

EPD[®]

ADVANTAGES

- 6 bags variant optimised for reduced waste and low energy consumption
- Robust material of advanced synthetic fibre media
- High dust holding capacity
- Galvanised steel frame
- Available in filtration classes ePM10 50%, ePM1 60%, ePM1 70% and ePM1 85%
- 10 bags variant optimised for lowest initial pressure drop and energy consumption, even with shorter bags

Application	Air filtering in standard ventilation systems.
Frame	Metal
Media	Synthetic
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

Type	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
1050 592x592x640-6	ePM10 50%	592x592x640	3400/35	6	5.1	1.9	433	A+	3	3	11	11	52
1050 592x490x640-6	ePM10 50%	592x490x640	2800/35	6	4.3	1.8		A+					
1050 592x287x640-6	ePM10 50%	592x287x640	1700/35	6	2.8	1.4		A+					
1050 490x592x640-5	ePM10 50%	490x592x640	2800/35	5	4.2	1.6		A+					
1050 490x490x640-5	ePM10 50%	490x490x640	2330/35	5	3.6	1.4		A+					
1050 287x592x640-3	ePM10 50%	287x592x640	1700/35	3	2.5	1		A+					
1050 287x287x640-3	ePM10 50%	287x287x640	800/35	3	1.4	0.7		A+					
1050 592x592x520-6	ePM10 50%	592x592x520	3400/35	6	4.1	1.8	458	A	3	3	11	11	52
1050 592x490x520-6	ePM10 50%	592x490x520	2800/35	6	3.5	1.6		A					
1050 592x287x520-6	ePM10 50%	592x287x520	1700/35	6	2.2	1.3		A					
1050 490x592x520-5	ePM10 50%	490x592x520	2800/35	5	3.4	1.5		A					
1050 490x490x520-5	ePM10 50%	490x490x520	2330/35	5	2.9	1.4		A					
1050 287x592x520-3	ePM10 50%	287x592x520	1700/35	3	2	1		A					
1050 287x287x520-3	ePM10 50%	287x287x520	800/35	3	1.1	0.6		A					
1050 592x592x370-6	ePM10 50%	592x592x370	3400/40	6	2.9	1.6	626	B	3	3	11	11	52
1050 592x490x370-6	ePM10 50%	592x490x370	2800/40	6	2.5	1.5		B					
1050 592x287x370-6	ePM10 50%	592x287x370	1700/40	6	1.6	1.2		B					
1050 490x592x370-5	ePM10 50%	490x592x370	2800/40	5	2.4	1.4		B					
1050 490x490x370-5	ePM10 50%	490x490x370	2330/40	5	2	1.2		B					
1050 287x592x370-3	ePM10 50%	287x592x370	1700/40	3	1.4	0.9		B					
1050 287x287x370-3	ePM10 50%	287x287x370	800/40	3	0.8	0.6		B					
0160 592x592x640-10	ePM1 60%	592x592x640	3400/60	10	7.5	4	733	A+	63	50	72	62	90
0160 592x287x640-10	ePM1 60%	592x287x640	1700/60	10	3.8	2.5		A+					
0160 592x490x640-10	ePM1 60%	592x490x640	2800/60	10	6.3	3.6		A+					
0160 490x592x640-8	ePM1 60%	490x592x640	2800/60	8	6.3	3.6		A+					
0160 490x490x640-8	ePM1 60%	490x490x640	2330/60	8	5	3.3		A+					
0160 287x592x640-5	ePM1 60%	287x592x640	1700/60	5	3.8	2.5		A+					
0160 287x287x640-5	ePM1 60%	287x287x640	800/60	5	1.9	1.7		A+					
0160 592x592x520-10	ePM1 60%	592x592x520	3400/70	10	6.1	3.7	990	B	63	50	72	62	90
0160 592x490x520-10	ePM1 60%	592x490x520	2800/70	10	5.1	3.3		B					

