Camfil Farr 30/30

# General

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

# Construction

* 1. - Filter media shall be a synthetic blend, lofted to a uniform depth of 0.15”, and formed into a uniform radial pleat.
	2. - A welded wire grid, spot-welded on one-inch centers and treated for corrosion resistance shall be bonded to the downstream side of the media to maintain radial pleats and prevent media oscillation.
	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 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

* 1. - 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
	2. - Initial resistance to airflow shall not exceed 0.27”, 0.31” or 0.27” w.g. at an airflow of 350, 500 or 500 fpm on 1”, 2” or 4” deep models respectively.
	3. – The filter shall have an Energy Cost Index (ECI) value of five stars.
	4. - The filter shall be listed by Underwriters Laboratories as UL Class 900.
	5. - Manufacturer shall provide evidence of facility certification to ISO 9001:2015.
	6. - Manufacturer shall guarantee the integrity of the filter pack to 2.0” w.g.

**Supporting Data** - Provide product test report including all details as prescribed in ASHRAE Standards 52.2, including Appendix J.

Filter shall be Camfil Farr 30/30 or equal.

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