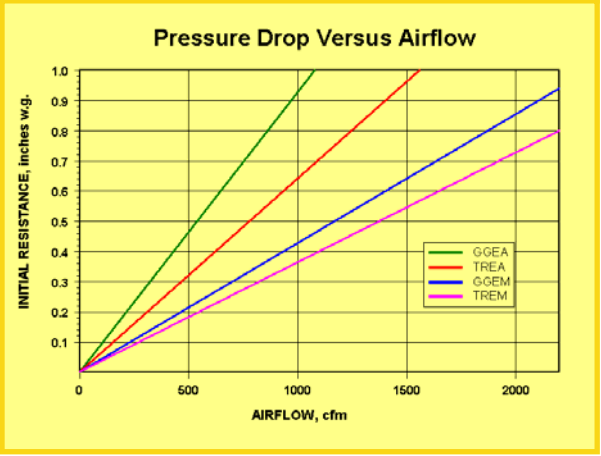
ultra-pac™

Close Pleat™ Technology High-Efficiency Air Filter

Ideal for use in existing systems that require increased airflow or as an energy saving alternative to standard filter configurations



Incorporating Camfil Farr's exclusive Close-Pleat technology, the Ultra-Pac™ may be installed to increase filtration efficiency in an existing system, without modifications to the filter holding mechanism. The Camfil Farr Ultra-Pac offers high-efficiency air filtration in a lower pressure drop design. It is ideal for HVAC applications, medical facilities, food processing, pharmaceutical and semiconductor manufacturing and other locations where clean air and energy savings are critical to system operation. The Ultra-Pac:

- Uses microfiber all-glass media, providing efficiency to published performance values and is resistant to moisture in high humidity environments.
- Is available in two efficiencies - 95% and 99.99% at 0.3 micron particle size.
- Is assembled using a unique fire-retardant polyurethane potting process that completely encapsulates the filter pack within the enclosing frame without the use of fasteners (eliminating frame penetrations and reducing the possibility of leaks).
- Includes uniformly spaced pleats separated by thermoplastic resin separators to ensure pleat stabilization and uniform airflow throughout the filter pack.
- A one-piece seamless urethane gasket to ensure a leak-free filter-to-holding mechanism seal. (A neoprene dove-tailed juncture gasket is also available).
- Is efficiency tested to assure adherence to published values.

Every Camfil Farr Ultra-Pac filter is individually tested per IEST Recommended Practice IEST-RP-CC001. Each unit includes a label noting tested efficiency, pressure drop, rated and performing airflow, and a unique serial number for unit tracking and quality assurance.

camfil FARR

Camfil Farr	Product sheet
Ultra-Pac™	1824 - 0606
Camfil Farr—clean air solutions	

PERFORMANCE DATA

ULTRA-PAC™

Model	Efficiency	Nominal Size (inches)	Airflow Capacity (cfm)	Resistance @ Capacity (inches w.g.)	Media Area (sq. ft.)	Shipping Weight (lbs)
GGEM-200-**	95% @ 0.3 Micron	12 x 12 x 11.50	240	0.50”	38	10
GGEM-450-**		12 x 24 x 11.50	520		77	17
GGEM-725-**		18 x 24 x 11.50	820		116	24
GGEM-1000-**		24 x 24 x 11.50	1120		155	32
GGEM-1250-**		30 x 24 x 11.50	1410		194	40
TREM-200-**		12 x 12 x 11.50	300		57	12
TREM-450-**		12 x 24 x 11.50	650		116	20
TREM-725-**		18 x 24 x 11.50	1020		174	28
TREM-1000-**		24 x 24 x 11.50	1400		233	34
TREM-1250-**		30 x 24 x 11.50	1770		290	43
GGEA-200-**	99.99% @ 0.3 Micron	12 x 12 x 11.50	225	1.0”	41	10
GGEA-450-**		12 x 24 x 11.50	475		78	17
GGEA-725-**		18 x 24 x 11.50	750		126	24
GGEA-1000-**		24 x 24 x 11.50	1040		169	32
GGEA-1250-**		30 x 24 x 11.50	1300		211	40
TREA-200-**		12 x 12 x 11.50	340		61	12
TREA-450-**		12 x 24 x 11.50	725		126	20
TREA-725-**		18 x 24 x 11.50	1140		188	28
TREA-1000-**		24 x 24 x 11.50	1560		253	34
TREA-1250- **		30 x 24 x 11.50	1970		315	43

** within model number designates gasket location as follows:

None = No Gasket

01 = Gasket Downstream

10 = Gasket Upstream

11 = Gasket Both Sides

Additional sizes available, please contact factory for availability and pricing.

DATA NOTES:

Maximum operating temperature 160° F (70° C).

SPECIFICATIONS

Air Filters—1.0 General

1.1 - Air filters shall be HEPA grade standard capacity air filters with waterproof microfine glass media, thermoplastic media separators, urethane potting, 20-gauge steel enclosing frame and neoprene 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 microfine glass media.
2.2 - Pleats shall be uniformly separated by thermoplastic media separators, creating a stable filter pack and uniform pleat separation.
2.3 - The media pack shall be potted into the enclosing frame through the use of a urethane potting sealant.
2.4 - The enclosing frame of 20-gauge steel shall be bonded to the media pack and 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”.
2.4 - A poured-in-place seamless sealing 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 (95%, 99.99%)* when evaluated under the guidance of IEST Recommended Practice RP-CC001.
3.2 - Initial resistance to airflow shall be 0.50”, 1.0”)* w.g. at an airflow of (350, 390)* fpm.

Supporting Data - The filter shall be identified on a label as to tested efficiency, rated/tested cfm, pressure drop, and shall be serialized for identification.

** 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.
United States Tel: (973) 616-7300 Fax: (973) 616-7771
Canada Tel: (450) 629-3030 Fax: (450) 662-6035
E-mail: camfilfarr@camfilfarr.com

http://www.camfilfarr.info
http://www.camfilfarr.com

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