



### **DuraMAX 4vS Suggested Specifications**

The air filters shall be of the 95% efficiency (MERV 15) Extended Surface Minipleat type and shall consist of molded high-impact plastic polymer top, bottom, and end posts, and rigid (26 Ga. galvanized metal, high-impact plastic polymer) 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 dual-layered synthetic 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 95% as determined by the A.S.H.R.A.E. 52.1 - 1992 test method, shall withstand a maximum temperature of 200<sup>o</sup> F., and have a minimum burst pressure of 10" w.g.

The rated filter face velocity shall be \_\_\_\_\_ FPM, with an air flow capacity \_\_\_\_\_ CFM. The initial resistance shall not exceed \_\_\_\_\_" W.G. The filter size shall be \_\_\_\_\_ wide x \_\_\_\_\_ high x \_\_\_\_\_ 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 4vS" Extended Surface Minipleat filters manufactured by Koch Filter.