Type	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
0160 592x287x520-10	ePM1 60%	592x287x520	1700/70	10	3.1	2.4		B				
0160 490x592x520-8	ePM1 60%	490x592x520	2800/70	8	5.1	3.3		B				
0160 490x490x520-8	ePM1 60%	490x490x520	2330/70	8	4.1	3.1		B				
0160 287x592x520-5	ePM1 60%	287x592x520	1700/70	5	3.1	2.4		B				
0160 287x287x520-5	ePM1 60%	287x287x520	800/70	5	1.5	1.6		B				
0160 592x592x370-10	ePM1 60%	592x592x370	3400/95	10	4.3	3.4	1449	C	63	50	72	62 90
0160 592x490x370-10	ePM1 60%	592x490x370	2800/95	10	3.6	3.1		C				
0160 592x287x370-10	ePM1 60%	592x287x370	1700/95	10	2.2	2.2		C				
0160 490x592x370-8	ePM1 60%	490x592x370	2800/95	8	3.6	3.1		C				
0160 490x490x370-8	ePM1 60%	490x490x370	2330/95	8	2.9	2.9		C				
0160 287x592x370-5	ePM1 60%	287x592x370	1700/95	5	2.2	2.2		C				
0160 287x287x370-5	ePM1 60%	287x287x370	800/95	5	1.1	2.1		C				
0170 592x592x640-10	ePM1 70%	592x592x640	3400/55	10	8	3.1	672	A+	70	55	78	65 92
0170 592x490x640-10	ePM1 70%	592x490x640	2800/60	10	6.7	2.7		A+				
0170 592x287x640-10	ePM1 70%	592x287x640	1700/60	10	4.1	2.1		A+				
0170 490x592x640-8	ePM1 70%	490x592x640	2800/60	8	6.4	2.4		A+				
0170 490x490x640-8	ePM1 70%	490x490x640	2330/60	8	5.4	2.2		A+				
0170 287x592x640-5	ePM1 70%	287x592x640	1700/60	5	4	1.5		A+				
0170 287x287x640-5	ePM1 70%	287x287x640	800/60	5	2	0.9		A+				
0170 592x592x520-10	ePM1 70%	592x592x520	3400/65	10	6.5	2.8	850	A+	70	55	78	65 92
0170 592x490x520-10	ePM1 70%	592x490x520	2800/65	10	5.4	2.5		A+				
0170 592x287x520-10	ePM1 70%	592x287x520	1700/65	10	3.4	2		A+				
0170 490x592x520-8	ePM1 70%	490x592x520	2800/65	8	5.2	2.2		A+				
0170 490x490x520-8	ePM1 70%	490x490x520	2330/65	8	4.4	2		A+				
0170 287x592x520-5	ePM1 70%	287x592x520	1700/65	5	3.2	1.4		A+				
0170 287x287x520-5	ePM1 70%	287x287x520	800/65	5	1.6	0.9		A+				
0170 592x592x370-10	ePM1 70%	592x592x370	3400/80	10	4.6	2.4	1250	B	70	55	78	65 92
0170 592x490x370-10	ePM1 70%	592x490x370	2800/80	10	3.8	2.2		B				
0170 592x287x370-10	ePM1 70%	592x287x370	1700/80	10	2.4	1.8		B				
0170 490x592x370-8	ePM1 70%	490x592x370	2800/80	8	3.7	1.9		B				
0170 490x490x370-8	ePM1 70%	490x490x370	2330/80	8	3.1	1.7		B				
0170 287x592x370-5	ePM1 70%	287x592x370	1700/80	5	2.3	1.2		B				
0170 287x287x370-5	ePM1 70%	287x287x370	800/80	5	1.2	0.8		B				
0185 592x592x640-10	ePM1 85%	592x592x640	3400/75	10	7.5	4	1003	A+	87	82	90	87 96
0185 592x490x640-10	ePM1 85%	592x490x640	2800/75	10	6.3	3.6		A+				
0185 592x287x640-10	ePM1 85%	592x287x640	1700/75	10	3.8	2.5		A+				
0185 490x592x640-8	ePM1 85%	490x592x640	2800/75	8	6.3	3.6		A+				
0185 490x490x640-8	ePM1 85%	490x490x640	2330/75	8	5	3.3		A+				
0185 287x592x640-5	ePM1 85%	287x592x640	1700/75	5	3.8	2.5		A+				
0185 287x287x640-5	ePM1 85%	287x287x640	800/75	5	1.9	1.7		A+				
0185 592x592x520-10	ePM1 85%	592x592x520	3400/85	10	6.1	3.7	1144	A	87	82	90	87 96
0185 592x490x520-10	ePM1 85%	592x490x520	2800/85	10	5.1	3.3		A				
0185 592x287x520-10	ePM1 85%	592x287x520	1700/85	10	3.1	2.4		A				
0185 490x592x520-8	ePM1 85%	490x592x520	2800/85	8	5.1	3.3		A				
0185 490x490x520-8	ePM1 85%	490x490x520	2330/85	8	4.1	3.1		A				
0185-490/280/520-8	ePM1 85%	490x280x520	1900/85	8	2.7	1.5		A+				
0185 287x592x520-5	ePM1 85%	287x592x520	1700/85	5	3.1	2.4		A				
0185 287x287x520-5	ePM1 85%	287x287x520	800/85	5	1.5	1.6		A				
0185 592x592x370-10	ePM1 85%	592x592x370	3400/120	10	4.3	3.4	1926	D	87	82	90	87 96
0185 592x490x370-10	ePM1 85%	592x490x370	2800/120	10	3.6	3.1		D				
0185 592x287x370-10	ePM1 85%	592x287x370	1700/120	10	2.2	2.2		D				
0185 490x592x370-8	ePM1 85%	490x592x370	2800/120	8	3.6	3.1		D				
0185 490x490x370-8	ePM1 85%	490x490x370	2330/120	8	2.9	2.9		D				
0185 287x592x370-5	ePM1 85%	287x592x370	1700/120	5	2.2	2.2		D				
0185 287x287x370-5	ePM1 85%	287x287x370	800/120	5	1.1	2.1		D				

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

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

Other dimensions available on request