



BioMAX HEPA 99.999% Suggested Specifications

Performance

Each filter shall be certified to provide a minimum overall efficiency of 99.999% PAO (polyalphaolephin) on 0.3 micrometer particles.

The filters shall have a nominal rating of 45 SCFM with a maximum initial resistance of 1.0 " W.G.

Physical Characteristics

The exact dimensions of the filter shall be _____ high x _____ wide x _____ deep with a manufacturing tolerance of +/-1/32" and square within 1/32". The cell sides shall be made of 26 ga. galvanized steel.

The media shall be made of ultra fine fiberglass formed into a high density paper and pleated. The media shall be water repellent. The pleats of media shall be spaced apart by adhesive beads.

The media pack to cell side bond shall be made of (white polyurethane elastomer, silicone, hot melt), and shall contain no less than _____ square feet of media and no greater than _____ square feet of media.

A gasket made of closed-cell neoprene rubber shall be installed on the (upstream, downstream, both sides) of the filter.

The filters shall be classified by Underwriters' Laboratories.

Labeling

A label shall be applied to each filter identifying the brand name, manufacturer, test air flow direction, overall penetration, initial resistance and test air flow capacity.