

## MULTI-WEDGE 45 'H'

HEADER

MERV 9



### WHY MULTI-WEDGE 45 'H'

- ◆ WELDED HEAT SEALED POCKETS
- ◆ MOISTURE RESISTANT
- ◆ 100% SYNTHETIC MEDIA
- ◆ SPOR-AX® ANTIMICROBIAL
- ◆ MERV 9
- ◆ 12" & 20" DEPTH

### MEDIA DESIGNED TO LAST

Fiber Bond Multi-Wedge 45 filters are made with a tough, high density polyester media manufactured at Fiber Bond.

Designed to withstand the most severe environmental operating conditions.

Resistance to high humidity, oil mists, acids, alkalies and most organic solvents.

### HEAT SEAL CONSTRUCTION

All perimeter edges and internal dividers are permanently welded together. This dielectric process assures a leak proof self-supporting pocket. No needle holes for dirt migration downstream.

### SPOR-AX - NO EARLY CHANGE OUTS

Spor-Ax antimicrobial is a proven, highly effective biocide. Spor-Ax controls the growth of mold, mildew, algae and fungi on the filter. Spor-Ax will not off gas, migrate or leach into the air stream.

Mold build up on filter media will increase resistance. No early and unanticipated filter purchases and change outs.

### APPLICATIONS

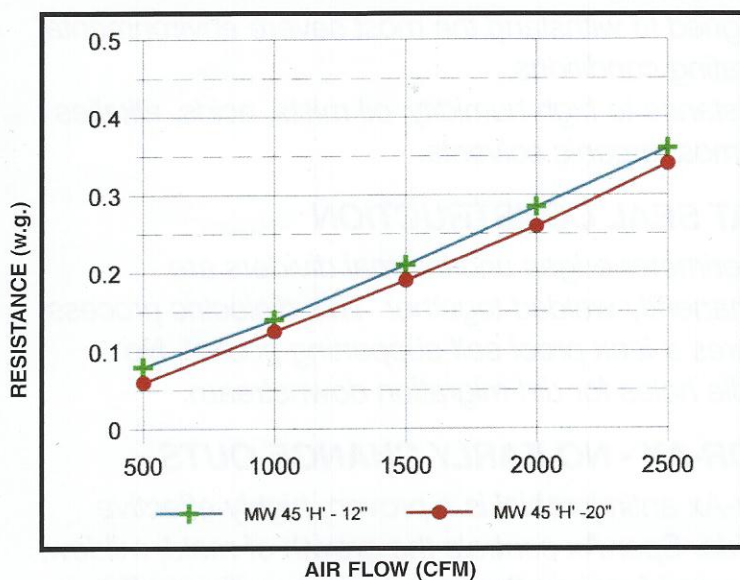
- ★ HOSPITALS
- ★ AIRPORTS
- ★ UNIVERSITIES
- ★ PHARMACEUTICALS
- ★ OFFICE BUILDINGS
- ★ FOOD PROCESSING
- ★ MANUFACTURING
- ★ MEDICAL BUILDINGS

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

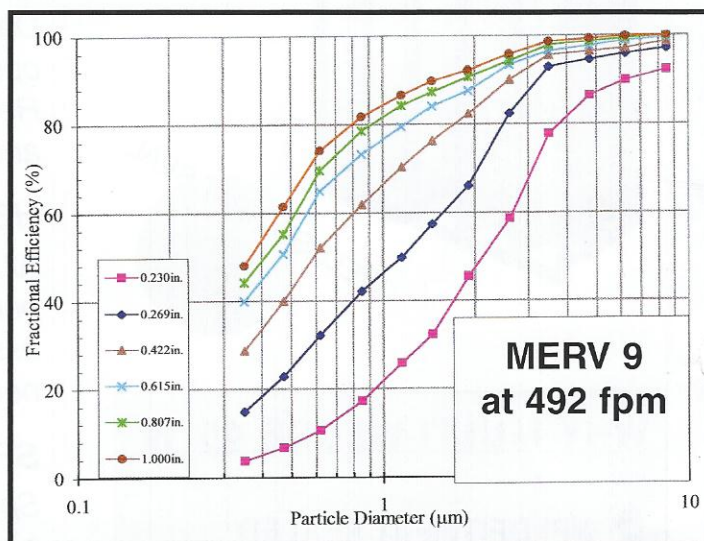
# TECHNICAL DATA

- MERV 9 - ASHRAE 52.2-1999
- Operating temperature up to 200° F.
- Initial Resistance (w.g.) at 492 fpm: 12 inch -0.28", 20 inch -0.26"
- Recommended discard point 1.0" wg
- Underwriter's Laboratories Class 2

**RESISTANCE VS AIRFLOW**



**REMOVAL EFFICIENCY VS PARTICLE SIZE**

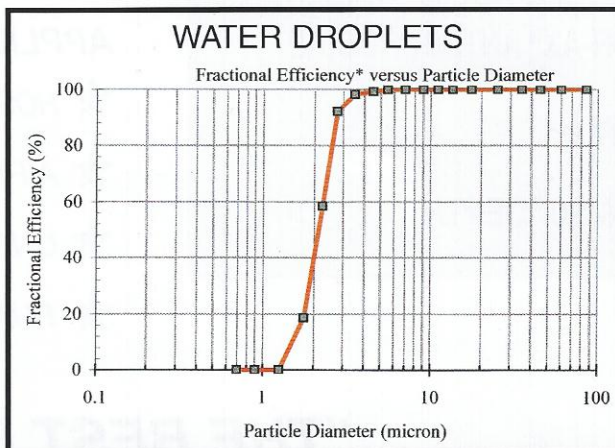


Particle Size Removal Efficiency Conducted by LMS Technologies.

Fiber Bond Multi-Wedge 45 media will withstand severe operating conditions. 100% moisture will not break down the Multi-Wedge 45 media. Shown are MW 45 filters as a moisture / particle separator.



**WATER DROPLETS**



Moisture Separator Test Conducted by LMS Technologies. (April 2006)

Spor-Ax® is a registered trademark of Fiber Bond Corporation.

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