Airpocket Access

Leadership in Filtration

MANN+HUMMEL

Airpocket Access
Synthetic bag filter

Pocket filter

Access

Entry-Range

Made for HVAC

Coarse

ePM10

ePM2.5

Filter classes to ISO 16890

KEY FACTS

- Synthetic filter medium
- Air flows up to 3,400 m^3/h
- Available in different filtration efficiencies
- Easy installation and handling with low weight

DESIGN

Synthetic filter material, shaped conically into individual pockets and built into robust and rigid metal frames.

APPLICATIONS

Prefiltration or main filtration for all HVAC systems.

EUROVENT CERTIFIED PERFORMANCE
AIR FILTERS
www.eurovent-certification.com

MANN+HUMMEL

Technical data

Efficiency class (ISO 16890)	**Dimensions** W × H × D (mm)	**Number of pockets**	**Flow rate** (m^3/h)	**Pressure drop** (Pa)	**Energy** (kWh/year)	**Energy class** (Eurovent 2019)
Coarse 70 %	592 × 592 × **360**	6	3400	40	n.a.	n.a.
Coarse 70 %	490 × 592 × 360	5	2800	40	n.a.	n.a.
Coarse 70 %	287 × 592 × 360	3	1700	40	n.a.	n.a.
Coarse 70 %	287 × 287 × 360	3	800	40	n.a.	n.a.
Coarse 70 %	592 × 287 × 360	6	1700	40	n.a.	n.a.
Coarse 70 %	592 × 490 × 360	6	2800	40	n.a.	n.a.
Coarse 70 %	592 × 592 × **500**	6	3400	40	n.a.	n.a.
Coarse 70 %	490 × 592 × 500	5	2800	40	n.a.	n.a.
Coarse 70 %	287 × 592 × 500	3	1700	40	n.a.	n.a.
Coarse 70 %	287 × 287 × 500	3	800	40	n.a.	n.a.
Coarse 70 %	592 × 287 × 500	6	1700	40	n.a.	n.a.
Coarse 70 %	592 × 490 × 500	6	2800	40	n.a.	n.a.
Coarse 70 %	592 × 592 × **600**	6	3400	35	n.a.	n.a.
Coarse 70 %	490 × 592 × 600	5	2800	35	n.a.	n.a.
Coarse 70 %	287 × 592 × 600	3	1700	35	n.a.	n.a.
Coarse 70 %	287 × 287 × 600	3	800	35	n.a.	n.a.
Coarse 70 %	592 × 287 × 600	6	1700	35	n.a.	n.a.
Coarse 70 %	592 × 490 × 600	6	2800	35	n.a.	n.a.
ePM10 65%	592 × 592 × **360**	6	3400	70	> 1200 kWh	E
ePM10 65%	490 × 592 × 360	5	2800	70		E
ePM10 65%	287 × 592 × 360	3	1700	70		E
ePM10 65%	287 × 287 × 360	3	800	70		E
ePM10 65%	592 × 287 × 360	6	1700	70		E
ePM10 65%	592 × 490 × 360	6	2800	70		E
ePM10 65%	592 × 592 × **500**	6	3400	55	> 1200 kWh	E
ePM10 65%	492 × 592 × 500	5	2800	55		E
ePM10 65%	287 × 592 × 500	3	1700	55		E
ePM10 65%	287 × 287 × 500	3	800	55		E
ePM10 65%	592 × 287 × 500	6	1700	55		E
ePM10 65%	592 × 490 × 500	6	2800	55		E

