

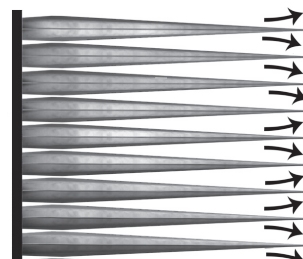


The Cam-Flo XLT bag filter combines the strength of multi-layered polypropylene media with a reinforced, rigid ABS frame to create a robust air filter capable of withstanding even the most extreme conditions. It has been tested in laboratory settings to a static pressure exceeding 33.0" w.g., making it ideal for turbulent or high-pressure applications where standard HVAC filters would fail.

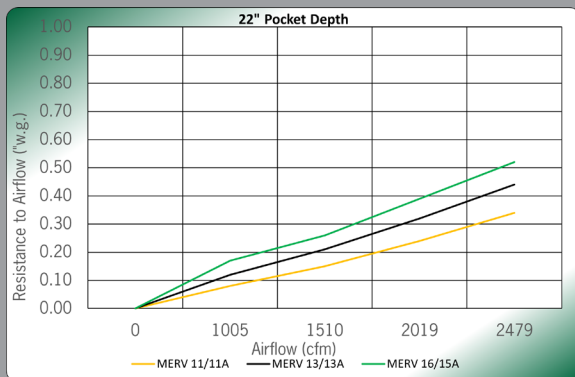
Cam-Flo XLT filters are available in three efficiency ratings: MERV 11/11A, MERV 13/13A, and MERV 16/15A. The "A" rating ensures that the Cam-Flo XLT will maintain a minimum particle capture efficiency equal to its MERV value throughout the filter's entire service life.

Key features of the Cam-Flo XLT include:

- **Superior Mechanical Strength:** Provides the most robust HVAC air filter available.
- **High Performance:** Operates at up to 2500 CFM (full size) without sacrificing performance.
- **Resilience to Airflow Variations:** Capable of withstanding unusual variations in airflow or system turbulence.
- **High Moisture Resistance:** Suitable for applications with high moisture content, hostile to standard air filters, up to 100% RH.
- **Innovative Conical Pocket Design:** Features controlled media spacing to minimize pocket-to-pocket contact, ensuring uniform airflow and full utilization of the media area.
- **Durable ABS Header:** High mechanical strength and superior rigidity facilitate easy installation of the Cam-Flo XLT into side-access filter housings or frames in built-up bank filter systems.
- **Energy Efficiency:** Offers low initial resistance to airflow for energy savings or increased airflow in air-starved systems.
- **Convenient Packaging:** Each filter is packaged in a carton with a carrying handle for easy transport during filter changes.
- **Minimized Air Bypass:** Includes a gasket on one vertical side of the header to minimize air bypass between filters.
- **Disposal Flexibility:** Can be incinerated or compacted after service.



Low resistance to airflow with exceptional strength and durability.



The above chart shows resistance to airflow up to 2500 CFM.

The Cam-Flo XLT is specifically designed for demanding applications, including the food and beverage industry, pharmaceuticals, outside air intakes in harsh climate regions, and other environments that typically challenge HVAC air filters.

Performance Data

MERV 11/11A			
Part Number	H x W x D / Number of Pockets	Airflow Capacity (cfm)	Initial Δp (inches of w.g.)
405913A12	24/24/12/10	2000	0.41
406444A15	24/24/15/10	2000	0.37
405913A22	24/24/22/10	2000	0.27
405913A30	24/24/30/10	2000	0.25
405913B12	24/20/12/8	1600	0.51
406444C15	24/12/15/5	1600	0.48
405913B22	24/20/22/8	1600	0.40
405913B30	24/20/30/8	1600	0.38
405913C12	24/12/12/5	1000	0.55
406444C15	24/12/15/5	1000	0.48
405913C22	24/12/22/5	1000	0.44
405913C30	24/12/30/5	1000	0.40
405913D12	20/20/12/8	1320	0.50
405913D15	20/20/15/8	1320	0.45
405913D22	20/20/22/8	1320	0.40
405913D30	20/20/30/8	1320	0.37

