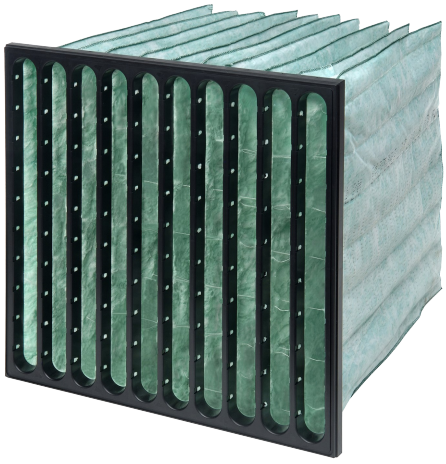
HI-FLO PROSAFE

Bag Filter



ADVANTAGES

- Conical pockets
- Moulded, rigid and aerodynamically shaped plastic frame
- Less energy consumption
- Compliant to EC 1935:2004
- Compliant to VDI 6022 / ISO 846
- Specially designed for process safety (Food & Life Science applications)
- Built using the latest glass fibre media
- Low initial pressure drop
- Flat pressure drop curve
- Innovative pocket design for optimum air distribution

Application	Air conditioning applications and as pre filters for clean rooms
Type	Bag Filter
Frame	Plastic
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
Temperature max	70°C
RH. max	100%
Installation Options	Front and side access housings and frames are available

Type	EN779	ISO 16890	Dimensions WxHxD (mm)	Air Flow/pressure drop (m^3/h/Pa)	Bags	Media area (m^2)	Weight (kg)	Energy (kWh/year)	Energy class	ePM1	ePM1min	ePM2,5	ePM2,5min	ePM10
6/640	M6	ePM2,5 50%	592x592x640	3400/55	10	7,5	2,3	748	A	40	40	54	54	80
6/640	M6	ePM2,5 50%	490x592x640	2700/55	8	6	1.6		A					
6/640	M6	ePM2,5 50%	287x592x640	1700/55	5	3.7	1.4		A					
6/640	M6	ePM2,5 50%	287x287x640	800/55	5	1.9	0.8		A					
6/640	M6	ePM2,5 50%	592x287x640	1700/55	10	3.7	1.4		A					
6/640	M6	ePM2,5 50%	592x490x640	2700/55	10	6.2	1.6		A					
6/640	M6	ePM2,5 50%	490x490x640	2330/55	8	5	1.3		A					
6/520	M6	ePM2,5 50%	592x592x520	3400/60	10	6.1	2.2	929	B	40	40	54	54	80
6/520	M6	ePM2,5 50%	287x592x520	1700/60	5	3	1.3		B					
6/520	M6	ePM2,5 50%	287x287x520	800/60	5	1.5	0.7		B					
6/520	M6	ePM2,5 50%	592x287x520	1700/60	10	3	1.3		B					
6/520	M6	ePM2,5 50%	592x490x520	2700/60	10	5	1.4		B					
6/520	M6	ePM2,5 50%	490x490x520	2330/60	8	4	1.2		B					
6/370	M6	ePM2,5 50%	592x592x370	3400/70	10	4.3	2	1405	D	40	40	54	54	80
6/370	M6	ePM2,5 50%	490x592x370	2700/70	8	3.5	1.3		D					
6/370	M6	ePM2,5 50%	287x592x370	1700/70	5	2.2	1.2		D					
6/520	M6	ePM2,5 50%	490x592x520	2700/60	8	4.9	1.4		B					
6/370	M6	ePM2,5 50%	287x287x370	800/70	5	1.1	0.7		D					
6/370	M6	ePM2,5 50%	592x287x370	1700/70	10	2.1	1.2		D					
6/370	M6	ePM2,5 50%	592x490x370	2700/70	10	3.6	1.2		D					
6/370	M6	ePM2,5 50%	490x490x370	2330/70	8	2.9	1		D					
7/670	F7	ePM1 60%	592x592x670	3400/65	10	7,9	2,3	838	A+	62	62	71	71	90
7/670	F7	ePM1 60%	490x592x670	2700/65	8	6,3	1,6		A+					
7/670	F7	ePM1 60%	287x592x670	1700/65	5	3,8	1,4		A+					
7/670	F7	ePM1 60%	287x287x670	800/65	5	1,9	0,8		A+					
7/670	F7	ePM1 60%	592x287x670	1700/65	10	3,8	1,4		A+					
7/670	F7	ePM1 60%	592x490x670	2700/65	10	6,5	1,6		A+					
7/670	F7	ePM1 60%	490x490x670	2330/65	8	7,5	1,3		A+					
7/640	F7	ePM1 60%	592x592x640	3400/70	10	7,5	2,3	918	A	62	62	71	71	90
7/640	F7	ePM1 60%	287x287x640	800/70	5	1,9	0,8		A					
7/640	F7	ePM1 60%	592x287x640	1700/70	10	3,7	1,4		A					
7/640	F7	ePM1 60%	592x490x640	2700/70	10	6,2	1,6		A					
7/640	F7	ePM1 60%	490x490x640	2330/70	8	5	1,3		A					
7/520	F7	ePM1 60%	592x592x520	3400/75	10	10	2,2	1031	B	62	62	71	71	90
7/520	F7	ePM1 60%	287x592x520	1700/75	5	3	1,3		B					
7/520	F7	ePM1 60%	287x287x520	800/75	5	1,5	0,7		B					

