

AIREPLEAT M11

High Capacity MERV 11 Pleated Panel Filter

General

Airepure® Australia has selected Kimberly-Clark INTREPID® 411H Pleat Filtration Media of which is designed to provide sustained efficiency with a low pressure drop. All INTREPID Filtration Media is 100% synthetic, so it will not absorb moisture or support microbial growth. It has a lower initial pressure drop than cotton-polyester and self supporting pleat media which leads to energy savings during use.

AirePleat M11 high capacity filters can easily upgrade existing flat panel, V-Form or MERV 8 filters currently being used with little or in some circumstances less in static pressure. AirePleat M11 high capacity filters are available in nominal 25mm, 50mm and 100mm depths. All AirePleat M11 high capacity 25mm and 50mm deep filters are rated to MERV 11 per ASHRAE 52.2-99.

AirePleat M11 high capacity filters are suitable for variable air volume systems. Operating face velocity ranges are from 0 to 2.54 m/sec face velocity and can be used in most heating, air conditioning, or ventilating systems.

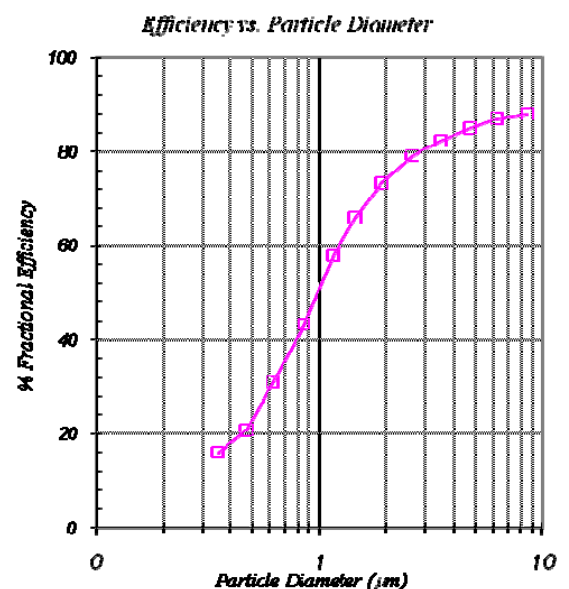
Installation

AirePleat M11 high capacity disposable pleated filters are suitable as a primary filter to meet AS 1668.2 and can be installed in universal holding frames, side access applications and similar existing hardware. They may be used as pre-filters to extend the life of AirePak, PurePak, PureCell and AireFlow-V filters in these framing systems.

AirePleat M11 high capacity "elements" and "rolls" are also offered. These are pleated sections of AirePleat M11 media in selected widths with the metal backing for use in a re-useable metal frame (service pleat).

Important Features

- 100% Continuous hydrophobic polyolefin fibres coupled with proprietary electrostatic treating technology
- Continuous fibres to prevent fibre shredding
- Media maximising V-Pleat design
- Expanded metal grid prevents media flutter while in operation
- Diagonal and horizontal support members provide frame strength
- Moisture resistant beverage board
- MERV 11 Rating as per ASHRAE 52.2
- AirePleat M11 is available in all the standard sizes and are available in non standard cut-down versions



