



Notes:

MQP40 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 apexes of each pleat to prevent pleat collapse and filter bowing.

Product Code	Nominal Size	Actual Size	Flow Rate cfm	Media Sq.Feet
MQP4010101	10x10x1	9.44x9.44x.75	205	1.6
MQP4010201	10x20x1	9.5x19.5x.75	410	3.4
MQP4010251	10x25x1	9.5x24.5x.75	512	4.3
MQP4012121	12x12x1	11.75x11.75x.75	295	2.3
MQP4012201	12x20x1	11.5x19.5x.75	492	4.1
MQP4012241	12x24x1	11.75x23.75x.75	590	4.8
MQP4012251	12x25x1	11.5x24.5x.75	619	5.0
MQP4014201	14x20x1	13.5x19.5x.75	575	4.6
MQP4014251	14x25x1	13.5x24.5x.75	718	5.9
MQP4015201	15x20x1	14.5x19.5x.75	615	5.0
MQP4015251	15x25x1	14.5x24.5x.75	811	6.3
MQP4016201	16x20x1	15.5x19.5x.75	654	5.3
MQP4016241	16x24x1	15.5x23.5x.75	787	6.5
MQP4016251	16x25x1	15.5x24.5x.75	836	6.6
MQP4018241	18x24x1	17.5x23.5x.75	885	7.2
MQP4018251	18x25x1	17.5x24.5x.75	934	7.5
MQP4020201	20x20x1	19.5x19.5x.75	836	6.6
MQP4020241	20x24x1	19.5x23.5x.75	983	8.0
MQP4020251	20x25x1	19.5x24.5x.75	1032	8.3
MQP4020301	20x30x1	19.5x29.5x.75	1229	10.1
MQP4024241	24x24x1	23.75x23.75x.75	1180	9.6
MQP4024301	24x30x1	23.5x29.5x.75	1475	9.9
MQP4025251	25x25x1	24.5x24.5x.75	1278	10.4
MQP4010102	10x10x2	9.44x9.44x1.75	339	3.6
MQP4010202	10x20x2	9.5x19.5x1.75	688	7.1
MQP4012122	12x12x2	11.88x11.88x1.75	492	5.2
MQP4012202	12x20x2	11.5x19.5x1.75	836	8.9
MQP4012242	12x24x2	11.75x23.75x1.75	983	10.7
MQP4012252	12x25x2	11.5x24.5x1.75	1032	11.2
MQP4014202	14x20x2	13.5x19.5x1.75	959	10.7
MQP4014252	14x25x2	13.5x24.5x1.75	1195	13.3

Product Code	Nominal Size	Actual Size	Flow Rate cfm	Media Sq.Feet
MQP4015202	15x20x2	14.5x19.5x1.75	1023	11.5
MQP4015252	15x25x2	14.5x24.5x1.75	1327	14.4
MQP4016162	16x16x2	15.5x15.5x1.75	910	9.2
MQP4016202	16x20x2	15.5x19.5x1.75	1082	11.5
MQP4016242	16x24x2	15.5x23.5x1.75	1311	15.3
MQP4016252	16x25x2	15.5x24.5x1.75	1377	14.4
MQP4018182	18x18x2	17.5x17.5x1.75	1106	13.0
MQP4018242	18x24x2	17.5x23.5x1.75	1475	16.0
MQP4018252	18x25x2	17.5x24.5x1.75	1524	16.7
MQP4020202	20x20x2	19.5x19.5x1.75	1377	15.1
MQP4020242	20x24x2	19.5x23.5x1.75	1637	18.1
MQP4020252	20x25x2	19.5x24.5x1.75	1721	18.8
MQP4020302	20x30x2	19.5x29.5x1.75	2048	24.0
MQP4024242	24x24x2	23.375x23.375x1.75	1967	21.3
MQP4024302	24x30x2	23.5x29.5x1.75	2458	25.9
MQP4025252	25x25x2	24.5x24.5x1.75	2124	23.3
MQP4025282	25x28x2	24.5x27.875x1.75	2360	25.6
MQP4027272	27x27x2	26.44x26.44x1.75	2488	26.3
MQP4028302	28x30x2	27.75x29.75x1.75	2868	30.2
MQP4029292	29x29x2	28.44x28.44x1.75	2871	30.2
MQP4012244	12x24x4	11.375x23.375x3.5	983	14.2
MQP4016204	16x20x4	15.5x19.5x3.5	1082	15.7
MQP4016254	16x25x4	15.5x24.5x3.5	1377	19.7
MQP4018244	18x24x4	17.5x23.5x3.5	1475	21.3
MQP4020204	20x20x4	19.5x19.5x3.5	1377	19.7
MQP4020244	20x24x4	19.5x23.5x3.5	1622	23.7
MQP4020254	20x25x4	19.5x24.5x3.5	1721	24.7
MQP4024244	24x24x4	23.375x23.375x3.5	1967	28.4
MQP4025294	25x29x4	24.5x28.5x3.5	2458	35.7
MQP4028304	28x30x4	27.75x29.75x3.5	2852	41.4

*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	MQP40 - 1"		40*		0.232	-	1.0	11	22.8	65.2	86.1
	MQP40 - 2"		40*		-	0.35	1.0	11	26.5	65.2	86.5
	MQP40 - 4"		40*		-	0.263	1.0	11	29.1	65.7	86.2

Characteristics	MQP40 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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MQP40 Pleated Filters

DR JJS	Date 13 Jun 04	Dwg No.	Q-110012
CK RBB	Date 13 Jun 04		Revision