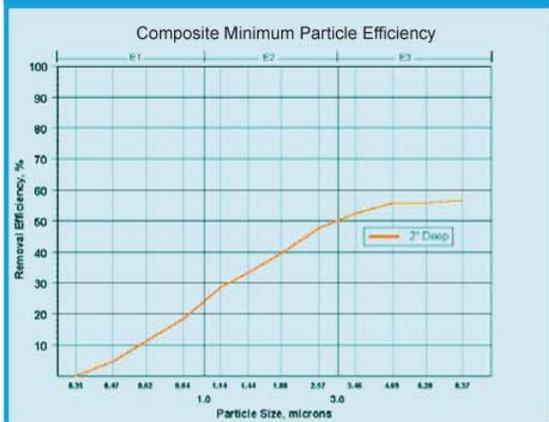


Farr 30/30[®]

High-Capacity Pleated Panel Filter



As the longest lasting, most durable medium efficiency ASHRAE filter, the 30/30[®] has set the industry standard for over 35 years



Values are MERVs when evaluated per ASHRAE 52.2
When evaluated under ASHRAE standard 52.1 the 30/30 has a dust spot efficiency of 25-30%.

Industry Standard

The camfil Farr 30/30[®] has been setting the standard by which other medium-efficiency ASHRAE filters have been judged since 1963. With more than 26 design improvements it continues to provide the best value for your air filtration.

Exclusive Media Blend

The exclusive media, manufactured by Camfil Farr so quality is assured, is a specific blend of cotton and polyester fibers. This specific blend incorporates mechanical particle capture principles and does not require an electric charge to enhance efficiency; efficiency is maintained throughout the life of the filters. The media is formed into a radial pleat to ensure full use of the media area, this combination provides G4 on EN779 efficiency or MERV 7 on ASHRAE efficiency, a uniform low-resistance to airflow over the life of the filter, and a longer life in the system than standard capacity filters. This lower resistance converts to energy savings.

Efficiency and Strength

The radial pleat is maintained by a welded wire grid that is spot welded on one inch centers, treated for corrosion resistance and bonded to the media to prevent oscillation. A 28-point high wet-strength beverage board frame, with integral diagonal support members assures filter rigidity in virtually any application.

Sizes for any Application

Available in 2" deep, and 4" deep configurations the 30/30 is ideal for commercial, industrial, medical, institutional or any other application where improved air quality is a concern.



| | |
|-----------------------------------|---------------|
| Camfil Farr | Product Sheet |
| Farr 30/30 [®] | CFT002-0805 |
| Camfil Farr - clean air solutions | |

PERFORMANCE DATA

FARR 30/30®

| Nominal Filter Depth | Nominal Size (inches) | Actual Size (inches) | | | Airflow Capacity (cfm) | | Resistance @ Capacity (inches w.g.) | | Total Media Area (sq.ft) | Pleats per Linear Foot |
|----------------------|-----------------------|----------------------|-------|-------|------------------------|------|-------------------------------------|------|--------------------------|---------------------------|
| | | Height | Width | Depth | Medium | High | Medium | High | | |
| 4" | 20 x 16 x 4 | 19.38 | 15.83 | 3.75 | 560 | 1110 | 0.07 | 0.27 | 15.7 | 11 pleats per linear foot |
| | 20 x 20 x 4 | 19.38 | 19.38 | | 695 | 1390 | | | 18.7 | |
| | 24 x 12 x 4 | 23.38 | 11.38 | | 500 | 1000 | | | 13.9 | |
| | 24 x 20 x 4 | 23.38 | 19.38 | | 835 | 1670 | | | 22.6 | |
| | 24 x 24 x 4 | 23.38 | 23.38 | | 1000 | 2000 | | | 27.6 | |
| | 25 x 16 x 4 | 24.38 | 15.38 | | 695 | 1390 | | | 19.7 | |
| | 25 x 20 x 4 | 24.38 | 19.38 | | 870 | 1735 | | | 23.6 | |
| | 25 x 25 x 4 | 24.38 | 24.38 | 1260 | 2520 | 30.8 | | | | |
| 2" | 16 x 20 x 2 | 15.50 | 19.50 | 1.75 | 550 | 975 | 0.08 | 0.28 | 8.3 | 15 pleats per linear foot |
| | 20 x 14 x 2 | 19.50 | 13.50 | | 490 | 975 | | | 8.3 | |
| | 20 x 20 x 2 | 19.50 | 19.50 | | 695 | 1390 | | | 12.1 | |
| | 24 x 12 x 2 | 23.38 | 11.38 | | 500 | 1000 | | | 8.5 | |
| | 24 x 16 x 2 | 23.50 | 15.50 | | 695 | 1390 | | | 12.7 | |
| | 24 x 18 x 2 | 23.50 | 17.50 | | 750 | 1558 | | | 13.4 | |
| | 24 x 20 x 2 | 23.50 | 19.50 | | 835 | 1670 | | | 14.7 | |
| | 24 x 24 x 2 | 23.38 | 23.38 | | 1000 | 2000 | | | 17.7 | |
| | 12 x 24 x 2 | 11.38 | 23.38 | | 500 | 1100 | | | 8.5 | |
| | 12 x 12 x 2 | 11.38 | 11.38 | | 415 | 835 | | | 7.6 | |
| | 25 x 16 x 2 | 24.50 | 15.50 | | 694 | 1390 | | | 12.7 | |
| | 25 x 18 x 2 | 24.50 | 17.50 | | 780 | 1565 | | | 13.5 | |
| | 25 x 20 x 2 | 24.50 | 19.50 | | 870 | 1740 | | | 15.3 | |

SPECIFICATIONS

1.0 General

- 1.1 Air filters shall be medium efficiency ASHRAE, MERV 7 and G4 in EN779 pleated panels consisting of cotton and synthetic media, media support grid and enclosing frame.
- 1.2 Sizes shall be noted on drawing or the supporting materials.

2.0 Construction

- 2.1 Filter media shall be a cotton and synthetic blend, lofted to a uniform depth of 0.18", and formed into a uniform radial pleat.
- 2.2 A welded wire grid, spot-welded on one-inch centers, treated for corrosion resistance, shall be bonded to the downstream side of the media to maintain the radial pleat and prevent media oscillation.
- 2.3 An enclosing frame of no less than 28-point high wet-strength beverage board shall provide a rigid and durable enclosure. The frame shall be bonded to the media to prevent air bypass, and include integral diagonal support members on the air entering and air existing side to maintain uniform pleat spacing in varying airflows.

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

Camfil Farr Group

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3.0 Performance

- 3.1 Filter shall have a Minimum Efficiency Reporting Value of MERV 7 when evaluated under the guidelines of ASHRAE standard 52.2-1999 and efficiency G4 when evaluated under EN779-2002. It shall have an average dust spot efficiency of 25-30% when evaluated under ASHRAE Standard 52.1-1992. Minimum dust holding capacity when evaluated under this standard shall be no less than 170 grams.
- 3.2 Initial resistance to airflow shall not exceed 0.28" or 0.27" w.g. at airflow of 500 fpm on 2" or 4" deep models respectively.
- 3.3 The filter shall be classified by Underwriters Laboratories as UL class 2.
- 3.4 Manufacture shall provide evidence of facility certification to ISO 9001-2000.

Supporting Data - Provide product test reports for each listed efficiency including all details as prescribed in ASHRAE Standard 52.1 and 52.2 and EN779-2002

**Item in parentheses () require selection.*

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