

Four Pak Deep Bed Filter 2

Multi Pak Deep Bed Filter 4



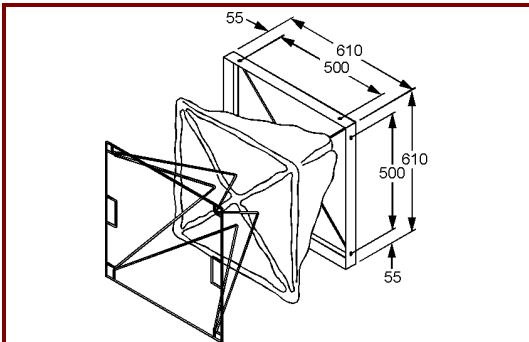
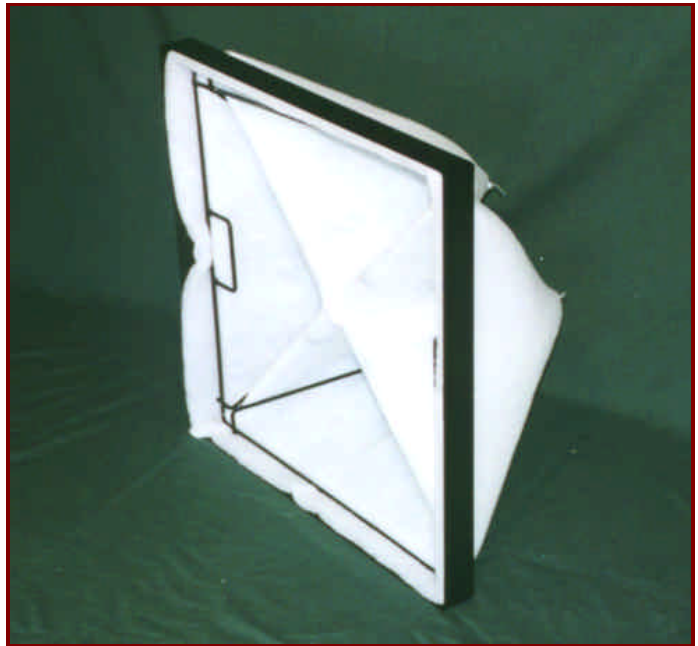
Airepure Australia P/L

A.B.N. 16 085 671 129

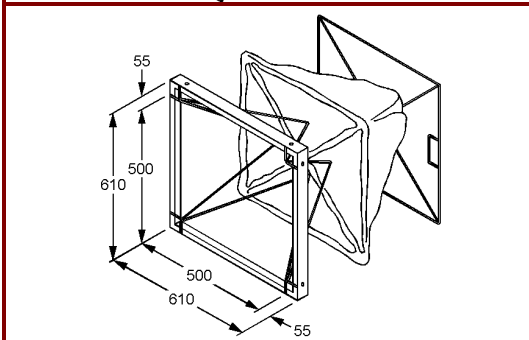
Airepure Australia (Vic). (03) 9562 0011 (NSW). (02) 9677 0199 (SA). (08) 8340 2816

Four Pak Deep Bed Filters

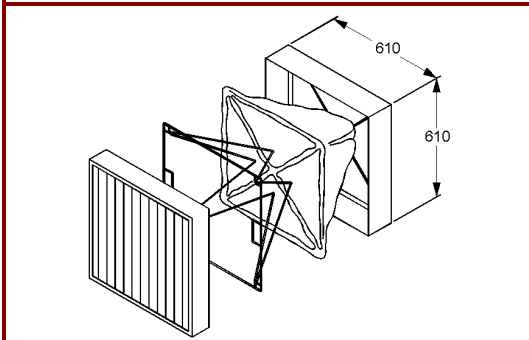
The "Airepure Australia" Four Pak Deep Bed Bag Filter has a rigid supporting inner basket and outer mounting frame (1.6mm "Galvabond" powder coated or stainless steel) that may be fitted with various media efficiencies (G3 – F7) for use in a wide range of general applications.



