DuraMAX Suggested Specifications

The air filters shall be of the 65%, 75%, 85%, 95% and 98% efficiency Extended Surface Minipleat type and shall consist of molded high-impact plastic polymer top, bottom, and end posts, and rigid (high-impact plastic polymer, 26 Ga. galvanized metal) vertical channels, into which eight (8) individual pleated filter panel sections are inserted. The media filter packs shall be bonded to the frame assembly using a two-part polyurethane sealer to prevent air by-pass and enhance durability.

The filter media shall be a bi-directional microfiberglass formed into panel sections using mini-pleat construction and shall incorporate glue bead separators to maintain spacing and low resistance to air flow. Filter panel construction shall provide superior dust holding capacity and prevent fiber shedding..

Each filter shall have an Average Atmospheric Dust Spot Efficiency of 90-95%, as determined by the A.S.H.R.A.E. 52.1 - 1992 test method, shall withstand a maximum temperature of 200^{o} F., and have a minimum burst pressure of 10" w.g.

The filter shall be rated ____ as to Minumum Efficiency Reporting Value (MERV), according to ASHRAE Standard 52.2-1999 test method, at a rated air flow capacity of 2000 CFM at 500 FPM face velocity.

The rated filter face velocity shall be 500 FPM, with an air flow capacity 2000 CFM. The initial resistance shall not exceed 0.36" W.G. The filter size shall be 24 wide x 24 high x 12 deep.

The manufacturer shall guarantee filter performance to be as stated in their literature within tolerances conforming to Section 7.4 of ARI Standard 850-84. Representative filters shall have been tested by an independent, commercially operated test laboratory. The independent test laboratory report shall be available upon request.

The filters shall be identified as "DuraMAX" Extended Surface Minipleat filters manufactured by Koch Filter.