Absolute® K

High Temperature HEPA Filter (500°F)

The Camfil K Series Absolute air filter is designed for use in applications with process air temperatures up to 500° F (260° C). Commonly used in cool zone process or tunnel applications where Class 100 validation applies.

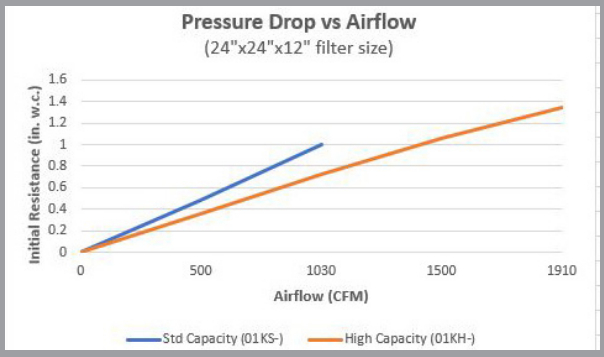
The K Series Absolute filter features:

- A 304 stainless steel frame appropriate for most pharmaceutical process applications.
- Micro glass fiber media providing factory certifiable, as-built, HEPA filter performance.
- Safe-edge corrugated aluminum separators to ensure uniform airflow throughout the media pack and maintain pack stability. The edges of the separators are hemmed for added strength, and to protect the media from damage during manufacture, shipping and installation.
- A silicone pack-to-frame sealant to ensure HEPA performance as-built, to minimize the bypass of recirculating air at operating temperature and to maintain a Class 100 process condition over the useful life of the filter.
- A silicone sponge gasket on the upstream face, downstream face, or both faces as specified by the user's application.

Also available in 95% efficiency for sub-HEPA applications.

Camfil K Series Absolute filters are individually tested per IEST Recommended Practice.* Each filter is labeled noting nominal and tested efficiency, pressure drop, airflow and has a unique serial number for unit tracking and quality assurance.
(*95% efficiency units are untested)

High efficiency air filtration for Class 100 over validation in process applications.



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Performance Data

Model	Efficiency	Part Number	Nominal Size (inches)	Airflow Capacity in CFM @ rated dP	Rated Pressure Drop (inches w.g.)	Weight (lbs)
01KS-12Z24Z12-2D-3-E-A-00-0/00	99.97% @ 0.3 Micron IEST Type A	85522-0116	12 x24 x11.50	450	1.0"	27.2
01KS-24Z24Z12-2D-3-E-A-00-0/00		85522-0001	24 x 24 x 11.50	1030		41.9
01KH-12Z24Z12-2D-3-E-A-00-0/00		85522-0260	12 x24 x11.50	840	1.35"	30.2
01KH-24Z24Z12-2D-3-E-A-00-0/00		85522-0034	24 x 24 x 11.50	1910		45.9
12KS-12Z24Z12-2D-3-E-A-00-0/00	99.99% @ 0.3 Micron IEST Type C	85522-0195	12 x24 x11.50	450	1.0"	27.2
12KS-24Z24Z12-2D-3-E-A-00-0/00		85522-0050	24 x 24 x 11.50	1030		41.9
12KH-12Z24Z12-2D-3-E-A-00-0/00		85522-0134	12 x24 x11.50	840	1.35"	30.2
12KH-24Z24Z12-2D-3-E-A-00-0/00		85522-0076	24 x 24 x 11.50	1910		45.9

Notes: Contact Camfil Customer Service for custom sizes.

Specifications

Air Filters—1.0 General

1.1 - Air filters shall be HEPA grade standard capacity air filters with, water resistant micro glass fiber media, corrugated aluminum separators, silicone sealant, 304 stainless steel enclosing frame and silicone sealing gasket. Filters shall be capable of operation to 500° F.

1.2 - Sizes shall be as noted on drawings or other supporting materials.

2.0 Construction

2.1 - Filter media shall be one continuous pleating of micro glass fiber media.

2.2 - Pleats shall be uniformly separated by corrugated aluminum separators incorporating a hemmed edge to prevent damage to the media.

2.3 - The media pack shall be bonded into the enclosing frame through the use of a silicone sealant. The sealant shall be capable of maintaining integrity to 500° F.

2.4 - The enclosing frame of 304 stainless steel frame construction, shall be bonded to the media pack and form a rugged and durable enclosure. Overall dimensional tolerance shall be correct within -1/8" to +0" and square within 1/8".

2.5 - A silicone sponge gasket shall be located on the downstream side of the filter (unless otherwise noted) and shall be capable of maintaining the filter to holding mechanism seal throughout the life of the filter.

3.0 Performance

3.1 - The filter shall have a tested efficiency of (95%, 99.97%, 99.99%)*when evaluated on particles 0.3 micron in size. 95% efficiency units untested.

3.2 - Initial resistance to airflow shall not exceed (0.80", 1.0", 1.0").

3.3 - Manufacturer shall provide evidence of facility certification to ISO 9001:2015

3.4 - Filter shall be listed as UL-9000 per Underwriters Laboratories.

Supporting Data - The filter shall be labeled with tested efficiency, rated/tested airflow, pressure drop and shall be serialized for identification and quality assurance.

* Items in parentheses ( ) require selection.

For detailed specifications, please consult your local Camfil Distributor, Representative or Camfil High Temperature Filters for all styles. Camfil has a policy of uninterrupted research, development and product improvement. We reserve the right to change designs and specifications without notice.

camfil ISO 9001:2015 Certified Quality System

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