Standard Flow Configuration



Reverse Flow Configuration



Combination Configuration

Accommodating 50mm or 100mm Pre Filter

Refer to Data sheet for Filter Media selection



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Four Pak Deep Bed Filter Media Data Sheet

F4 Rated Media

Test Report No. 1555/95

"207" Dry White Media

Dimensions

610h x 610w x 380d

Filter Face Area: 0.372 m²

Test Airflow Rate: 944 L/s

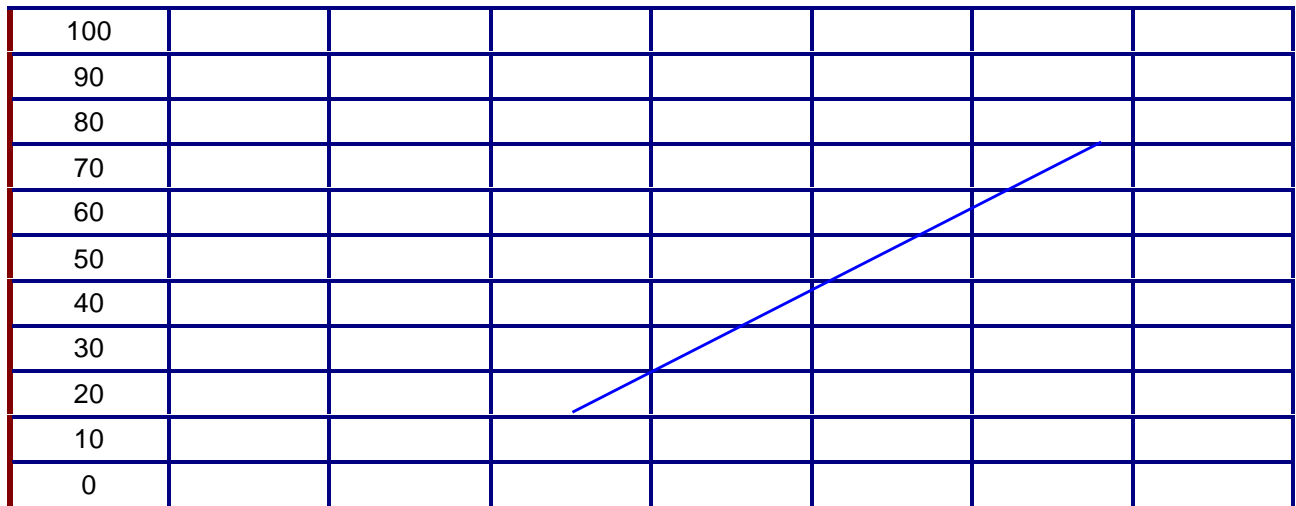
Initial Resistance: 55 Pa

% Rated Capacity	Flow Rate	Face Velocity M/s	Resistance Pa		
			Increasing	Decreasing	Average
40	378	1.02	15	15	15
60	566	1.52	25	25	25
80	755	2.03	40	40	40
100	944	2.54	55	55	55
120	1133	-	-	-	-

Clean Device – Airflow vs Resistance

Resistance

Pa



L/s

378 566 755 944

Initial Efficiency (No. 1): 21.8%

Average Arrestance (No. 4): 88.6%

Overall Arrestance (No. 4): 87.6%

Dust Holding Capacity No. 4: 379 grams @ 250 Pascals Resistance



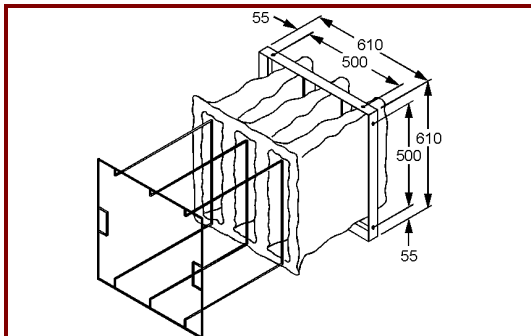
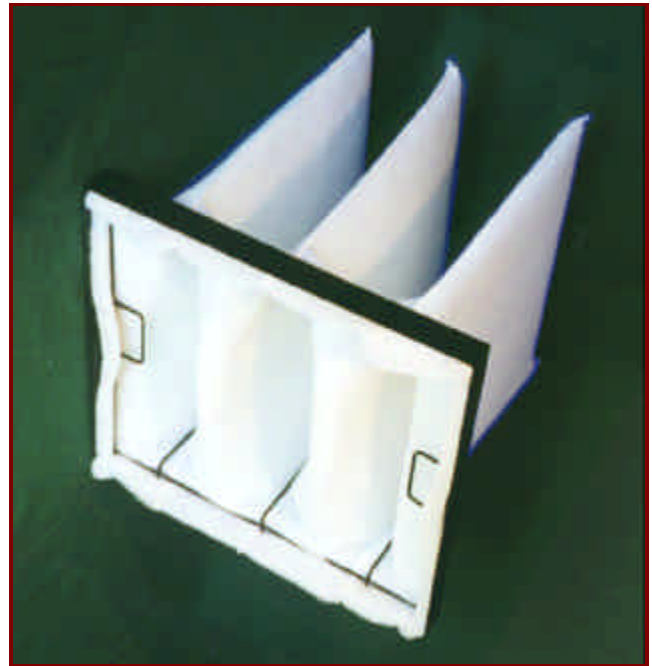
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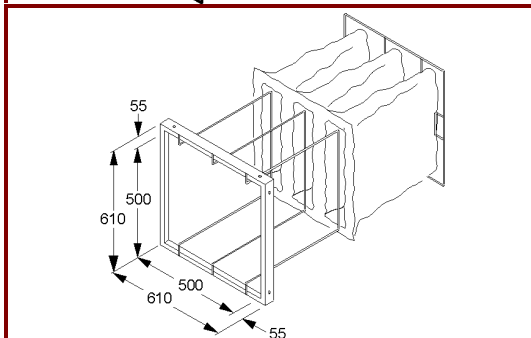
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Multi Pak Deep Bed Filter