Technical data

Efficiency class (ISO 16890)	**Dimensions** W × H × D (mm)	**Number of pockets**	**Flow rate** (m^3/h)	**Pressure drop** (Pa)	**Energy** (kWh/year)	**Energy class** (Eurovent 2019)
ePM10 65%	592 × 592 × **600**	6	3400	50	> 1200 kWh	E
ePM10 65%	490 × 592 × 600	5	2800	50		E
ePM10 65%	287 × 592 × 600	3	1700	50		E
ePM10 65%	287 × 287 × 600	3	800	50		E
ePM10 65%	592 × 287 × 600	6	1700	50		E
ePM10 65%	592 × 490 × 600	6	2800	50		E
ePM2.5 70%	592 × 592 × **360**	6	3400	180	> 2000 kWh	E
ePM2.5 70%	490 × 592 × 360	5	2800	180		E
ePM2.5 70%	287 × 592 × 360	3	1700	180		E
ePM2.5 70%	287 × 287 × 360	3	800	180		E
ePM2.5 70%	592 × 287 × 360	6	1700	180		E
ePM2.5 70%	592 × 490 × 360	6	2800	180		E
ePM2.5 70%	592 × 592 × **500**	6	3400	135	> 2000 kWh	E
ePM2.5 70%	490 × 592 × 500	5	2800	135		E
ePM2.5 70%	287 × 592 × 500	3	1700	135		E
ePM2.5 70%	287 × 287 × 500	3	800	135		E
ePM2.5 70%	592 × 287 × 500	6	1700	135		E
ePM2.5 70%	592 × 490 × 500	6	2800	135		E
ePM2.5 70%	592 × 592 × **600**	6	3400	120	> 2000 kWh	E
ePM2.5 70%	490 × 592 × 600	5	2800	120		E
ePM2.5 70%	287 × 592 × 600	3	1700	120		E
ePM2.5 70%	287 × 287 × 600	3	800	120		E
ePM2.5 70%	592 × 287 × 600	6	1700	120		E
ePM2.5 70%	592 × 490 × 600	6	2800	135		E
ePM2.5 70%	592 × 592 × **360**	8	3400	160	> 2000 kWh	E
ePM2.5 70%	490 × 592 × 360	6	2800	160		E
ePM2.5 70%	287 × 592 × 360	4	1700	160		E
ePM2.5 70%	287 × 287 × 360	4	800	160		E
ePM2.5 70%	592 × 287 × 360	8	1700	160		E
ePM2.5 70%	592 × 490 × 360	8	2800	160		E

Technical data

Efficiency class (ISO 16890)	**Dimensions** W × H × D (mm)	**Number of pockets**	**Flow rate** (m^3/h)	**Pressure drop** (Pa)	**Energy** (kWh/year)	**Energy class** (Eurovent 2019)
ePM2.5 70%	592 × 592 × **500**	8	3400	115	> 2000 kWh	E
ePM2.5 70%	490 × 592 × 500	6	2800	115		E
ePM2.5 70%	287 × 592 × 500	4	1700	115		E
ePM2.5 70%	287 × 287 × 500	4	800	115		E
ePM2.5 70%	592 × 287 × 500	8	1700	115		E
ePM2.5 70%	592 × 490 × 500	8	2800	115		E
ePM2.5 70%	592 × 592 × **600**	8	3400	100	> 2000 kWh	E
ePM2.5 70%	490 × 592 × 600	6	2800	100		E
ePM2.5 70%	287 × 592 × 600	4	1700	100		E
ePM2.5 70%	287 × 287 × 600	4	800	100		E
ePM2.5 70%	592 × 287 × 600	8	1700	100		E
ePM2.5 70%	592 × 490 × 600	8	2800	115		E

Specification

Heat resistance	Max. 70°C
Regenerable	No
Rec. final pressure for efficient energy use acc. to EN 13053	ISO Coarse: Lowest value of initial pressure drop + 50 Pa, or initial pressure drop ×3 ISO ePM10, ePM2,5: Lowest value of initial pressure drop + 100 Pa, or initial pressure drop ×3
Moisture resistance	100% relative humidity
Incinerable	Yes (excluding metal frame)

Options

Header depth	20 or 25 mm
Frame material	Metal, plastic frame available on request