Type	EN779	ISO 16890	Dimensions WxHxD (mm)	Air Flow/pressure drop (m^3/h/Pa)	Bags	Media area (m^2)	Weight (kg)	Energy (kWh/year)	Energy class	ePM1	ePM1min	ePM2,5	ePM2,5min	ePM10
7/640	F7	ePM1 60%	490x592x640	2700/70	8	6	1,6		A					
7/640	F7	ePM1 60%	287x592x640	1700/70	5	3,7	1,4		A					
7/520	F7	ePM1 60%	592x287x520	1700/75	10	3	1,3		B					
7/520	F7	ePM1 60%	592x490x520	2700/75	10	5	1,4		B					
7/520	F7	ePM1 60%	490x490x520	2330/75	8	4	1,2		B					
7/370	F7	ePM1 60%	592x592x370	3400/90	10	4,3	2	1643	D	62	62	71	71	90
7/520	F7	ePM1 60%	490x592x520	2700/75	8	8	1,4		B					
7/370	F7	ePM1 60%	287x592x370	1700/90	5	2,2	1,2		D					
7/370	F7	ePM1 60%	287x287x370	800/90	5	1,1	0,7		D					
7/370	F7	ePM1 60%	592x287x370	1700/90	10	2,1	1,2		D					
7/370	F7	ePM1 60%	592x490x370	2700/90	10	2,9	1,2		D					
7/370	F7	ePM1 60%	490x490x370	2330/90	8	2,9	1		D					
9/640	F9	ePM1 85%	592x592x640	3400/135	10	7,5	2,3	2016	D	87	87	91	91	98
9/640	F9	ePM1 85%	490x592x640	2700/135	8	6	1.6		D					
9/640	F9	ePM1 85%	287x592x640	1700/135	5	3,7	1,4		D					
7/370	F7	ePM1 60%	490x592x370	2700/90	8	3,5	1,3		D					
9/640	F9	ePM1 85%	287x287x640	800/135	5	1.9	0.8		D					
9/640	F9	ePM1 85%	592x287x640	1700/135	10	3.7	1.4		D					
9/640	F9	ePM1 85%	592x490x640	2700/135	10	6.2	1.6		D					
9/640	F9	ePM1 85%	490x490x640	2330/135	8	5	1.3		D					
9/520	F9	ePM1 85%	490x592x520	2700/180	8	4.9	1.4		D					
9/520	F9	ePM1 85%	287x592x520	1700/180	5	3	1.3		D					
9/520	F9	ePM1 85%	287x287x520	800/180	5	1.5	0.7		D					
9/520	F9	ePM1 85%	592x287x520	1700/180	10	3	1.3		D					
9/520	F9	ePM1 85%	592x490x520	2700/180	10	5	1.4		D					
9/520	F9	ePM1 85%	490x490x520	2330/180	8	4	1.2		D					
9/520	F9	ePM1 85%	592x592x520	3400/180	10	6.1	2.2	2130	D	87	87	91	91	98

Energy Consumption, kWh/year: Calculated according to Eurovent Guideline 4/21-2019
Energy class: according to Eurovent RS 4/C/001-2019