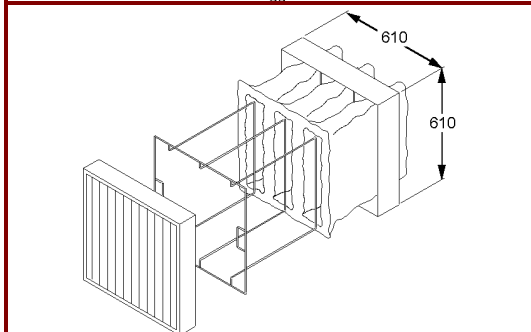
The "Airepure Australia" Multi Pak Deep Bag Filter has a rigid supporting inner basket and outer mounting frame (1.6mm "Galvabond" powder coated or stainless steel) that may be fitted with various media efficiencies (G3 – F7) for use in a wide range of general applications.



Standard Flow Configuration



Reverse Flow Configuration



Combination Configuration
Accommodating 50mm or 100mm Pre Filter

Refer to Data sheet for Filter Media selection



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Multi Pak Deep Bed Filter Media Data Sheet

F4 Rated Media

Test Report No. 2059/01

Three Pocket Filter in Dry White Media

Dimensions

610h x 610w x 600d

Filter Face Area: 0.372 m²

Test Airflow Rate: 944 L/s

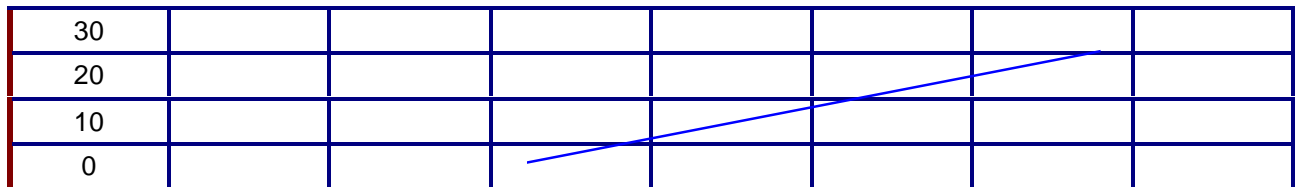
Initial Resistance: 30 Pa

% Rated Capacity	Flow Rate	Face Velocity M/s	Resistance Pa		
			Increasing	Decreasing	Average
40	378	1.02	8	8	8
60	566	1.52	14	14	14
80	755	2.03	22	22	22
100	944	2.54	30	30	30
120	1133	-	-	-	-

Clean Device – Airflow vs Resistance

Resistance

Pa



L/s 0 160 320 480 640 800 960

Initial Efficiency (No. 1): 29%

Average Efficiency (No. 1): 37%

Average Arrestance (No. 4): 88.6

Dust Holding Capacity No. 4: 1233 grams @ 450 Pascals Final resistance



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Multi Pak Deep Bed Filter Media Data Sheet (cont.)

