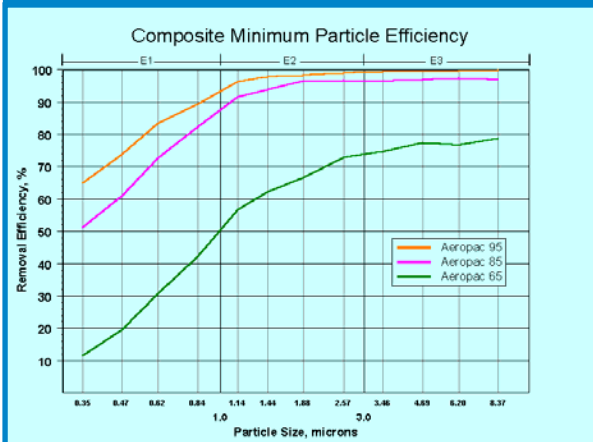


## 12" Deep High-Efficiency ASHRAE Box Style Air Filter



### High-efficiency ASHRAE performance for high-humidity applications



Values are MERVs when evaluated per ASHRAE 52.2.

The Camfil Farr 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:

ASHRAE 52.1	ASHRAE 52.2	Eurovent
60-65%	MERV 11	EU6
80-85%	MERV 13	EU7
90-95%	MERV 14	EU8

- 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.

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.



Camfil Farr	Product sheet
Aeropac®	1602 - 0804
Camfil Farr—clean air solutions	

**PERFORMANCE DATA**

**AEROPAC®**

ASHRAE Efficiency	Model Number	Nominal Size (inches)	Actual Size (inches)	Airflow Capacity (cfm)	Resistance @ Capacity (inches w.g.)	Net Media Area (sq. ft.)
60-65% MERV 11	3HCP8-65-242412	24 x 24 x 12	23.31 x 23.31 x 11.31	2000	0.45	105
	3HCP8-65-242012	24 x 20 x 12	23.31 x 19.31 x 11.31	1600		85
	3HCP8-65-241212	24 x 12 x 12	23.31 x 11.31 x 11.31	1000		47
	3HCP8-65-252012	25 x 20 x 12	24.31 x 19.31 x 11.31	1420		89
	3HCP8-65-251612	25 x 16 x 12	24.31 x 15.31 x 11.31	1400		69
	3HCP8-65-241812	24 x 18 x 12	23.31 x 17.31 x 11.31	1500		76
	3HCP8-65-202012	20 x 20 x 12	19.31 x 19.31 x 11.31	1400		69
	3HCP8-65-201612	20 x 16 x 12	19.31 x 15.31 x 11.31	1100		54
80-85% MERV 13	3HCP8-85-242412	24 x 24 x 12	23.31 x 23.31 x 11.31	2000	0.60	105
	3HCP8-85-242012	24 x 20 x 12	23.31 x 19.31 x 11.31	1600		85
	3HCP8-85-241212	24 x 12 x 12	23.31 x 11.31 x 11.31	1000		47
	3HCP8-85-252012	25 x 20 x 12	24.31 x 19.31 x 11.31	1420		89
	3HCP8-85-251612	25 x 16 x 12	24.31 x 15.31 x 11.31	1400		69
	3HCP8-85-241812	24 x 18 x 12	19.31 x 19.31 x 11.31	1500		76
	3HCP8-85-202012	20 x 20 x 12	19.31 x 19.31 x 11.31	1400		69
	3HCP8-85-201612	20 x 16 x 12	19.31 x 15.31 x 11.31	1100		54
90-95% MERV 14	3HCP8-95-242412	24 x 24 x 12	23.31 x 23.31 x 11.31	2000	0.65	105
	3HCP8-95-242012	24 x 20 x 12	23.31 x 19.31 x 11.31	1600		85
	3HCP8-95-241212	24 x 12 x 12	23.31 x 11.31 x 11.31	1000		47
	3HCP8-95-252012	25 x 20 x 12	24.31 x 19.31 x 11.31	1420		89
	3HCP8-95-251612	25 x 16 x 12	24.31 x 15.31 x 11.31	1400		69
	3HCP8-95-241812	24 x 18 x 12	23.31 x 17.31 x 11.31	1500		76
	3HCP8-95-202012	20 x 20 x 12	19.31 x 19.31 x 11.31	1400		69
	3HCP8-95-201612	20 x 16 x 12	19.31 x 15.31 x 11.31	1100		54

Model numbers noted are for single-header model. For a double-header substitute 3HCP8 with 3DHCP8.

For 6" deep models refer to Camfil Farr Bulletin 1605-1201.

**DATA NOTES:**

*Maximum operating temperature 200° F (90°C). Consult factory for medium and high temperature models.*

*Filters may be operated to 625 fpm. Rated velocity is 500 fpm. Recommended final pressure drop is 1.5" w.g., system design may dictate a lower changeout point.*

**SPECIFICATIONS**

**1.0 General**

**1.1** — Air filters shall be high efficiency ASHRAE supported media box-style filters consisting of wet-laid microfibre 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 exiting 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 52.2-1999. It shall have an average dust spot efficiency of (60-65%, 80-85%, 90-95%)\* when evaluated under ASHRAE Standard 52.1-1992.

**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** — Supporting data; provide independent laboratory test reports for each listed efficiency including all details as prescribed in ASHRAE Standards 52.1 and 52.2.

**3.4** - Manufacturer shall provide evidence of facility certification to ISO 9001:2000.

**3.5** - The filter shall be classified by Underwriters Laboratories as UL Class 1.

\* Items in parentheses ( ) require selection.

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

**Camfil Farr, Inc.**

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