



## **Suggested Specifications Multi-Cell High Temperature**

### **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, and shall have high temperature rating of (750°F, 900°F) at maximum flow rate.

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

The media pack shall consist of no less than (140, 175) square feet of usable media surface area, and shall be enclosed with a high-density micro-fiberglass media, bonded to the cell sides with a welded faceguard on the air entering and air leaving sides of the media pack. The pleats of media shall be spaced apart by corrugated aluminum separators.

A gasket made of fiberglass braided rope, shall (shall not)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.