



ADVANTAGES

- Lowest labour cost thanks to less frequent filter changes
- Conical and tapered pocket shape for improved airflow
- Moulded frame in recycled plastic
- Lowest energy consumption and initial pressure drop
- Extended operating life with the best total cost of ownership (TCO)

Application	Air conditioning applications and as pre filters for clean rooms
Frame	Plastic moulded
Media	Glass fiber
Dimensions	Filter front dimensions according EN 15805
Rec. final pressure drop acc. EN 13053	Initial pressure drop + 100 Pa or initial pressure drop x3 (whichever is lower)
Max airflow	1,25 x nominal flow
Max Temperature (°C)	70°C
Relative Humidity max	100%
Installation Options	Front and side access housings and frames are available



EPD[®]

Type	EN779	ISO 16890	Dimensions WxHxD (mm)	Airflow/pressure drop (m³/h/Pa)	Bags	Media area (m²)	Weight (kg)	Energy (kWh/year)	Energy class	ePM1	ePM1min	ePM2,5	ePM2,5min	ePM10	MERV A
1060 592x592x640-10	M5	ePM10 60%	592x592x640	3400/35	10	7,5	2,3	474	A+	15	15	27	27	64	
1060 490x592x640-8	M5	ePM10 60%	490x592x640	2800/35	8	6	1,6		A+						
1060 287x592x640-5	M5	ePM10 60%	287x592x640	1700/35	5	3,7	1,4		A+						
1060 592x490x640-10	M5	ePM10 60%	592x490x640	2800/35	10	6,2	1,6		A+						
1060 490x490x640-8	M5	ePM10 60%	490x490x640	2330/35	8	5	1,3		A+						
1060 592x287x640-10	M5	ePM10 60%	592x287x640	1700/35	10	3,7	1,4		A+						
1060 287x287x640-5	M5	ePM10 60%	287x287x640	800/35	5	1,9	0,8		A+						
1060 592x592x520-10	M5	ePM10 60%	592x592x520	3400/40	10	6,1	2,2	568	A	15	15	27	27	64	
1060 490x592x520-8	M5	ePM10 60%	490x592x520	2800/40	8	4,9	1,4		A						
1060 287x592x520-5	M5	ePM10 60%	287x592x520	1700/40	5	3	1,3		A						
1060 592x490x520-10	M5	ePM10 60%	592x490x520	2800/40	10	5	1,4		A						
1060 490x490x520-8	M5	ePM10 60%	490x490x520	2330/40	8	4	1,2		A						
1060 592x287x520-10	M5	ePM10 60%	592x287x520	1700/40	10	3	1,3		A						
1060 287x287x520-5	M5	ePM10 60%	287x287x520	800/40	5	1,5	0,7		A						
1060 592x592x370-10	M5	ePM10 60%	592x592x370	3400/45	10	4,3	2	797	C	15	15	27	27	64	
1060 490x592x370-8	M5	ePM10 60%	490x592x370	2800/45	8	3,5	1,3		C						
1060 287x592x370-5	M5	ePM10 60%	287x592x370	1700/45	5	2,2	1,2		C						

