

Bag Filters

Multibag

Application

Multibag filters are used in air-conditioning units as the second or last filtration level for environments with high demands on separation of fine dust particles, especially for medicine, pharmaceutical industry, electrical engineering, nuclear power stations, food processing industry, etc.. Spacers between the individual bags ensure an even flow, as well as the even distribution of dust throughout the entire filter. It is recommended to use the Prebag filters to remove coarse dust in order to extend service life of Multibag filters and to reduce operational costs.

Advantages

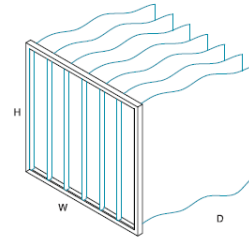
- High dust holding capacity
- Low pressure drop
- High economic efficiency
- Reduced energy operating costs
- Controlled media spacing



BAG FILTERS MULTIBAG



Properties					
UNI EN 779 CLASS	F5	F6	F7	F8	F9
Average Efficiency E _m %	40-60	60-80	80-90	90-95	> 95
Initial Pressure Loss	35 Pa	65 Pa	85 Pa	95 Pa	125 Pa
Final Pressure Loss	450 Pa	450 Pa	450 Pa	450 Pa	450 Pa
Continuous Temperature Resistance	80°C	80°C	80°C	80°C	80°C
Max. Relative Humidity Resistance	100%	100%	100%	100%	100%
Frame	Metal & Plastic (25 mm thickness)				
Media	Polypropylene meltblown				
Fire Resistance Class	F1 according to DIN 53438				
Filter Stage	II - III				



Various sizes and designs on request
 Optional with foamed hygiene-gasket on the dust air side
 Plastic header frame is completely incinerable

Note: The dimensions should always be specified in the order W x H x D for pocket filters.

Code/Dimensions WxHxD	Width mm	Height mm	Depth mm	Number of Bags	Air Flow m ³ /h	Pressure Drop Pa	Filtering Surface m ²
TF-GS4-287x287x535-F5	287	287	535	4	850	45	1.2
TF-GS4-287x287x635-F5	287	287	635	4	850	35	1.3
TF-GS4-287x592x535-F5	287	592	535	4	1750	45	2.8
TF-GS4-287x592x635-F5	287	592	635	4	1750	35	3.4
TF-GS6-490x592x535-F5	490	592	535	6	2850	45	4.2
TF-GS6-490x592x635-F5	490	592	635	6	2850	35	5
TF-GS8-592x592x535-F5	592	592	535	8	3400	45	5.6
TF-GS8-592x592x635-F5	592	592	635	8	3400	35	7
TF-GS4-287x287x535-F6	287	287	535	4	850	75	1.2
TF-GS4-287x287x635-F6	287	287	635	4	850	65	1.3
TF-GS4-287x592x535-F6	287	592	535	4	1750	75	2.8
TF-GS4-287x592x635-F6	287	592	635	4	1750	65	3.4
TF-GS6-490x592x535-F6	490	592	535	6	2850	75	4.2
TF-GS6-490x592x635-F6	490	592	635	6	2850	65	5
TF-GS8-592x592x535-F6	592	592	535	8	3400	75	5.6
TF-GS8-592x592x635-F6	592	592	635	8	3400	65	7
TF-GS4-287x287x535-F7	287	287	535	4	850	95	1.2
TF-GS4-287x287x635-F7	287	287	635	4	850	85	1.3
TF-GS4-287x592x535-F7	287	592	535	4	1750	95	2.8
TF-GS4-287x592x635-F7	287	592	635	4	1750	85	3.4
TF-GS6-490x592x535-F7	490	592	535	6	2850	95	4.2
TF-GS6-490x592x635-F7	490	592	635	6	2850	85	5
TF-GS8-592x592x535-F7	592	592	535	8	3400	95	5.6
TF-GS8-592x592x635-F7	592	592	635	8	3400	85	7
TF-GS4-287x287x535-F8	287	287	535	4	850	105	1.2
TF-GS4-287x287x635-F8	287	287	635	4	850	95	1.3
TF-GS4-287x592x535-F8	287	592	535	4	1750	105	2.8
TF-GS4-287x592x635-F8	287	592	635	4	1750	95	3.4
TF-GS6-490x592x535-F8	490	592	535	6	2850	105	4.2
TF-GS6-490x592x635-F8	490	592	635	6	2850	95	5
TF-GS8-592x592x535-F8	592	592	535	8	3400	105	5.6
TF-GS8-592x592x635-F8	592	592	635	8	3400	95	7
TF-GS4-287x287x535-F9	287	287	535	4	850	135	1.2
TF-GS4-287x287x635-F9	287	287	635	4	850	125	1.3
TF-GS4-287x592x535-F9	287	592	535	4	1750	135	2.8
TF-GS4-287x592x635-F9	287	592	635	4	1750	125	3.4
TF-GS6-490x592x535-F9	490	592	535	6	2850	135	4.2
TF-GS6-490x592x635-F9	490	592	635	6	2850	125	5
TF-GS8-592x592x535-F9	592	592	535	8	3400	135	5.6
TF-GS8-592x592x635-F9	592	592	635	8	3400	125	7

PRODUCT CODE

