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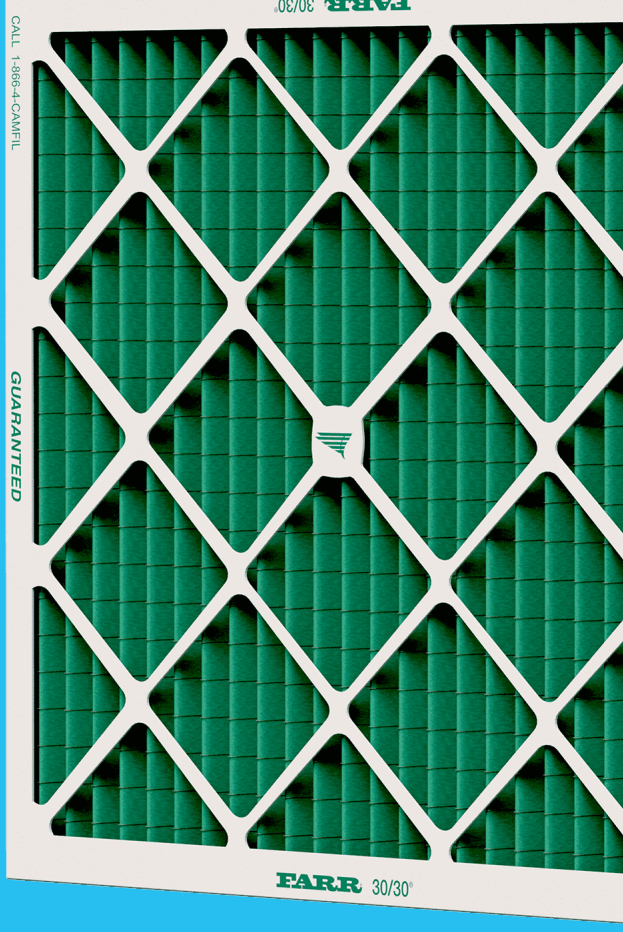

CAMFIL FARR 30/30

High-capacity pleated panel filter

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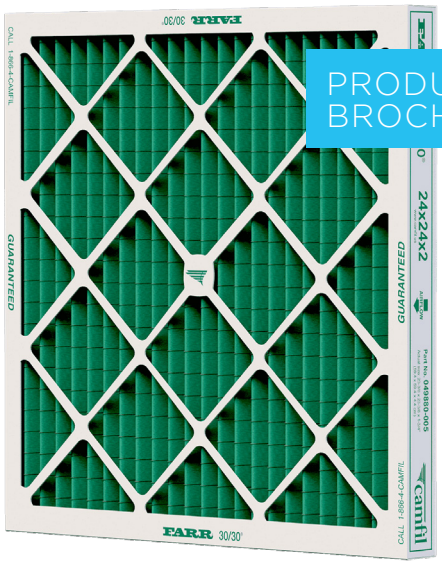
PRODUCT BROCHURE



CAMFIL FARR 30/30 HIGH-CAPACITY PLEATED PANEL FILTER

Available in 50mm and 100mm depths, the 30/30 performs at MERV 8/8A and ePM10-50 under ASHRAE and ISO filter testing standards respectively. The pleated panel filter uses a mechanical particle capture principle that will not drop in efficiency and provides the long life span.

Specification

Air filters shall be medium efficiency ASHRAE pleated panels consisting of synthetic media, welded wire media support grid, and beverage board enclosing frame. Sizes shall be noted on drawings or other supporting materials.

Construction

Filter media shall be a synthetic blend, lofted to a uniform depth of 3.8mm, and formed into a uniform radial pleat.

A welded wire grid, spot-welded on one-inch centres and treated for corrosion resistance shall be bonded to the downstream side of the media to maintain radial pleats and prevent media oscillation.

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 on all sides to prevent air bypass. Integral diagonal support members on the air-entering and air-exiting side shall be bonded to the apex of each pleat to maintain uniform pleat spacing in varying airflows.

Performance

The filter shall have a Minimum Efficiency Reporting Value of MERV 8 when evaluated under the guidelines of ASHRAE Standard 52.2. It shall also have a MERV-A of 8 when tested per Appendix J of the same standard. ISO 16890 rating is ePM10 50

Initial resistance to airflow shall not exceed 7.9 or 6.9 mm w.g..at an airflow of 2.54 m/s on 50 mm or 100 mm deep models respectively.

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Camfil Farr 30/30 High-Capacity Pleated Panel Filter

Product Code	Nominal Depth (mm)	Dimensions H x W x D (mm)	Airflow Capacity @ 2.54 m/sec (m3/s)	No. of Pleats per 300mm
80021010	50	241 x 241 x 44	0.16	15
80021020	50	241 x 495 x 44	0.33	15
80021212	50	292 x 292 x 44	0.24	15
80021220	50	292 x 495 x 44	0.39	15
80021224	50	292 x 594 x 44	0.47	15
80021420	50	343 x 495 x 44	0.46	15
80021424	50	343 x 594 x 44	0.55	15
80021425	50	343 x 622 x 44	0.57	15
80021520	50	368 x 495 x 44	0.49	15
80021616	50	394 x 394 x 44	0.42	15
80021620	50	394 x 495 x 44	0.53	15
80021624	50	394 x 594 x 44	0.63	15
80021625	50	394 x 622 x 44	0.66	15
80021820	50	445 x 495 x 44	0.59	15
80021824	50	445 x 594 x 44	0.71	15
80021825	50	445 x 622 x 44	0.74	15
80022020	50	495 x 495 x 44	0.66	15
80022024	50	495 x 594 x 44	0.79	15
80022025	50	495 x 622 x 44	0.82	15
80022030	50	495 x 749 x 44	0.98	15
80022424	50	594 x 594 x 44	0.94	15
80022525	50	622 x 622 x 44	1.03	15
80041021	100	241 x 515 x 95	0.34	13
80041212	100	292 x 292 x 95	0.24	13
80041224	100	292 x 594 x 95	0.47	13
80041620	100	394 x 495 x 95	0.53	13
80041624	100	394 x 594 x 95	0.63	13
80041625	100	394 x 622 x 95	0.66	13
80041820	100	445 x 495 x 95	0.59	13
80041824	100	445 x 594 x 95	0.71	13
80042020	100	495 x 495 x 95	0.66	13
80042024	100	495 x 594 x 95	0.79	13
80042025	100	495 x 622 x 95	0.82	13
80042030	100	495 x 749 x 95	0.98	13
80042424	100	594 x 594 x 95	0.94	13
80042529	100	622 x 724 x 95	1.19	13
80042830	100	698 x 749 x 95	1.38	13