

FEATURES AND BENEFITS OF FILTA-MATIX RIGA CELL FILTERS

RIGID CONSTRUCTION

Filta-Matix Riga Cell filters are rigid in structure and designed to replace non-supported pocket filters. The rigid frame makes installation an easy and simple task.

THE MEDIA

The media is manufactured from pure glass fiber or blended fiber media for a constant performance rating. The pure glass media is identical to that used in conventional pocket filters. Performance ranges from 45 – 90% efficiency levels.

EXTENDED AREA

The media is laminated with internal support backing and then pleated to form an extended surface area filter. Heavy duty chipboard spacers are inserted as separators to ensure that the pleat formation retains its shape even at final differential pressure conditions. The completed pack is bonded into the frame to form a permanent and positive seal.

INTERCHANGEABLE

Riga Cell filters replace conventional pocket filters without the need for any modifications to existing holding frames, clips or gaskets.



PERFORMANCE

Riga Cell filters offer a greater area when compared to conventional pocket filters and, therefore, offer large dust holding capacities without added differential pressure.

TECHNICAL TEST DATA

EFFICIENCY RATING	50%	65%	85%	95%
Minimum gross media area	5,04 m ²	5,04 m ²	5,04 m ²	5,04 m ²
Filter approach velocity	2,5 m/s	2,5 m/s	2,5 m/s	2,5 m/s
Air flow rate	0,944 m ³ /s	0,944 m ³ /s	0,944 m ³ /s	0,944 m ³ /s
Initial resistance (@2,5 m/sec)	50	60	80	90
Final resistance (@2,5 m/sec)	250 Pa	250 Pa	250 Pa	250 Pa
Average synthetic dust mass Arrestance	98%	98%	99%	99%
Average dust spot efficiency	50%	65%	85%	95%
MERV	10	11	13	14
Dust holding capacity	480g	370g	260g	220g