F5 Rated Media

Test Report No. RALC00285

Three Pocket Filter in Dry White Media

Dimensions

610h x 610w x 600d

Filter Face Area: 0.372 m²

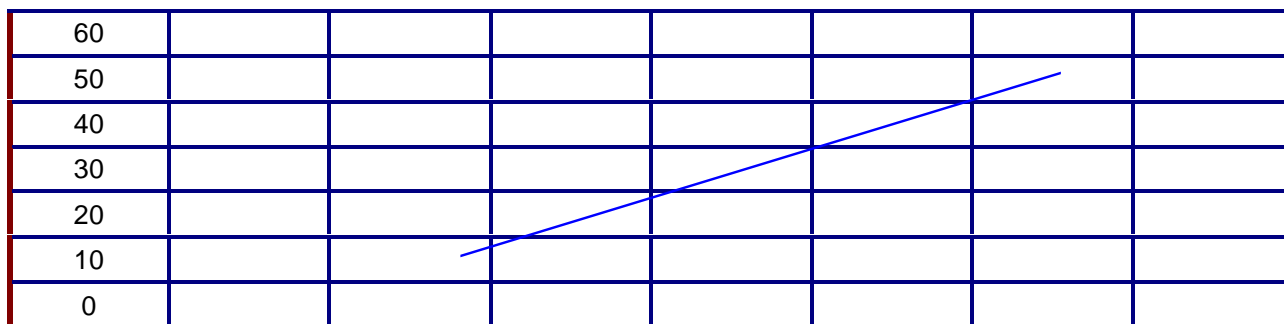
Test Airflow Rate: 944 L/s

Initial Resistance: 45.5 Pa

% Rated Capacity	Flow Rate	Face Velocity M/s	Resistance Pa		
			Increasing	Decreasing	Average
40	378	1.02	15	14	14.5
60	566	1.52	23	23	23
80	755	2.03	33	33	33
100	944	2.54	46	45	45.5
120	1133	3.04	56	56	56

Clean Device – Airflow vs Resistance

Resistance
Pa



L/s 0 200 400 600 800 1000 1200

Initial Efficiency (No. 1): 32%

Average Efficiency (No. 1): 45.75%

Average Arrestance (No. 4): 94.30%

Dust Holding Capacity No. 4: 831 grams @ 250 Pascals Resistance



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Multi Pak Deep Bed Filter Media Data Sheet (cont.)

F8 Rated Media

Test Report No. 2639F1

Three Pocket G150 Filtrete™ Media

Dimensions

610mm (h) x 610mm (w) x 600mm (d)

Filter Face Area: 0.372 m²

Test Airflow Rate: 944 L/sec

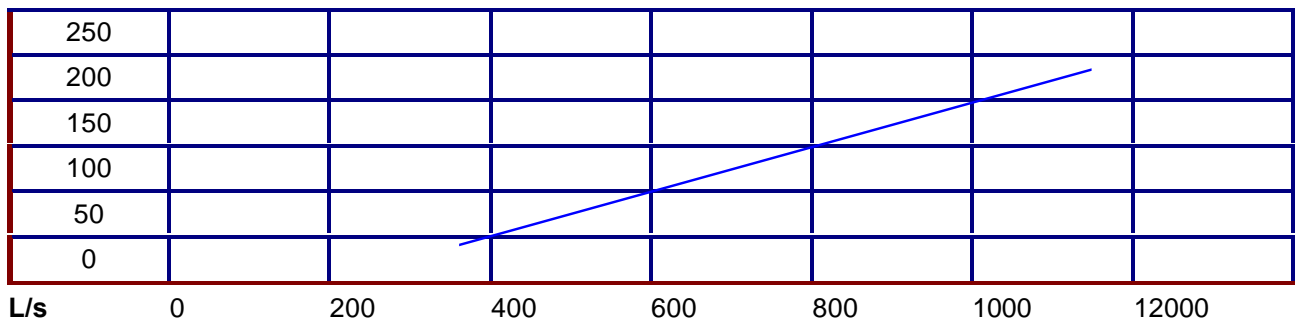
Initial Resistance: 180 Pa

% Rated Capacity	Flow Rate	Face Velocity M/s	Resistance Pa		
			Increasing	Decreasing	Average
40	378	1.02	47	47	47
60	566	1.52	85	85	85
80	755	2.03	130	130	130
100	944	2.54	180	180	180
120	1133	-	235	235	235

Clean Device – Airflow vs Resistance

Resistance

Pa



Initial Efficiency (No. 1): 80%

Average Efficiency (No. 1): 90%

Average Arrestance (No. 4): 99%

Dust Holding Capacity No. 4: 566 grams @ 250 Pascals Resistance



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