

MULTI-WEDGE 45 'S'

SELF-SEALING

MERV 9



MEDIA DESIGNED TO LAST

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

Resistant 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.

SELF-SEAL FRONT LOAD DESIGN

The positive edge self sealing design is used in conventional front access systems.

The overlapping media tightly pressure fits against the holding frame. No by-pass around the filter.

SPOR-AX - NO EARLY CHANGE OUTS

Spor-Ax controls the growth of mold, mildew, algae and fungi on the filter.

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

WHY MULTI-WEDGE 45 'S'

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

APPLICATIONS

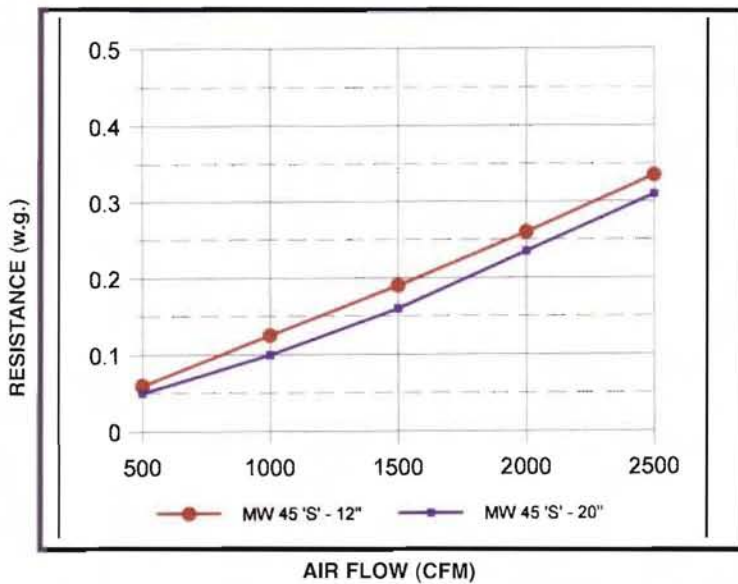
- ★ HOSPITALS
- ★ OFFICE BUILDINGS
- ★ AIRPORTS
- ★ FOOD PROCESSING
- ★ UNIVERSITIES
- ★ HOTELS
- ★ RESTAURANTS
- ★ MEDICAL BUILDINGS

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

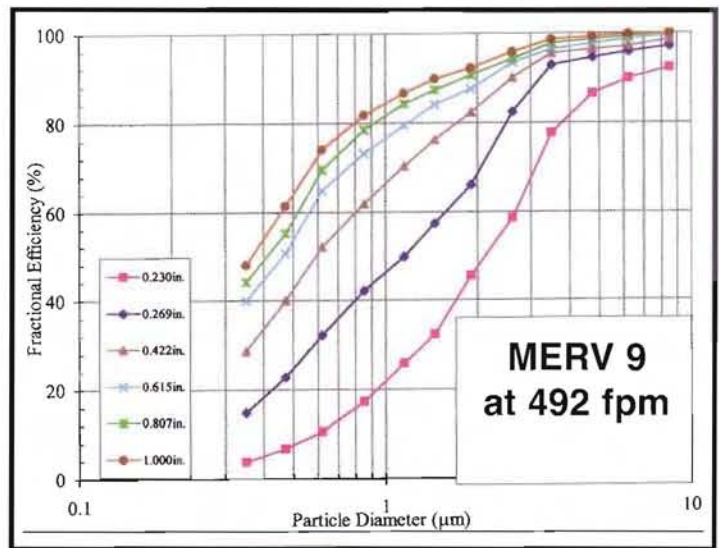
TECHNICAL DATA

- MERV 9 - ASHRAE 52.2-1999
- Operating temperature up to 200° F.
- Initial Resistance (w.g.) at 492 fpm: 12 inch -0.27", 20 inch -0.23"
- 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.



100% welded heat sealed perimeter edges and internal seals assure a leak-proof construction.



Overlapping media pressure fits against frame preventing dirt by-pass.



Fiber Bond Multi-Wedge 45
Also Available in a Header Design.

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

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