

Datasheet

Jayflow85 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**

F7

**MTE (Minimum Test
Efficiency @ 0.4micron)**

55%



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

This example shows a 10 pocket straight geometry 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.



Jayflow85 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
JBF241/3	592	592	635	8	6.4	3400	95	B 1305kWh
JBF201/3	592	492	635	6	4.8	2600	95	
JBF121/3	592	287	635	4	3.2	1700	95	
JBF20/241/3	492	592	635	8	5.2	2600	95	
JBF12/241/3	287	592	635	8	3.2	1700	95	
JBF12/121/3	287	287	635	4	1.6	850	95	
JBF242/3	592	592	535	8	5.2	2700	95	
JBF202/3	592	492	535	6	4	2000	95	
JBF122/3	592	287	535	4	2.6	1350	95	
JBF20/242/3	492	592	535	8	4.4	2240	95	
JBF12/242/3	287	592	535	8	2.6	1350	95	
JBF12/122/3	287	287	535	4	1.35	680	95	
JBF243/3	592	592	360	8	3.6	1850	95	
JBF203/3	592	492	360	6	2.7	1380	95	
JBF123/3	592	287	360	4	1.8	930	95	
JBF20/243/3	492	592	360	8	2.7	1380	95	
JBF12/243/3	287	592	360	8	1.8	930	95	
JBF12/123/3	287	287	360	4	0.96	560	95	
JBF241/2	592	592	635	10	7.8	3400	95	A 1069kWh
JBF201/2	592	492	635	8	6.3	2800	95	
JBF121/2	592	287	635	5	3.9	1700	95	
JBF12/121/2	287	287	635	5	2	850	95	
JBF242/2	592	592	535	10	6.6	3400	105	B 1236kWh
JBF202/2	592	492	535	8	5.3	2700	105	
JBF122/2	592	287	535	5	3.3	1700	105	
JBF20/242/2	492	592	535	10	5.5	2800	105	
JBF12/242/2	287	592	535	10	3.3	1700	105	
JBF36/242/2	892	592	535	10	9.8	5100	105	
JBF36/202/2	892	492	535	8	7.9	4250	105	
JBF36/122/2	892	287	535	5	4.9	2550	105	
JBF12/122/2	287	287	535	5	1.7	850	105	
JBF241/1	592	592	635	12	9.4	3400	90	A 1044kWh
JBF201/1	592	492	635	10	7.8	2800	90	
JBF121/1	592	287	635	6	4.7	1700	90	
JBF20/241/1	492	592	635	12	7.8	2800	90	
JBF12/241/1	287	592	635	12	4.8	1700	90	
JBF36/241/1	892	592	635	12	14.1	5100	90	
JBF36/201/1	892	492	635	10	11.7	4250	90	
JBF36/121/1	892	287	635	6	7	2550	90	
JBF12/121/1	287	287	635	6	2.4	850	90	
JBF242/1	592	592	535	12	7.9	3400	95	A 1069kWh
JBF202/1	592	492	535	10	6.6	2800	95	
JBF122/1	592	287	535	6	3.9	1700	95	
JBF243/1	592	592	360	12	5.4	2800	99	
JBF203/1	592	492	360	10	4.5	2300	99	
JBF123/1	592	287	360	6	2.7	1400	99	
JBF20/243/1	492	592	360	12	4.5	2300	99	
JBF12/243/1	287	592	360	12	2.8	1400	99	
JBF36/243/1	892	592	360	12	8.1	4200	99	
JBF36/203/1	892	492	360	10	6.7	3500	99	
JBF36/123/1	892	287	360	6	4	2100	99	
JBF12/123/1	287	287	360	6	1.44	700	99	