



- ISO16890 ePM10 – 80%
- Synthetic product fitted with aerodynamic spacers
- Low replacement cost
- Robust construction
- Available in standard and bespoke sizes
- Made in Britain

**Applications**

The F7 Synthetic Bag filter is a fine grade synthetic bag filter ideal for use in ventilation systems when a moderately high standard of cleanliness & protection is required for the removal of atmospheric staining etc. It may be used as part of a multi-stage filtration system and is particularly suitable where fibre shedding is unacceptable.

**Construction**

The pockets are produced from synthetic micro-fibres specifically designed for use in air filtration and provided with a scrim support backing bonded to the exit side of the media. The pockets are provided with inflation spacers to prevent over inflation when in use. Each pocket is fitted with a U profile capping strip to ensure no leakage between pockets. The sets of pockets are retained in a rigid galvanised steel channel, which features a specially roll formed safety edge.

**Standard Sizes and Capacities**

Header HxW (mm)	No. Pockets	Pocket length	Capacity (m <sup>3</sup> /hr)	Initial Resistance (Pa)
592x592	6	305	1,275	80
592x592	7	305	1,488	80
592x592	8	305	1,700	80
592x592	6	381	1,913	80
592x592	7	381	2,231	80
592x592	8	381	2,550	80
592x592	6	508	2,125	80
592x592	7	508	2,479	80
592x592	8	508	2,833	80
592x592	6	610	2,550	80
592x592	7	610	2,975	80
592x592	8	610	3,400	80
592x592	6	762	3,188	80
592x592	7	762	3,719	80
592x592	8	762	4,250	80
592x490	5	305	1,063	80
592x490	6	305	1,275	80
592x490	5	381	1,594	80
592x490	6	381	1,913	80
592x490	5	508	1,771	80
592x490	6	508	2,125	80
592x490	5	610	2,125	80
592x490	6	610	2,550	80
592x490	5	762	2,657	80
592x490	6	762	3,188	80
592x292	3	305	638	80
592x292	4	305	850	80
592x292	3	381	956	80
592x292	4	381	1,275	80
592x292	3	508	1,063	80
592x292	4	508	1,417	80
592x292	3	610	1,275	80
592x292	4	610	1,700	80
592x292	3	762	1,594	80
592x292	4	762	2,125	80

Filter Reference	Rated Velocity m/s	ASHRAE Efficiency	Max Temp °C	Max Humidity	Initial Resistance at RV (pa)	Rated Final Resistance (pa)
Reliance P85	Dependent on pocket length	80-90%	60	100%RH	80	300
Standard Header Dimensions (HxW)	Standard Pocket No.s	Standard Pocket lengths				Standard Header Depths
592x592mm	6,7 or 8	305mm 381mm 508mm 610mm 762mm				20, 25 or 30mm
592x492mm	5 or 6					
592x287mm	3or 4					