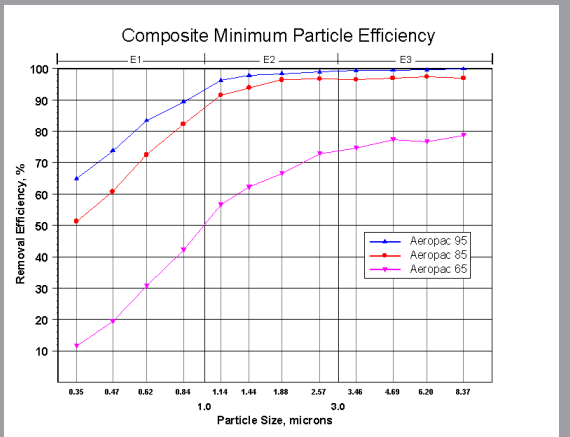
Aeropac®

12" Deep High Efficiency ASHRAE Box Style Air Filter

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.

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, MERV 13 and MERV 14 when tested in accordance with ASHRAE 52.2.
- 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 assure 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.

[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.

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	24 x 24 x 6	3HCP8-MV14-24246	402297-021	23.31 x 23.31 x 5.69	1000	0.35	53
	24 x 20 x 6	3HCP8-MV14-24206	402297-022	23.31 x 19.31 x 5.69	800		43
	24 x 12 x 6	3HCP8-MV14-24126	402297-023	23.31 x 11.31 x 5.69	500		24
	25 x 20 x 6	3HCP8-MV14-25206	402297-024	24.31 x 19.31 x 5.69	875		45
	25 x 16 x 6	3HCP8-MV14-25166	402297-025	24.31 x 15.31 x 5.69	700		35
	24 x 18 x 6	3HCP8-MV14-24186	402297-026	23.31 x 17.31 x 5.69	750		38
	20 x 20 x 6	3HCP8-MV14-20206	402297-027	19.31 x 19.31 x 5.69	700		35
	20 x 16 x 6	3HCP8-MV14-20166	402297-028	19.31 x 15.31 x 5.69	550		27
	12 x 24 x 6	3HCP8-MV14-12246	402297-029	11.31 x 23.31 x 5.69	500		24
	20 x 24 x 6	3HCP8-MV14-20246	402297-030	19.31 x 23.31 x 5.69	800		43
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
	24 x 18 x 12	3HCP8-MV14-241812	402298-026	23.31 x 17.31 x 11.31	1500		77
	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		47
	20 x 24 x 12	3HCP8-MV14-202412	402298-030	19.31 x 23.31 x 11.31	1600		86
MERV 13	24 x 24 x 6	3HCP8-MV13-24246	402297-011	23.31 x 23.31 x 5.69	1000	0.30	53
	24 x 20 x 6	3HCP8-MV13-24206	402297-012	23.31 x 19.31 x 5.69	800		43
	24 x 12 x 6	3HCP8-MV13-24126	402297-013	23.31 x 11.31 x 5.69	500		24
	25 x 20 x 6	3HCP8-MV13-25206	402297-014	24.31 x 19.31 x 5.69	875		45
	25 x 16 x 6	3HCP8-MV13-25166	402297-015	24.31 x 15.31 x 5.69	700		35
	24 x 18 x 6	3HCP8-MV13-24186	402297-016	23.31 x 17.31 x 5.69	750		38
	20 x 20 x 6	3HCP8-MV13-20206	402297-017	19.31 x 19.31 x 5.69	700		35
	20 x 16 x 6	3HCP8-MV13-20166	402297-018	19.31 x 15.31 x 5.69	550		27
	12 x 24 x 6	3HCP8-MV13-12246	402297-019	11.31 x 23.31 x 5.69	500		24
	20 x 24 x 6	3HCP8-MV13-20246	402297-020	19.31 x 23.31 x 5.69	800		43
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
	24 x 18 x 12	3HCP8-MV13-241812	402298-016	23.31 x 17.31 x 11.31	1500		77
	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		47
	20 x 24 x 12	3HCP8-MV13-202412	402298-020	19.31 x 23.31 x 11.31	1600		86
MERV 11	24 x 24 x 6	3HCP8-MV11-24246	402297-001	23.31 x 23.31 x 5.69	1000	0.15	53
	24 x 20 x 6	3HCP8-MV11-24206	402297-002	23.31 x 19.31 x 5.69	800		43
	24 x 12 x 6	3HCP8-MV11-24126	402297-003	23.31 x 11.31 x 5.69	500		24
	25 x 20 x 6	3HCP8-MV11-25206	402297-004	24.31 x 19.31 x 5.69	875		45
	25 x 16 x 6	3HCP8-MV11-25166	402297-005	24.31 x 15.31 x 5.69	700		35
	24 x 18 x 6	3HCP8-MV11-24186	402297-006	23.31 x 17.31 x 5.69	750		38
	20 x 20 x 6	3HCP8-MV11-20206	402297-007	19.31 x 19.31 x 5.69	700		35
	20 x 16 x 6	3HCP8-MV11-20166	402297-008	19.31 x 15.31 x 5.69	550		27
	12 x 24 x 6	3HCP8-MV11-12246	402297-009	11.31 x 23.31 x 5.69	500		24
	20 x 24 x 6	3HCP8-MV11-20246	402297-010	19.31 x 23.31 x 5.69	800		43
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
	24 x 18 x 12	3HCP8-MV11-241812	402298-006	23.31 x 17.31 x 11.31	1500		77
	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		47
	20 x 24 x 12	3HCP8-MV11-202412	402298-010	19.31 x 23.31 x 11.31	1600		86

DATA NOTES:
Model numbers noted are for single-header model. For a double-header substitute 3HCP8 with 3DHCP8. A' N' at the end of the part number indicates nominal size header (undersized, not full size).
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 laden air, every effort should be made to eliminate water from HVAC applications. Contact your local Camfil sales office for assistance.

camfil ISO 9001:2008 Certified Quality System

Camfil has a policy of uninterrupted research, development and product improvement. We reserve the right to change designs and specifications without notice.

ENERGY COST INDEX

Star rating based upon MERV 13 size 24" by 24" by 12" deep filter.

U.S. GREEN BUILDING COUNCIL MEMBER

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