PERFORMANCE DATA HIGH CAPACITY						
Product code	Nominal Size H x W x D (mm)	Actual Size H x W x D (mm)	Airflow Capacity @ 2.54 m/sec (l/sec)	Initial Resistance @ 2.54 m/sec	No. of Pleats per 300mm	Media Area sq. mtr
25mm AIREPLEAT M11						
11011010	254 x 254 x 25	241 x 241 x 22	164	115	15 Pleats per 300mm	0.15
11011020	254 x 508 x 25	241 x 495 x 22	328	115		0.28
11011220	305 x 508 x 25	292 x 495 x 22	394	115		0.33
11011224	305 x 610 x 25	292 x 594 x 22	472	115		0.40
11011420	356 x 508 x 25	343 x 495 x 22	458	115		0.39
11011425	356 x 635 x 25	343 x 622 x 22	572	115		0.49
11011520	381 x 508 x 25	368 x 495 x 22	492	115		0.41
11011620	406 x 508 x 25	394 x 495 x 22	525	115		0.46
11011624	406 x 610 x 25	394 x 594 x 22	628	115		0.47
11011625	406 x 635 x 25	394 x 622 x 22	655	115		0.57
11011824	457 x 610 x 25	445 x 594 x 22	708	115		0.63
11011825	457 x 635 x 25	445 x 622 x 22	736	115		0.60
11012020	508 x 508 x 25	495 x 495 x 22	655	115		0.62
11012024	508 x 610 x 25	495 x 594 x 22	786	115		0.50
11012025	508 x 635 x 25	495 x 622 x 22	819	115		0.68
11012030	508 x 762 x 25	495 x 749 x 22	983	115		0.74
11012424	610 x 610 x 25	594 x 594 x 22	944	115		0.71
11012525	635 x 635 x 25	622 x 622 x 22	1025	115		0.83
50mm AIREPLEAT M11						
11021010	254 x 254 x 50	241 x 241 x 44	164	86	15 Pleats per 300mm	0.29
11021020	254 x 508 x 50	241 x 495 x 44	328	86		0.59
11021212	305 x 305 x 50	292 x 292 x 44	236	86		0.41
11021220	305 x 508 x 50	292 x 495 x 44	394	86		0.72
11021224	305 x 610 x 50	292 x 594 x 44	472	86		0.81
11021420	356 x 508 x 50	343 x 495 x 44	458	86		0.83
11021424	356 x 610 x 50	343 x 594 x 44	550	86		0.96
11021425	356 x 635 x 50	343 x 622 x 44	572	86		1.04
11021520	381 x 508 x 50	368 x 495 x 44	492	86		0.89
11021616	406 x 406 x 50	394 x 394 x 44	419	86		0.72
11021620	406 x 508 x 50	394 x 495 x 44	525	86		0.93
11021624	406 x 610 x 50	394 x 594 x 44	628	86		1.09
11021625	406 x 635 x 50	394 x 622 x 44	655	86		1.15
11021820	457 x 508 x 50	445 x 495 x 44	590	86		1.03
11021824	457 x 610 x 50	445 x 594 x 44	708	86		1.28
11021825	457 x 635 x 50	445 x 622 x 44	736	86		1.34
11022020	508 x 508 x 50	495 x 495 x 44	655	86		1.15
11022024	508 x 610 x 50	495 x 594 x 44	786	86		1.42
11022025	508 x 635 x 50	495 x 622 x 44	819	86	1.44	
11022030	508 x 762 x 50	495 x 749 x 44	983	86	1.76	
11022424	610 x 610 x 50	594 x 594 x 44	944	86	1.64	
11022525	635 x 635 x 50	622 x 622 x 44	1025	86	1.78	
100mm AIREPLEAT M11						
11041021	254 x 530 x 100	241 x 515 x 95	342	59	13 Pleats per 300mm	0.99
11041212	305 x 305 x 100	292 x 292 x 95	236	59		0.68
11041224	305 x 610 x 100	292 x 594 x 95	472	59		1.42
11041620	406 x 508 x 100	394 x 495 x 95	525	59		1.67
11041624	406 x 610 x 100	394 x 594 x 95	629	59		1.87
11041625	406 x 635 x 100	394 x 622 x 95	655	59		2.10
11041820	457 x 508 x 100	445 x 495 x 95	589	59		1.76
11041824	457 x 610 x 100	445 x 594 x 95	708	59		2.25
11042020	508 x 508 x 100	495 x 495 x 95	655	59		2.07
11042024	508 x 610 x 100	495 x 594 x 95	786	59		2.23
11042025	508 x 635 x 100	495 x 622 x 95	819	59		2.57
11042030	508 x 762 x 100	495 x 749 x 95	983	59		2.96
11042424	610 x 610 x 100	594 x 594 x 95	944	59		2.98
11042529	635 x 736 x 100	622 x 724 x 95	1186	59		3.57
11042830	711 x 762 x 100	698 x 749 x 95	1375	59		3.96

Airepure® Australia Pty Ltd

A.B.N. 16 085 671 129

Email: info@airepure.com.au

Web: www.airepure.com.au



Airepure® Australia has a policy of continual development and product improvement. We reserve the right to change designs and specifications without notice.