

## INVINCIBLE 500™ FILTER

THE END OF SIDE ACCESS FILTER FAILURE

**MERV 8**

**THE ONLY LOW RESISTANCE  
MERV 8 CONTINUOUS FILTER**



### **WHY INVINCIBLE 500**

- ◆ LOW RESISTANCE AT 500 FPM
- ◆ NO DAMAGE FROM MOISTURE
- ◆ NO GAPS BETWEEN FILTERS
- ◆ INTERNAL 'X' GRID SUPPORT
- ◆ SPOR-AX® ANTIMICROBIAL
- ◆ MERV 8

### **ELIMINATE PRODUCT FAILURE**

*Invincible 500 single and continuous filters will withstand the most extreme conditions.*

*An internal 9 gauge galvanized 'X' grid assures that filters stay in place.*

*No chipboard frame to collapse. No falling out of frames or side access tracks.*

### **NO UNFILTERED AIR BETWEEN FILTERS**

*The use of individual pleat filters in side access units presents the concern of gaps between filters allowing unfiltered air downstream to contaminate coils and work areas.*

*The Invincible 500 continuous filter eliminates space between, around and at the end of a side access track.*

### **NO MOLD GROWTH ON FILTERS**

*Invincible 500 filters with Spor-Ax antimicrobial will not support microbial growth on the filter. No early change outs from mold growth on filter media or paper board frames.*

### **APPLICATIONS**

*Used in commercial and industrial air filtration systems. When clean air is important*

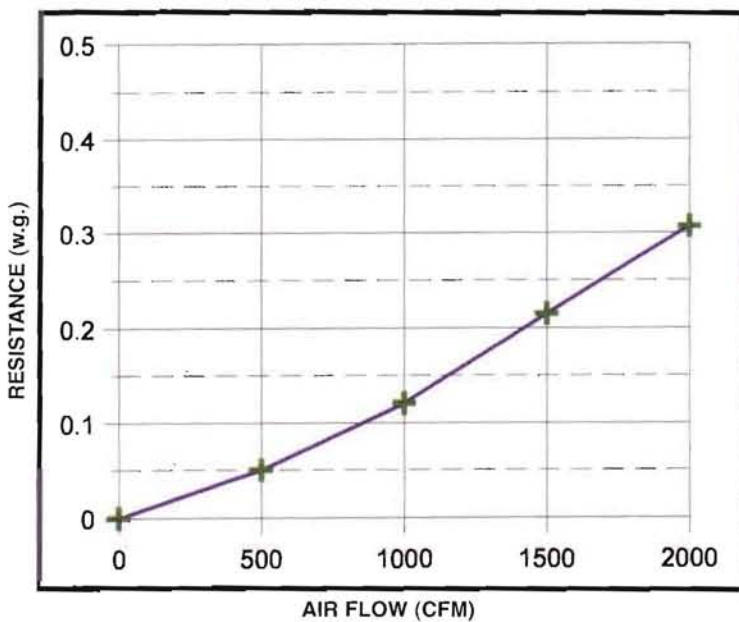
- ★ CASINOS
- ★ OFFICE BUILDINGS
- ★ HOSPITALS
- ★ FOOD PROCESSING
- ★ UNIVERSITIES
- ★ AIRPORTS
- ★ RESTAURANTS
- ★ MEDICAL BUILDINGS

**"THE BEST FILTERS  
COME FROM THE BEST MEDIA"**

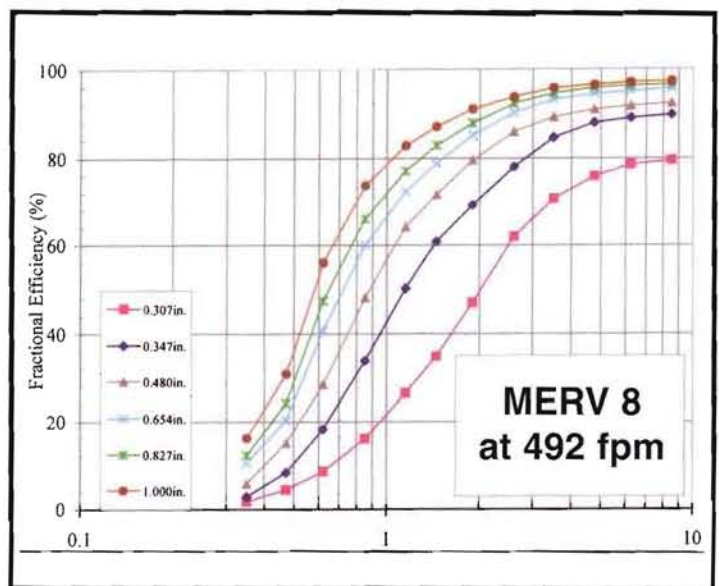
# TECHNICAL DATA

- MERV 8 - ASHRAE 52.2-1999
- Operating temperature up to 200° F.
- Initial resistance - 0.14" w.g. at 295 fpm.
- Initial resistance - 0.31" w.g. at 492 fpm.
- Recommended discard point 1.0" w.g.

**RESISTANCE VS AIRFLOW**

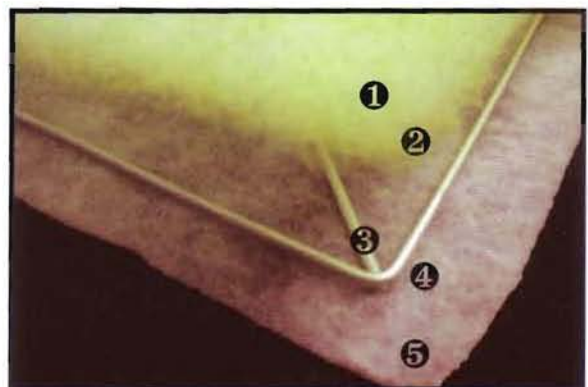


**REMOVAL EFFICIENCY VS PARTICLE SIZE**



Particle Size Removal Efficiency Conducted by LMS Technologies. (January 2008)

1. Depth loads for maximum service life
2. Dustlok® Adhesive
3. 9 gauge galvanized 'X' support grid
4. Dustlok® Adhesive
5. High Density for maximum efficiency



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 Form # FB 19 2.5M 1/08