



**Notes:**

MQP Pleated Filters are available in 1", 2" and 4" depth. The electrostatically charged 100% synthetic graduated density media is continuously bonded to a 30 gauge galvanized, corrosion resistant, expanded metal support grid with an effective open area of 96%. The media is resistant to a wide range of chemicals, does not absorb moisture and will not support microbial growth.

The controlled pleat spacing maximizes surface area and dust holding capacity and is bonded to the enclosure frame to prevent dust bypass.

The enclosure frame is constructed of high wet strength moisture resistant beverage board. The diagonal support members of the frame are bonded to the entering and exiting apices of each pleat to prevent pleat collapse and filter bowing.

Product Code	Nominal Size	Actual Size	Flow Rate cfm	Media Sq.Feet
MQP10201	10x20x1	9.5x19.5x.75	410	3.4
MQP12201	12x20x1	11.5x19.5x.75	492	4.1
MQP12241	12x24x1	11.75x23.75x.75	590	4.8
MQP12251	12x25x1	11.5x24.5x.75	619	5.0
MQP14201	14x20x1	13.5x19.5x.75	575	4.6
MQP14251	14x25x1	13.5x24.5x.75	718	5.9
MQP15201	15x20x1	14.5x19.5x.75	615	5.0
MQP16201	16x20x1	15.5x19.5x.75	654	5.3
MQP16241	16x24x1	15.5x23.5x.75	787	6.5
MQP16251	16x25x1	15.5x24.5x.75	836	6.6
MQP18241	18x24x1	17.5x23.5x.75	885	7.2
MQP18251	18x25x1	17.5x24.5x.75	934	7.5
MQP20201	20x20x1	19.5x19.5x.75	836	6.6
MQP20241	20x24x1	19.5x23.5x.75	983	8.0
MQP20251	20x25x1	19.5x24.5x.75	1032	8.3
MQP20301	20x30x1	19.5x29.5x.75	1229	10.1
MQP24241	24x24x1	23.75x23.75x.75	1180	9.6
MQP24301	24x30x1	23.5x29.5x.75	1475	9.9
MQP25251	25x25x1	24.5x24.5x.75	1278	10.4
MQP10202	10x20x2	9.5x19.5x1.75	688	7.1
MQP12202	12x20x2	11.5x19.5x1.75	836	8.9
MQP12242	12x24x2	11.75x23.75x1.75	983	10.7
MQP12252	12x25x2	11.5x24.5x1.75	1032	11.2
MQP14202	14x20x2	13.5x19.5x1.75	959	10.7
MQP14252	14x25x2	13.5x24.5x1.75	1195	13.3

Product Code	Nominal Size	Actual Size	Flow Rate cfm	Media Sq.Feet
MQP15202	15x20x2	14.5x19.5x1.75	1023	11.5
MQP16162	16x16x2	15.5x15.5x1.75	910	9.2
MQP16202	16x20x2	15.5x19.5x1.75	1082	11.5
MQP16242	16x24x2	15.5x23.5x1.75	1311	15.3
MQP16252	16x25x2	15.5x24.5x1.75	1377	14.4
MQP18242	18x24x2	17.5x23.5x1.75	1475	16.0
MQP18252	18x25x2	17.5x24.5x1.75	1524	16.7
MQP20202	20x20x2	19.5x19.5x1.75	1377	15.1
MQP20242	20x24x2	19.5x23.5x1.75	1637	18.1
MQP20252	20x25x2	19.5x24.5x1.75	1721	18.8
MQP20302	20x30x2	19.5x29.5x1.75	2048	24.0
MQP24242	24x24x2	23.375x23.375x1.75	1967	21.3
MQP24302	24x30x2	23.5x29.5x1.75	2458	25.9
MQP25252	25x25x2	24.5x24.5x1.75	2124	23.3
MQP25282	25x28x2	24.5x27.875x1.75	2360	25.6
MQP12244	12x24x4	11.375x23.375x3.5	983	14.2
MQP16204	16x20x4	15.5x19.5x3.5	1082	15.7
MQP16254	16x25x4	15.5x24.5x3.5	1377	19.7
MQP18244	18x24x4	17.5x23.5x3.5	1475	21.3
MQP20204	20x20x4	19.5x19.5x3.5	1377	19.7
MQP20244	20x24x4	19.5x23.5x3.5	1622	23.7
MQP20254	20x25x4	19.5x24.5x3.5	1721	24.7
MQP24244	24x24x4	23.375x23.375x3.5	1967	28.4
MQP25294	25x29x4	24.5x28.5x3.5	2458	35.7

\*Pleats per linear foot 1" depth = 16, 2" depth = 15, 4" depth = 11.

Performance Data	Product Code	ASHRAE 52.1 - 1992			Initial Resistance " w.g. @ Rated Flow See Chart	Final Resistance " w.g.	ASHRAE 52.2 - 1999				
		Initial Efficiency	Average Efficiency	Average Arrestance			MERV Value	E1 %	E2 %	E3 %	
* Minimum performance expectation - Test data pending	MQP - 1"		40*		0.232	-	1.0	11	22.8	65.2	86.1
	MQP - 2"		40*		-	0.35	1.0	11	26.5	65.2	86.5
	MQP - 4"		40*		-	0.263	1.0	11	29.1	65.7	86.2

Characteristics	MQP Pleated Filters
Filter Media	100% synthetic gradient media, electrostatically charged
Filter Support Grid	30 gauge galvanized expanded metal grid
Frame	Moisture resistant double wall beverage board
Assembly Technique	Media pack totally bonded to frame
Max. Temperature	180°F (82°C) continuous service, Peaks 225°F (107°C)
Max. Humidity	Resistant to 100% R.H.



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MQP Pleated Filters			
DR	JJS	Date	29 Sep 07
CK	JH	Date	29 Sep 07
		Dwg No.	<b>Q-110012</b>
		Revision	<b>C</b>