Aeropac®

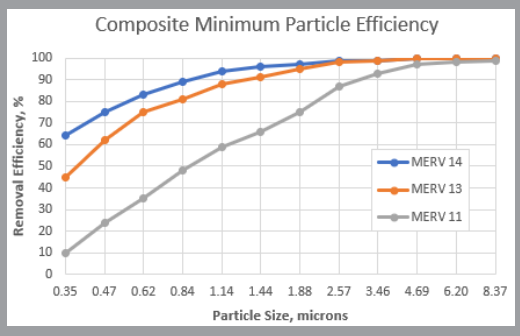
12” Deep High Efficiency ASHRAE Box Style Air Filter

The Camfil Aeropac® is unaffected by varying airflows or repeated start-ups and shut-downs. The media is resistant to extended periods of high humidity making the Aeropac an excellent choice for humid climates or moisture-laden conditions. The Aeropac:

- Is available in three efficiencies, MERV 11/11A, MERV 13/13A and MERV 14/14A when tested in accordance with ASHRAE 52.2 with Appendix J.
- Incorporates microfine glass fibers formed into a wet-laid continuous media sheet. Although any air filter should not be continuously operated in saturated conditions, glass mat media offers a higher degree of performance in saturated conditions than high-lofted media products.
- Includes safe-edge aluminum media separators to ensure a rigid and durable filter pack. The separators also assure uniform airflow throughout the media pack for full media utilization (longer filter life).
- Includes a media pack sealed into the enclosing frame eliminating air bypass. The media is bonded to the enclosing frame on the sides, and sealed with high-efficiency media on the top and bottom. A rubber based adhesive seal assures a durable and stable filter pack.
- Includes an enclosing frame manufactured from a unique blend of galvanized steel with a pre-processed aluminized finish. This combination provides a 50% increase in corrosion resistance when compared to standard galvanized metals.
- Is available with a single header or a double header dependent upon installation requirements. Each header includes a gasket strip to ensure a leak free seal between the filters, or between the filters and the filter housing.
- Has an ECI[1] value of four stars.

Available in a variety of sizes, the Aeropac offers high efficiency particulate filtration unaffected by varying airflows or adverse moisture conditions. Typical applications include medical facilities, commercial facilities, and food processing plants.

High efficiency particle capture performance with glass mat media for high humidity or intermittent water laden applications.



Values are Minimum Efficiency Reporting Values (MERVs) when evaluated per ASHRAE Standard 52.2.

[1] *The Energy Cost Index (ECI) is a system that rates a filter's energy usage and its ability to maintain published efficiency over its lifetime. ECI is useful when comparing filters of similar construction and published efficiency. ECI ratings range from a high of 5 stars (low life cycle cost and high overall value) to a low of 1 star (high life cycle cost and low overall value). Details on ECI ratings for Camfil and competitor's products are available from your Camfil sales outlet and on the web at www.camfil.com.*

