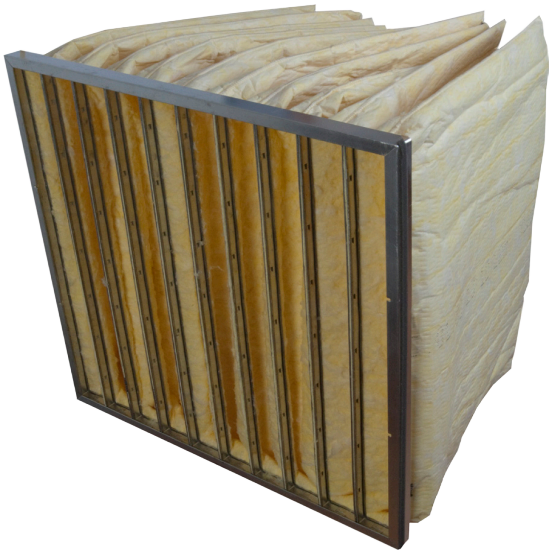
Datasheet

ENGLISH

Jayflow98 Glass Bag Filter
Fine Efficiency Rating

General Description

The Jayflow Range of bag filters are used widely in government buildings, hospitals and other sensitive areas. This grade of filter is effective against dust and soots and is suitable for air conditioning in hospitals, laboratories, offices, theatres and computer rooms.



Construction and Features

Jayflow bag filters are manufactured by mounting the microfine glass fibre media pockets into a galvanised steel header frame. Each pocket rim is fixed to a rigid steel collar and these frames are joined together before fixing into the outside header frame.

The glass fibre pockets are stitched to allow them to open fully just far enough to prevent them from touching each adjacent pocket so allowing for maximum airflow.

The conical shape of the pocket allows for a maximum of 12 pockets to be fitted across a width of 600mm nominal.

Filter Efficiency to BS EN 779:2012	**F9**
MTE (Minimum Test Efficiency @ 0.4micron)	**84%**

This example shows the same 10 pocket bag filter, however the pockets on this filter have been formed using conical pleat geomtry. You can clearly see clear air between each pocket.

This example shows a 10 pocket straight geomtry bag filter in the airflow. Observe how the pockets touch one and other severely restricting the airflow rendering this bag filter useless from the start.

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

FM 29257
BS EN ISO 9001:2008

EMS 81914
BS EN ISO 14001:2004

ENGLISH

Jayflow98 Glass Bag Filter STANDARD SIZES

Part Number	Height (mm)	Width (mm)	Pocket Depth (mm)	No. Pockets	Media Area m^2	Rated Airflow m^3/hr	Pressure Drop Pa	Energy Rating Eurovent 4/11
JBU241/3	592	592	635	8	6.4	3400	170	B 2280kWh
JBU201/3	592	492	635	6	4.8	2600	170	
JBU121/3	592	287	635	4	3.2	1700	170	
JBU20/241/3	492	592	635	8	5.2	2600	170	
JBU12/241/3	287	592	635	8	3.2	1700	170	
JBU12/121/3	287	287	635	4	1.6	850	170	
JBU242/3	592	592	535	8	5.2	2700	170	
JBU202/3	592	492	535	6	4	2000	170	
JBU122/3	592	287	535	4	2.6	1350	170	
JBU20/242/3	492	592	535	8	4.4	2240	170	
JBU12/242/3	287	592	535	8	2.6	1350	170	
JBU12/122/3	287	287	535	4	1.35	680	170	
JBU243/3	592	592	360	8	3.6	1850	170	
JBU203/3	592	492	360	6	2.7	1380	170	
JBU123/3	592	287	360	4	1.8	930	170	
JBU20/243/3	492	592	360	8	2.7	1380	170	
JBU12/243/3	287	592	360	8	1.8	930	170	
JBU12/123/3	287	287	360	4	0.96	560	170	
JBU241/2	592	592	635	10	7.8	3400	138	A 1650kWh
JBU201/2	592	492	635	8	6.3	2800	138	
JBU121/2	592	287	635	5	3.9	1700	138	
JBU12/121/2	287	287	635	5	2	850	138	
JBU242/2	592	592	535	10	6.6	3400	149	B 1889kWh
JBU202/2	592	492	535	8	5.3	2700	149	
JBU122/2	592	287	535	5	3.3	1700	149	
JBU20/242/2	492	592	535	10	5.5	2800	149	
JBU12/242/2	287	592	535	10	3.3	1700	149	
JBU36/242/2	892	592	535	10	9.8	5100	149	
JBU36/202/2	892	492	535	8	7.9	4250	149	
JBU36/122/2	892	287	535	5	4.9	2550	149	
JBU12/122/2	287	287	535	5	1.7	850	149	
JBU241/1	592	592	635	12	9.4	3400	135	A 1550kWh
JBU201/1	592	492	635	10	7.8	2800	135	
JBU121/1	592	287	635	6	4.7	1700	135	
JBU20/241/1	492	592	635	12	7.8	2800	135	
JBU12/241/1	287	592	635	12	4.8	1700	135	
JBU36/241/1	892	592	635	12	14.1	5100	135	
JBU36/201/1	892	492	635	10	11.7	4250	135	
JBU36/121/1	892	287	635	6	7	2550	135	
JBU12/121/1	287	287	635	6	2.4	850	135	
JBU242/1	592	592	535	12	7.9	3400	145	B 2285kWh
JBU202/1	592	492	535	10	6.6	2800	145	
JBU122/1	592	287	535	6	3.9	1700	145	
JBU243/1	592	592	360	12	5.4	2800	168	
JBU203/1	592	492	360	10	4.5	2300	168	
JBU123/1	592	287	360	6	2.7	1400	168	
JBU20/243/1	492	592	360	12	4.5	2300	168	
JBU12/243/1	287	592	360	12	2.8	1400	168	
JBU36/243/1	892	592	360	12	8.1	4200	168	
JBU36/203/1	892	492	360	10	6.7	3500	168	
JBU36/123/1	892	287	360	6	4	2100	168	
JBU12/123/1	287	287	360	6	1.44	700	168	