FEATURES AND BENEFITS OF FILTA-MATIX POCKET FILTERS

THE MEDIA

The media is manufactured from melt blown synthetic media. The fiber diameter, density and thickness are closely controlled to guarantee consistent performance values.

POCKET DESIGN

The welding process and unique separator is absolutely vital to prevent "ballooning"and to ensure total media utilisation. The perimeter is welded to prevent any possibility of the pockets bursting under pressure.

FRAME ASSEMBLY

Each individual pocket is bonded to plastic "mouth rings" TO ENSURE THAT THE AIR ENTRY IS UNRESTRICTED. The individual "mouth rings"are combined and inserted into the main header to complete the total assembly.

PERFORMANCE

Pocket filters are, without doubt, still the most economical choice for optimum efficiency and low resistance to air flow. The cost vs performance ratio is so low that it is no wonder that this product is the largest seller worldwide in air-conditioning and ventilation systems.

EFFICIENCY LEVELS

Pocket filters are available in MERV 10, 11, 13 and 14 ratings. The number of pocket lengths may be varied to engineer the filter for optimum dust holding capacity and life.

EFFICENCY RATING	50%	65%	85%	95%
Standard length of pockets	600mm	600mm	600mm	600mm
Standard number of pockets	6	6	6	6
Minimum gross media area	5,04 m²	5,04 m²	5,04 m²	5,04 m²
Filter approach velocity	2,5 m/s	2,5 m/s	2,5 m/s	2,5 m/s
Air flow rate	0,944 m³/s	0,944 m³/s	0,944 m³/s	0,944 m³/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	400g	310g	220g	180g