



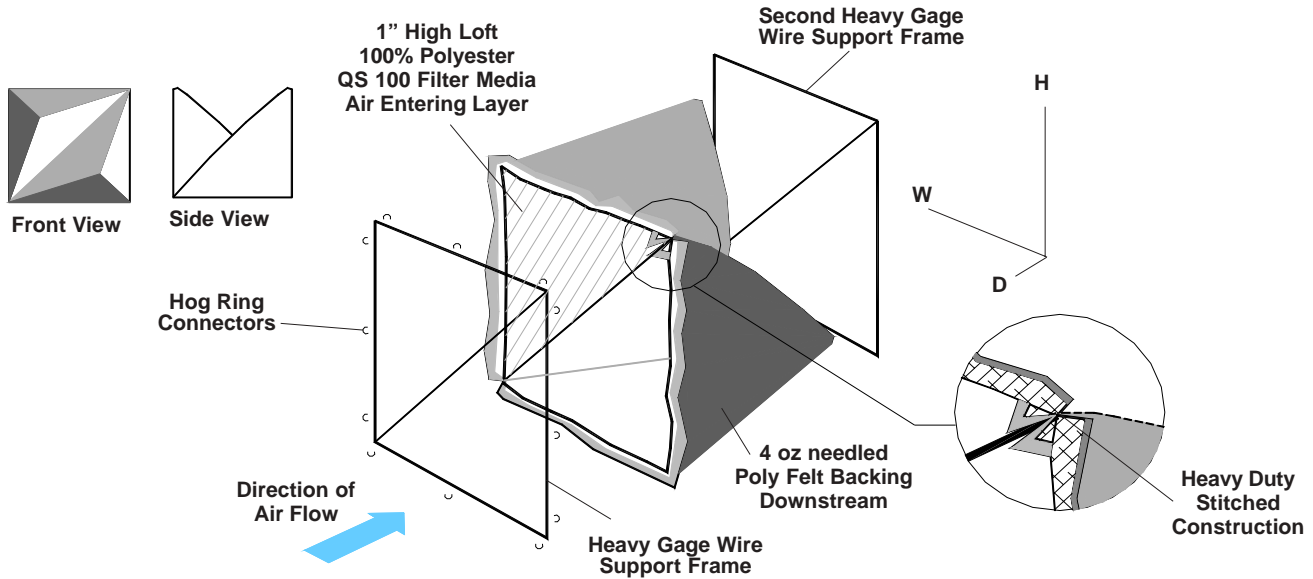
# QUALITY FILTERS, INC.

THINKSIMPLE. THINKSMART. THINKQUALITY.

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<b>QUALITY SEAL - QSM 100</b>		
<b>Multi-Pocket Polyester Cube Filters</b>		
Date 24 Aug 09	Dwg No. <b>Q-110009</b>	Rev <b>D</b>
Date 24 Aug 09		



**2 Pocket Triangle Configuration**

**Notes:**

Quality Seal Multi-Pocket Polyester Cube Filters offer up to five times the filter area of flat panels.

One and two pocket configurations in any media or combination of medias are available.

Quality Seal Multi-Pocket Polyester Cube Filters are the best way to maximize the service life and efficiency of the "Quality Seal" polyester medias.

Double wire frame construction encapsulates the media, providing a self sealing support that also withstands warping from heavy loading and aggressive installation.

Polyester overlap around the edges inhibits dust and paint bypass.

Ideal for HVAC or Paint Overspray collection.

Aerospace systems are available.

**Media Area (sq. ft.) QS 100 Media**

Face Dimensions	1 Pkt Square Cubes			2 Pkt Tapered Cubes		
	Depth	12"	15"	20"	12"	15"
12x24	8.00	9.50	12.00	-	-	-
16x20	8.22	9.72	12.22	8.67	10.83	14.44
16x25	9.61	11.32	14.17	10.33	12.92	17.22
20x20	9.44	11.11	13.89	9.17	11.46	15.28
20x24	10.67	12.50	15.56	10.50	13.13	17.50
20x25	10.97	12.85	15.97	10.83	13.54	18.06
24x24	12.00	14.00	17.33	11.00	13.75	18.33
2 Pkt Triangular Cubes						
Face Dimensions	Depth	13"	14"	16"	18"	
12x24	6.71	-	-	-	-	
20x20		7.86	-	-	-	
20x25			10.0	-	-	
24x24				11.31	-	

**Part Number Guide**

Product Code	Pocket Count*	Media	Dimensions	Header	No Support Wire
CF	1	QS	WxHxD	H	X
<b>Examples:</b>					
CF1QS122412 = Cube Filter, 1 Pkt, QS 100 Media, 12x24x12					
CF2QS202015H = Cube Filter, 2 Pkt, QS 100 Media, 20x20x15, with Header					
*Q denotes 2 triangle shaped pockets					

**Typical Performance Data (24x24x15 - 2 Pocket Filter)**

Product Code	ASHRAE 52.2 - 1999				Initial Resistance "w.g."	Final Resistance "w.g."
	MERV Value	E1 %	E2 %	E3 %	@ 300 fpm	@ 300 fpm
CF2QS	< 5	n/a	n/a	n/a	0.19	1.00

Characteristics	Quality Seal - QSM 100
<b>Filter Media, Air Entry Layer</b>	1 inch thick; 15/40 denier dry polyester blend with calendered smooth downstream layer
<b>Filter Media, Air Exit Layer</b>	4 oz/yd <sup>2</sup> polyester felt
<b>Construction Technique</b>	Sewn pockets with hog ring fasteners
<b>Support Frames</b>	Two 0.148 inch (9 gage) galvanized steel wire frames
<b>Max. Temperature</b>	100°F (38°C) continuous service, Peaks to 120°F (49°C)
<b>Max. Humidity</b>	Resistant to 100% R.H.