



Camfil's standard capacity Absolute filters are manufactured from the highest quality components, under demanding quality control conditions, and are certified to ensure performance in the most critical of applications.

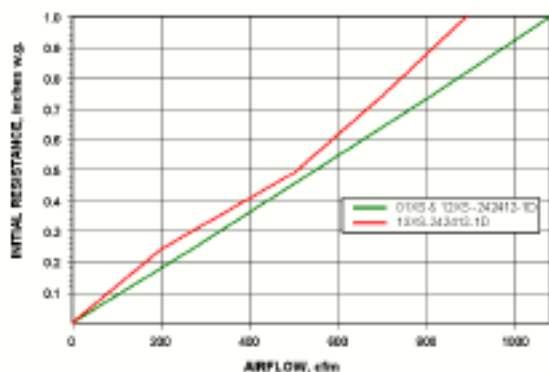
Typical applications include medical facilities, pharmaceutical manufacturing, electronic component manufacturing, food and beverage and others where ultra-clean air is essential.

Each XS Absolute includes:

- A galvanized 16-gauge steel frame to create a durable, dimensionally stable corrosion-resistant enclosure.
- X-Body frame that is assembled without the use of penetrating fasteners to ensure leak-free performance throughout the life of the filter.
- Our unique urethane potting process completely encapsulates the filter pack within the enclosing frame.
- Safe-edged tapered corrugated aluminum separators to ensure uniform airflow and stability throughout the pack. The edges of the separators are hemmed for added strength and to protect the media from damage during manufacture, shipping and installation.
- Micro glass fiber media to provide efficiencies from 99.97% @ 0.3µm to 99.999% @ 0.3µm. The media is highly resistant to moisture in high humidity environments.
- A one piece seamless urethane gasket to ensure a leak-free filter to frame seal. (A neoprene dove-tailed juncture gasket is also available).
- Every Camfil Absolute filter meets IEST-RP-CC001 performance levels.

Setting the standard
for HEPA filters
over 50 years.

Pressure Drop Versus Airflow



Performance Data

Model	Efficiency	Nominal Size (inches)	Airflow @ 1.00" w.g.	Media Area (sq. ft.)	Shipping Weight (lbs)
01XS-12Z12Z12- ** -3-C-A-00-0/00	99.97% @ 0.3µm EST Type A	12 x 12 x 11.50	230	33.4	22.4
01XS-23F11F12- ** -3-C-A-00-0/00		23.38 x 11.38 x 11.50	460	64.5	28.8
01XS-24Z12Z12- ** -3-C-A-00-0/00		24 x 12 x 11.50	500	69.3	29.7
01XS-11F23F12- ** -3-C-A-00-0/00		11.38 x 23.38 x 11.5	460	64.5	32.4
01XS-12Z24Z12- ** -3-C-A-00-0/00		12 x 24 x 11.50	500	69.3	33.3
01XS-23F23F12- ** -3-C-A-00-0/00		23.38 x 23.38 x 11.50	1020	143.6	42.7
01XS-24Z24Z12- ** -3-C-A-00-0/00		24 x 24 x 11.50	1080	153.6	43.8
12XS-12Z12Z12- ** -3-C-A-00-0/00		12 x 12 x 11.50	230	33.4	22.4
12XS-23F11F12- ** -3-C-A-00-0/00	99.99% @ 0.3µm EST TypeC	23.38 x 11.38 x 11.50	460	64.5	28.8
12XS-24Z12Z12- ** -3-C-A-00-0/00		24 x 12 x 11.50	500	69.3	29.7
12XS-11F23F12- ** -3-C-A-00-0/00		11.38 x 23.38 x 11.5	460	64.5	32.4
12XS-12Z24Z12- ** -3-C-A-00-0/00		12 x 24 x 11.50	500	69.3	33.3
12XS-23F23F12- ** -3-C-A-00-0/00		23.38 x 23.38 x 11.50	1020	143.6	42.7
12XS-24Z24Z12- ** -3-C-A-00-0/00		24 x 24 x 11.50	1080	153.6	43.8
13XS-12Z12Z12- ** -3-C-A-00-0/00		12 x 12 x 11.50	190	33.4	22.4
13XS-23F11F12- ** -3-C-A-00-0/00		23.38 x 11.38 x 11.50	370	64.5	28.4
13XS-24Z12Z12- ** -3-C-A-00-0/00	99.999% @ 0.3µm IEST Type D	24 x 12 x 11.50	410	69.3	29.7
13XS-11F23F12- ** -3-C-A-00-0/00		11.38 x 23.38 x 11.50	370	64.5	32.4
13XS-12Z24Z12- ** -3-C-A-00-0/00		12 x 24 x 11.50	410	69.3	33.3
13XS-23F23F12- ** -3-C-A-00-0/00		23.38 x 23.38 x 11.50	840	143.6	42.7
13XS-24Z24Z12- ** -3-C-A-00-0/00		24 x 24 x 11.50	890	153.6	43.8

DATA NOTES:
 Maximum operating temperature 175° F (80° C). If neoprene gasket is used temperature limitation is 200° F (93° C).
 The Camfil Absolute XH is listed by Underwriters Laboratories as UL 900 and UL 586. IEST=Institute of Environmental Sciences & Technology.
 Replace ** in model number with 00 for no gasket, 1D for one gasket downstream, 1U for one gasket upstream, or 1B for a gasket on both sides.
 Custom sizes available.

1.0 General

1.1 - Air filters shall be HEPA grade standard capacity air filters with waterproof micro glass fiber media, corrugated aluminum separators, urethane sealant, 16-gauge steel enclosing frame and sealing gasket.
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 fine 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 potted into the enclosing frame with a fire-resistant urethane sealant.
2.4 - The enclosing frame shall be of 16-gauge steel, with a zinc aluminum alloy finish, and shall be bonded to the media pack to form a rugged and durable enclosure. The filter shall be assembled without the use of fasteners to ensure no frame penetrations. Overall dimensional tolerance shall be correct within -1/8", +0", and square within 1/8".
2.5 - A poured-in-place seamless polyurethane gasket or dovetail-cornered neoprene gasket shall be included on the downstream side of the enclosing frame to form a positive seal upon installation.

3.0 Performance

3.1 - The filter shall have a tested efficiency of (99.97%, 99.99%, 99.999%)* when evaluated according to IEST Recommended Practice.
3.2 - Initial resistance to airflow shall not exceed 1.0" w.g. +/-10% at rated capacity.
3.3 - Filter shall be rated by Underwriters Laboratories as UL-900 and UL-586.
3.4 - The filter shall be capable of withstanding 10" w.g. without failure of the media pack.
3.5 - Manufacturer shall provide evidence of facility certification to ISO 9001:2015.
 Supporting Data - The filter shall be labeled as to tested efficiency, rated/ tested cfm, pressure drop and shall be serialized for identification.

Filters shall be Camfil, Inc. XS Series Absolute or equal.

* Items in parentheses () require selection.



For detailed specifications, please consult your local Camfil distributor, representative or [XS Absolute](#). Camfil has a policy of uninterrupted research, development and product improvement. We reserve the right to change designs and specifications without notice.