z-Q-FS4CS	305x610x150	H14	8.5	270	500	11	99.995
H14CU-Z-Q-FS4CS	457x457x150	H14	10	270	500	12.5	99.995
H14CU-Z-Q-FS4CS	610x457x150	H14	13	270	500	17.5	99.995
H14CU-Z-Q-FS4CS	457x610x150	H14	13	270	500	17.5	99.995
H14CU-Z-Q-FS4CS	564x560x150	H14	13.5	270	500	20	99.995
H14CU-24-Q-FS4CS	610x610x150	H14	15	270	500	24	99.995
H14CU-Z-Q-FS4CS	762x457x150	H14	15.5	270	500	22	99.995
H14CU-Z-Q-FS4CS	762x610x150	H14	18	270	500	30.5	99.995
H14CU-Z-P-FS4CS	305x305x292	H14	10	270	500	7.5	99.995
H14CU-Z-P-FS4CS	305x610x292	H14	15	270	500	16.5	99.995
H14CU-Z-P-FS4CS	457x457x292	H14	17.5	270	500	18.5	99.995
H14CU-Z-P-FS4CS	610x457x292	H14	22	270	500	25.5	99.995
H14CU-Z-P-FS4CS	457x610x292	H14	22	270	500	25.5	99.995
H14CU-Z-P-FS4CS	762x395x292	H14	25.5	270	500	27	99.995
H14CU-Z-P-FS4CS	564x560x292	H14	23.5	270	500	29	99.995
H14CU-35-P-FS4CS	610x610x292	H14	26	270	500	35	99.995
H14CU-Z-P-FS4CS	762x457x292	H14	27	270	500	32	99.995
H14CU-Z-P-FS4CS	762x610x292	H14	32	270	500	44	99.995

HEATMOS is manufactured by Nippon Muki Co., LTD. Nippon Muki and AAF are members of Daikin group. For information regarding HEATMOS in the USA contact AAF.



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AAF has a policy of continuous product research and improvement. We reserve the right to change design and specifications without notice.

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ISO Certified Firm

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