



### ADVANTAGES

- Long lifetime, up to 6 months depending on the application
- Increased media area for high dust holding capacity and prolonged lifetime
- Radial pleats supported by a metal grid hold the pleat formation throughout its lifetime
- Plastic frame for high humidity applications, suitable for incineration with energy recovery.
- Prefilter ePM10 50%
- Optimized energy efficiency

<b>Application</b>	Prefilter for air conditioning systems
<b>Frame</b>	Plastic
<b>Media</b>	Synthetic
<b>Dimensions</b>	Filter front dimensions according EN 15805
<b>Rec. final pressure drop acc. EN 13053</b>	Initial pressure drop + 100 Pa or initial pressure drop x3 (whichever is lower)
<b>Max airflow</b>	1,25 x nominal flow
<b>Max Temperature (°C)</b>	90° C
<b>Relative Humidity max</b>	100%
<b>Installation Options</b>	Front and side access housings and frames are available



Type	ISO 16890	Dimensions WxHxD (mm)	Airflow/pressure drop (m <sup>3</sup> /h/Pa)	Media area (m <sup>2</sup> )	Weight (kg)	Energy (kWh/year)	Energy class	ePM1	ePM1min	ePM2,5	ePM2,5min	ePM10
1050 592x592x48	ePM10 50%	592x592x48	3400/70	1.8	0.9	>1100	E	3	3	14	13	50
1050 492x492x48	ePM10 50%	492x492x48	2400/70	1.2	0.7		E					
1050 492x622x48	ePM10 50%	492x622x48	3000/70	1.5	0.8		E					
1050 492x592x48	ePM10 50%	492x592x48	2800/70	1.5	0.8		E					
1050 392x622x48	ePM10 50%	392x622x48	2400/70	1.2	0.7		E					
1050 392x492x48	ePM10 50%	392x492x48	1900/70	1.0	0.6		E					
1050 287x592x48	ePM10 50%	287x592x48	1700/70	0.9	0.5		E					
1050 592x592x96	ePM10 50%	592x592x96	3400/65	2.5	1.3	1098	D	3	3	14	13	50
1050 492x492x96	ePM10 50%	492x492x96	2400/65	1.8	1		D					
1050 492x622x96	ePM10 50%	492x622x96	3000/65	2.2	1.2		D					
1050 492x592x96	ePM10 50%	492x592x96	2800/65	2.1	1.2		D					
1050 392x622x96	ePM10 50%	392x622x96	2400/65	1.7	1		D					
1050 392x492x96	ePM10 50%	392x492x96	1900/65	1.4	0.9		D					
1050 287x592x96	ePM10 50%	287x592x96	1700/65	1.2	0.8		D					

Other dimensions are available on request - All dimensions are nominal