



## **Suggested Specifications: Multi-Cell**

### **Performance**

The filter shall be tested and verified to provide an average efficiency of \_\_\_\_\_ (90-95%, 80-85%, 60-65% ) based on the A.S.H.R.A.E. Std. 52.1 Dust Spot Efficiency test, and/or MERV rating of \_\_\_\_ ( 11-15) according to Ashrae 52.2.

The filters shall have a nominal rating of \_\_\_\_\_SCFM with a maximum initial resistance of \_\_\_\_\_" W.G., based on a \_\_\_\_\_" x \_\_\_\_\_" x \_\_\_\_\_" configuration.

### **Physical Characteristics**

The exact dimensions of the filter shall be \_\_\_\_\_ high x \_\_\_\_\_ wide x \_\_\_\_\_ deep with a manufacturing tolerance of +0, -1/8" and square within 1/8".

The media shall be made of ultra fine fiberglass formed into a high density paper in a pleated configuration, with separators. The media shall be water repellent, and have a flammability designation, according to its manufacturing specification for UL classification. The filters shall be classified by Underwriters' Laboratories as UL900 Std. Class 1(Class 2 on particle board construction).

The pleats of media shall be spaced apart by corrugated aluminum (or PVC - coated aluminum) separators.

The cell enclosures shall be made of (particle board, galvanized steel, or aluminized steel).

The media pack shall be bonded to the cell sides with a non-migrating adhesive.

A gasket made of closed-cell neoprene, shall be installed on \_\_\_\_\_ face(s), or sides, of the filter.

### **Labeling**

Identifying labels shall be applied to the filter denoting model, size, direction of air flow, and UL Classification.