



### **SPECIFICATION FWSS PRIMARY FILTER**



Primary cleanable G3 Filter with aluminium coated double return bent filter frame with no sharp edge, pleated synthetic non woven polyester media. Polyurethane sealing, bonding media to frame.

FWSS (Self Supported Filter) is for use in all commercial and industrial applications. The FWSS is entirely cleanable. The FWSS Frame is produced on a completely automated line which ensures accuracy to dimensions requested. A Programmable PLC controls notching before frame is fed into a double return bend roll ormer. Pleating is done by up to date pleating machines capable of depths of 25mm / 50mm / 100mm with exact pleat height and spacing. Heating of media during pleating ensures the filter holds it pleat formation which is enhanced when the filter is sealed into the framework using Polyethylene.

(mm)			CAPACITIES m <sup>3</sup> /s	RESISTANCE Pa	
Holding Frame	FILTER	DEPTH		Initial	Final
305 x 610 x 55	<b>295 X 595</b>	50	0,47	70	250
		100	0,47	55	250
406 x 508 x 55	<b>395 X 495</b>	50	0,52	70	250
		100	0,52	55	250
406 x 635 x 55	<b>395 X 620</b>	50	0,66	70	250
		100	0,66	55	250
508 x 508 x 55	<b>495 X 495</b>	50	0,66	70	250
		100	0,66	55	250
508 x 635 x 55	<b>495 X 620</b>	50	0,82	70	250
		100	0,82	55	250
610 x 610 x 55	<b>595 X 595</b>	50	0,94	70	250
		100	0,94	55	250

**Technical Specifications:**

EN779 Classification

ASHRAE 52/76 (Average Arrestance)

ASHRAE 52/76 (Atmospheric dust spot efficiency)

Dust holding capacity per m<sup>2</sup>

Recommended face velocity

Effective filter media

G3

89%

≤30%

420g

2,5 m/s

4 times face area (50mm)

8 times face area(100mm)