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1060 592x490x370-10	M5	ePM10 60%	592x490x370	2800/45	10	3,6	1,2		C						
1060 490x490x370-8	M5	ePM10 60%	490x490x370	2330/45	8	2,9	1		C						
1060 592x287x370-10	M5	ePM10 60%	592x287x370	1700/45	10	2,1	1,2		C						
1060 287x287x370-5	M5	ePM10 60%	287x287x370	800/45	5	1,1	0,7		C						
2550 592x592x640-10	M6	ePM2,5 50%	592x592x640	3400/55	10	7,5	2,3	748	A	40	40	54	54	80	MERV 11A
2550 490x592x640-8	M6	ePM2,5 50%	490x592x640	2800/55	8	6	1,6		A						MERV 11A
2550 287x592x640-5	M6	ePM2,5 50%	287x592x640	1700/55	5	3,7	1,4		A						MERV 11A
2550 592x490x640-10	M6	ePM2,5 50%	592x490x640	2800/55	10	6,2	1,6		A						
2550 490x490x640-8	M6	ePM2,5 50%	490x490x640	2330/55	8	5	1,3		A						
2550 592x287x640-10	M6	ePM2,5 50%	592x287x640	1700/55	10	3,7	1,4		A						
2550 287x287x640-5	M6	ePM2,5 50%	287x287x640	800/55	5	1,9	0,8		A						
2550 592x592x520-10	M6	ePM2,5 50%	592x592x520	3400/65	10	6,1	2,2	929	B	40	40	54	54	80	MERV 11A
2550 490x592x520-8	M6	ePM2,5 50%	490x592x520	2800/65	8	4,9	1,4		B						MERV 11A
2550 287x592x520-5	M6	ePM2,5 50%	287x592x520	1700/65	5	3	1,3		B						MERV 11A
2550 592x490x520-10	M6	ePM2,5 50%	592x490x520	2800/65	10	5	1,4		B						
2550 490x490x520-8	M6	ePM2,5 50%	490x490x520	2330/65	8	4	1,2		B						
2550 592x287x520-10	M6	ePM2,5 50%	592x287x520	1700/65	10	3	1,3		B						
2550 287x287x520-5	M6	ePM2,5 50%	287x287x520	800/65	5	1,5	0,7		B						
2550 592x592x370-10	M6	ePM2,5 50%	592x592x370	3400/80	10	4,3	2	1405	D	40	40	54	54	80	
2550 490x592x370-8	M6	ePM2,5 50%	490x592x370	2800/80	8	3,5	1,3		D						
2550 287x592x370-5	M6	ePM2,5 50%	287x592x370	1700/80	5	2,2	1,2		D						
2550 592x490x370-10	M6	ePM2,5 50%	592x490x370	2800/80	10	3,6	1,2		D						
2550 490x490x370-8	M6	ePM2,5 50%	490x490x370	2330/80	8	2,9	1		D						
2550 592x287x370-10	M6	ePM2,5 50%	592x287x370	1700/80	10	2,1	1,2		D						
2550 287x287x370-5	M6	ePM2,5 50%	287x287x370	800/80	5	1,1	0,7		D						
0160 592x592x640-10	F7	ePM1 60%	592x592x640	3400/65	10	7,5	2,3	811	A+	62	62	71	71	90	MERV 13A
0160 490x592x640-8	F7	ePM1 60%	490x592x640	2800/65	8	6	1,6		A+						MERV 13A
0160 287x592x640-5	F7	ePM1 60%	287x592x640	1700/65	5	3,7	1,4		A+						MERV 13A
0160 592x490x640-10	F7	ePM1 60%	592x490x640	2800/65	10	6,2	1,6		A+						
0160 490x490x640-8	F7	ePM1 60%	490x490x640	2330/65	8	5	1,3		A+						
0160 592x287x640-10	F7	ePM1 60%	592x287x640	1700/65	10	3,7	1,4		A+						
0160 287x287x640-5	F7	ePM1 60%	287x287x640	800/65	5	1,9	0,8		A+						