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PERFORMANCE DATA

Efficiency[1]	Nominal Size (inches) (H X W X D)	Model Number	Part Number	Actual Dimensions (inches) (H X W X D)	Airflow Capacity (cfm)	Initial Resistance (inches w.g.)	Media Area (sq. ft.)
MERV 14 MERV 14- A	24 x 24 x 12	3HCP8-MV14-242412	402298-021	23.31 x 23.31 x 11.31	2000	0.65"	105
	24 x 20 x 12	3HCP8-MV14-242012	402298-022	23.31 x 19.31 x 11.31	1600		86
	24 x 12 x 12	3HCP8-MV14-241212	402298-023	23.31 x 11.31 x 11.31	1000		48
	25 x 20 x 12	3HCP8-MV14-252012	402298-024	24.31 x 19.31 x 11.31	1420		90
	25 x 16 x 12	3HCP8-MV14-251612	402298-025	24.31 x 15.31 x 11.31	1400		70
	20 x 20 x 12	3HCP8-MV14-202012	402298-027	19.31 x 19.31 x 11.31	1400		70
	20 x 16 x 12	3HCP8-MV14-201612	402298-028	19.31 x 15.31 x 11.31	1100		55
	12 x 24 x 12	3HCP8-MV14-122412	402298-029	11.31 x 23.31 x 11.31	1000		46
	20 x 24 x 12	3HCP8-MV14-202412	402298-030	19.31 x 23.31 x 11.31	1600		86
	12 x 24 x 12 (double header)	3DHCP8M14-122412	402311-023	23.31 x 11.31 x 11.25	1000		47
	24 x 24 x 12 (double header)	3DHCP8M14-242412	402311-021	23.31 x 23.31 x 11.25	2000		105
MERV 13 MERV 13-A	24 x 24 x 12	3HCP8-MV13-242412	402298-011	23.31 x 23.31 x 11.31	2000	0.60"	105
	24 x 20 x 12	3HCP8-MV13-242012	402298-012	23.31 x 19.31 x 11.31	1600		86
	24 x 12 x 12	3HCP8-MV13-241212	402298-013	23.31 x 11.31 x 11.31	1000		48
	25 x 20 x 12	3HCP8-MV13-252012	402298-014	24.31 x 19.31 x 11.31	1420		90
	25 x 16 x 12	3HCP8-MV13-251612	402298-015	24.31 x 15.31 x 11.31	1400		70
	20 x 20 x 12	3HCP8-MV13-202012	402298-017	19.31 x 19.31 x 11.31	1400		70
	20 x 16 x 12	3HCP8-MV13-201612	402298-018	19.31 x 15.31 x 11.31	1100		55
	12 x 24 x 12	3HCP8-MV13-122412	402298-019	11.31 x 23.31 x 11.31	1000		48
	20 x 24 x 12	3HCP8-MV13-202412	402298-020	19.31 x 23.31 x 11.31	1600		86
	12 x 24 x 12 (double header)	3DHCP8M13-122412	402311-013	11.31 x 23.31 x 11.25	1000		47
	24 x 24 x 12 (double header)	3DHCP8M13-242412	402311-021	23.31 x 23.31 x 11.25	2000		105
MERV 11 MERV 11-A	24 x 24 x 12	3HCP8-MV11-242412	402298-001	23.31 x 23.31 x 11.31	2000	0.45"	105
	24 x 20 x 12	3HCP8-MV11-242012	402298-002	23.31 x 19.31 x 11.31	1600		86
	24 x 12 x 12	3HCP8-MV11-241212	402298-003	23.31 x 11.31 x 11.31	1000		48
	25 x 20 x 12	3HCP8-MV11-252012	402298-004	24.31 x 19.31 x 11.31	1420		90
	25 x 16 x 12	3HCP8-MV11-251612	402298-005	24.31 x 15.31 x 11.31	1400		70
	20 x 20 x 12	3HCP8-MV11-202012	402298-007	19.31 x 19.31 x 11.31	1400		70
	20 x 16 x 12	3HCP8-MV11-201612	402298-008	19.31 x 15.31 x 11.31	1100		55
	12 x 24 x 12	3HCP8-MV11-122412	402298-009	11.31 x 23.31 x 11.31	1000		48
	20 x 24 x 12	3HCP8-MV11-202412	402298-010	19.31 x 23.31 x 11.31	1600		86
	12 x 24 x 12 (double header)	3DHCP8MV11-122412	402298-011	11.31 x 23.31 x 11.25	1000		47
	24 x 24 x 12 (double header)	3DHCP8MV11-242412	402298-012	23.31 x 23.31 x 11.25	2000		105

DATA NOTES:
All header withs are 7/8". For custom filter needs that deviate from the standard sizes above, contact your local Camfil sales office.
Maximum operating temperature 200° F (90°C). Consult factory for medium and high-temperature models.
Recommended final pressure drop is 1.5" w.g. System design may dictate a lower change-out point.
Although some systems may be subject to intermittent water -aden air, every effort should be made to eliminate water from HVAC applications. Contact your local Camfil sales office for assistance.

Specifications

1.0 General

1.1 - Air filters shall be high-efficiency ASHRAE supported media box-style filters consisting of wet-laid micro-fine glass mat media, safe-edge aluminum separators, frame-to-media pack adhesive bonding, and an aluminized steel enclosure.

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

2.0 Construction

2.1 - Filter media shall be one continuous sheet of micro-fine wet-laid glass mat media. The media shall be capable of withstanding a relative humidity level of 99%.

2.2 - Media separators of aluminum construction shall provide media separation and promote uniform airflow across the media surface. The edges of the separators shall incorporate a safe-edge on the air-entering and air-existing sides so the separators will not puncture the media.

2.3 - An enclosing frame of galvanized steel, with an aluminized finish, shall provide a rugged and durable filter pack. A peripheral header (s) shall be included for side access or built-up bank frame installation.

3.0 Performance

3.1 - The filter shall have a Minimum Efficiency Reporting Value of MERV (11, 13, 14) when evaluated under the guidelines of ASHRAE Standard 52.2-2012. It shall also have a MERV-A rating of (11, 13, 14) when evaluated under ASHRAE Standard 52.2, Appendix J. It shall have an efficiency of (ePM10-70, ePM1-65, ePM1-70) when evaluated per ISO filter testing standard 16890.

3.2 - Initial resistance to airflow shall not exceed (0.45”, 0.60”, 0.65”)* w.g. at an airflow of 500 fpm.

3.3 - The filter shall be classified by Underwriters Laboratories as UL Class 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. Filters shall be Camfil Aeropac.

* Items in parentheses ( ) require selection.

camfil ISO 9001:2015 Certified Quality System

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

Camfil | 1 North Corporate Drive, Riverdale, NJ 07457 | Tel: (973) 616-7300