MERV 13/13A			
Part Number	H x W x D / Number of Pockets	Airflow Capacity (cfm)	Initial Δp (inches of w.g.)
405914A12	24/24/12/10	2000	0.50
405914A15	24/24/15/10	2000	0.45
405914A22	24/24/22/10	2000	0.35
405914A30	24/24/30/10	2000	0.32
405914B12	24/20/12/8	1600	0.60
405914B15	24/20/15/8	2000	0.42
405914B22	24/20/22/8	1600	0.42
405914B30	24/20/30/8	1600	0.30
405914C12	24/12/12/5	1000	0.65
405914C15	24/12/15/5	2000	0.45
405914C22	24/12/22/5	1000	0.34
405914C30	24/12/30/5	1000	0.30
405914D12	20/20/12/8	1320	0.6
405914D15	20/20/15/8	2000	0.42
405914D22	20/20/22/8	1320	0.34
405914D30	20/20/30/8	1320	0.30

MERV 16/15A			
Part Number	H x W x D / Number of Pockets	Airflow Capacity (cfm)	Initial Δp (inches of w.g.)
406780A12	24/24/12/10	2000	0.73
406780A15	24/24/15/10	2000	0.60
406780A22	24/24/22/10	2000	0.39
406780A30	24/24/30/10	2000	0.37
406780B12	24/20/12/8	1600	0.72
406780B15	24/20/15/8	1600	0.52
406780B22	24/20/22/8	1600	0.46
406780B30	24/20/30/8	1600	0.34
406780C12	24/12/12/5	1000	0.82
406780C15	24/12/15/5	1000	0.58
406780C22	24/12/22/5	1000	0.42
406780C30	24/12/30/5	1000	0.36
406780D12	20/20/12/8	1320	0.86
406780D15	20/20/15/8	1320	0.53
406780D22	20/20/22/8	1320	0.42
406780D30	20/20/30/8	1320	0.36

DATA NOTES

MERV, Minimum Efficiency Reporting Value per ASHRAE Filter Testing Standard 52.2.

MERV-A per Appendix J of the same Standard.

Maximum operating temperature 158° F (70° C) and humidity of 100% RH.

Listed as UL 900 by Underwriters Laboratories.

Specification

1.0 General

1.1 - Air filters shall be high efficiency, extended surface pocket style filters consisting of polypropylene media, a reinforced ABS plastic header, and ABS plastic pocket retainers to prevent air bypass and ensure leak free performance.

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

2.0 Construction

2.1 - Filter media shall consist of polypropylene media bonded to a synthetic micro mesh media support backing forming a lofted filter blanket

2.2 - Individual pockets shall contain a minimum of 40 stitching support points per square foot of media area. The sides and ends of each pocket shall be sewn with a chain-link over lock stitch.

2.3 - Pockets shall be formed into tapered pleats, supported by controlled media space stitching, to promote uniform airflow across the surface of the media. At any point, the sizes of the upstream and downstream passages shall be proportional to the volume of filtered air. The pockets shall also have a conical configuration to minimize contact with HVAC system components.

2.4 - Support members shall include an ABS plastic header with integrated pocket retainers. The header shall be joined to the media to prevent air bypass. Individual pocket retainers shall be attached to the header frame with anchor ports allowing for visual confirmation. Bypass between pockets shall be eliminated through a snap-to-seal pocket retainer that shall be an integral part of the two-piece header design. The frame shall form a rigid and durable support assembly.

2.5 - The air exiting side of the air tunnels include a pocket flange to ensure pocket integrity throughout the life of the filter.

2.6 - A filter-to-filter sealing gasket shall be installed on one of the vertical members of the filter header.

3.0 Performance

3.1 - The filter shall have a Minimum Efficiency Reporting Value of MERV (11, 13, 16) when evaluated under the guidelines of ASHRAE Standard 52.2-2017. It shall also have a MERV-A rating of (11, 13, 15) when evaluated under ASHRAE Standard 52.2, Appendix J. It shall have an efficiency of (ePM10-70, ePM1-60, ePM1-80) when evaluated per ISO filter testing standard 16890.

3.2 - Initial resistance to airflow as listed by the manufacturer on a 22" depth 10-pocket bag shall be (0.27", 0.35", 0.39")* w.g at an airflow of 500 fpm. Additional information shall be as noted on drawings or other supporting materials.

3.2 - The manufacturer shall warranty that the filter shall be capable of withstanding 10.0" w.g. without failure of the filter.

3.3 - The filter shall be classified by Underwriters Laboratories as UL 900.

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

Supporting Data - Provide product test reports for each listed efficiency including all details as prescribed in ASHRAE Standards 52.2 and ISO Standard 16890.

Product shall be Camfil Camflo XLT or approved equal.