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0160 592x592x520-10	F7	ePM1 60%	592x592x520	3400/75	10	6,1	2,2	943	A	62	62	71	71	90	MERV 13A
0160 490x592x520-8	F7	ePM1 60%	490x592x520	2800/75	8	4,9	1,4		A						MERV 13A
0160 287x592x520-5	F7	ePM1 60%	287x592x520	1700/75	5	3	1,3		A						MERV 13A
0160 592x490x520-10	F7	ePM1 60%	592x490x520	2800/75	10	5	1,4		A						
0160 490x490x520-8	F7	ePM1 60%	490x490x520	2330/75	8	4	1,2		A						
0160 592x287x520-10	F7	ePM1 60%	592x287x520	1700/75	10	3	1,3		A						
0160 287x287x520-5	F7	ePM1 60%	287x287x520	800/75	5	1,5	0,7		A						
0160 592x592x370-10	F7	ePM1 60%	592x592x370	3400/100	10	4,3	2	1389	C	62	62	71	71	90	
0160 490x592x370-8	F7	ePM1 60%	490x592x370	2800/100	8	3,5	1,3		C						
0160 287x592x370-5	F7	ePM1 60%	287x592x370	1700/100	5	2,2	1,2		C						
0160 592x490x370-10	F7	ePM1 60%	592x490x370	2800/100	10	3,6	1,2		C						
0160 490x490x370-8	F7	ePM1 60%	490x490x370	2330/100	8	2,9	1		C						
0160 592x287x370-10	F7	ePM1 60%	592x287x370	1700/100	10	2,1	1,2		C						
0160 287x287x370-5	F7	ePM1 60%	287x287x370	800/100	5	1,1	0,7		C						
0170 592x592x640-10		ePM1 70%	592x592x640	3400/85	10	7,5	2,3	1065	A	70	70	79	79	93	
0170 490x592x640-8		ePM1 70%	490x592x640	2800/85	8	6	1,6		A						
0170 287x592x640-5		ePM1 70%	287x592x640	1700/85	5	3,7	1,4		A						
0170 592x490x640-10		ePM1 70%	592x490x640	2800/85	10	6,2	1,6		A						
0170 490x490x640-8		ePM1 70%	490x490x640	2330/85	8	5	1,3		A						
0170 592x287x640-10		ePM1 70%	592x287x640	1700/85	10	3,7	1,4		A						
0170 287x287x640-5		ePM1 70%	287x287x640	800/85	5	1,9	0,8		A						
0170 592x592x520-10		ePM1 70%	592x592x520	3400/100	10	6,1	2,2	1196	B	70	70	79	79	93	
0170 490x592x520-8		ePM1 70%	490x592x520	2800/100	8	4,9	1,4		B						
0170 287x592x520-5		ePM1 70%	287x592x520	1700/100	5	3	1,3		B						
0170 592x490x520-10		ePM1 70%	592x490x520	2800/100	10	5	1,4		B						
0170 490x490x520-8		ePM1 70%	490x490x520	2330/100	8	4	1,2		B						
0170 592x287x520-10		ePM1 70%	592x287x520	1700/100	10	3	1,3		B						
0170 287x287x520-5		ePM1 70%	287x287x520	800/100	5	1,5	0,7		B						
0170 592x592x370-10		ePM1 70%	592x592x370	3400/125	10	4,3	2	1707	D	70	70	79	79	93	
0170 490x592x370-8		ePM1 70%	490x592x370	2800/125	8	3,5	1,3		D						
0170 287x592x370-5		ePM1 70%	287x592x370	1700/125	5	2,2	1,2		D						
0170 287x287x370-5		ePM1 70%	287x287x370	800/125	5	1,1	0,7		D						

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0170 592x287x370-10		ePM1 70%	592x287x370	1700/125	10	2,1	1,2		D						
0170 592x490x370-10		ePM1 70%	592x490x370	2800/125	10	3,6	1,2		D						
0170 490x490x370-8		ePM1 70%	490x490x370	2330/125	8	2,9	1,0		D						
0185 592x592x640-10	F9	ePM1 85%	592x592x640	3400/120	10	7,5	2,1	1474	C	87	87	91	91	98	MERV 15A
0185 490x592x640-8	F9	ePM1 85%	490x592x640	2800/120	8	6,3	1,6		C						MERV 15A
0185 287x592x640-5	F9	ePM1 85%	287x592x640	1700/120	5	3,7	1,4		C						MERV 15A
0185 592x490x640-10	F9	ePM1 85%	592x490x640	2800/120	10	6,2	1,6		C						
0185 490x490x640-8	F9	ePM1 85%	490x490x640	2330/120	8	5	1,3		C						
0185 592x287x640-10	F9	ePM1 85%	592x287x640	1700/120	10	3,7	1,4		C						
0185 287x287x640-5	F9	ePM1 85%	287x287x640	800/120	5	1,9	0,8		C						
0185 592x592x520-10	F9	ePM1 85%	592x592x520	3400/165	10	6,1	2	2091	D	87	87	91	91	98	MERV 15A
0185 490x592x520-8	F9	ePM1 85%	490x592x520	2800/165	8	4,9	1,4		D						MERV 15A
0185 287x592x520-5	F9	ePM1 85%	287x592x520	1700/165	5	3	1,3		D						MERV 15A
0185 592x490x520-10	F9	ePM1 85%	592x490x520	2800/165	10	5	1,4		D						
0185 490x490x520-8	F9	ePM1 85%	490x490x520	2330/165	8	4	1,2		D						
0185 592x287x520-10	F9	ePM1 85%	592x287x520	1700/165	10	3	1,3		D						
0185 287x287x520-5	F9	ePM1 85%	287x287x520	800/165	5	1,5	0,7		D						

Energy Consumption, kWh/year: Calculated according to Eurovent Guideline 4/21-2019

Energy class: according to Eurovent RS 4/C/001-2019

EPD (Environmental Product Declaration) is available