



Notes:

DQP40 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
DQP4010101	10x10x1	9.44x9.44x.75	205	1.4
DQP4010201	10x20x1	9.5x19.5x.75	410	3
DQP4012121	12x12x1	11.75x11.75x.75	295	2
DQP4012201	12x20x1	11.5x19.5x.75	492	3.6
DQP4012241	12x24x1	11.75x23.75x.75	590	4.3
DQP4012251	12x25x1	11.5x24.5x.75	619	4.4
DQP4014201	14x20x1	13.5x19.5x.75	575	4.1
DQP4014251	14x25x1	13.5x24.5x.75	718	5.2
DQP4015201	15x20x1	14.5x19.5x.75	615	4.4
DQP4016201	16x20x1	15.5x19.5x.75	654	4.7
DQP4016241	16x24x1	15.5x23.5x.75	787	5.8
DQP4016251	16x25x1	15.5x24.5x.75	836	5.9
DQP4018241	18x24x1	17.5x23.5x.75	885	6.4
DQP4018251	18x25x1	17.5x24.5x.75	934	6.7
DQP4020201	20x20x1	19.5x19.5x.75	836	5.9
DQP4020241	20x24x1	19.5x23.5x.75	983	7.1
DQP4020251	20x25x1	19.5x24.5x.75	1032	7.4
DQP4020301	20x30x1	19.5x29.5x.75	1229	9
DQP4024241	24x24x1	23.75x23.75x.75	1180	8.5
DQP4024301	24x30x1	23.5x29.5x.75	1475	8.8
DQP4025251	25x25x1	24.5x24.5x.75	1278	9.2
DQP4010202	10x20x2	9.5x19.5x1.75	688	5.9
DQP4012202	12x20x2	11.5x19.5x1.75	836	7.4
DQP4012242	12x24x2	11.75x23.75x1.75	983	8.9
DQP4012252	12x25x2	11.5x24.5x1.75	1032	9.3
DQP4014202	14x20x2	13.5x19.5x1.75	959	8.9
DQP4014252	14x25x2	13.5x24.5x1.75	1195	11.1

Product Code	Nominal Size	Actual Size	Flow Rate cfm	Media Sq.Feet
DQP4015202	15x20x2	14.5x19.5x1.75	1023	9.6
DQP4016162	16x16x2	15.5x15.5x1.75	910	7.7
DQP4016202	16x20x2	15.5x19.5x1.75	1082	9.6
DQP4016242	16x24x2	15.5x23.5x1.75	1311	12.7
DQP4016252	16x25x2	15.5x24.5x1.75	1377	12.0
DQP4018182	18x18x2	17.5x17.5x1.75	1106	10.8
DQP4018242	18x24x2	17.5x23.5x1.75	1475	13.3
DQP4018252	18x25x2	17.5x24.5x1.75	1524	13.9
DQP4020202	20x20x2	19.5x19.5x1.75	1377	12.6
DQP4020242	20x24x2	19.5x23.5x1.75	1637	15.1
DQP4020252	20x25x2	19.5x24.5x1.75	1721	15.7
DQP4020302	20x30x2	19.5x29.5x1.75	2048	20.0
DQP4024242	24x24x2	23.375x23.375x1.75	1967	17.8
DQP4024302	24x30x2	23.5x29.5x1.75	2458	21.6
DQP4025252	25x25x2	24.5x24.5x1.75	2124	19.4
DQP4025282	25x28x2	24.5x27.875x1.75	2360	21.3
DQP4027272	27x27x2	26.44x26.44x1.75	2488	21.9
DQP4029292	29x29x2	28.44x28.44x1.75	2871	25.2
DQP4012244	12x24x4	11.375x23.375x3.5	983	14.2
DQP4016204	16x20x4	15.5x19.5x3.5	1082	15.7
DQP4016254	16x25x4	15.5x24.5x3.5	1377	19.7
DQP4018244	18x24x4	17.5x23.5x3.5	1475	21.3
DQP4020204	20x20x4	19.5x19.5x3.5	1377	19.7
DQP4020244	20x24x4	19.5x23.5x3.5	1622	23.7
DQP4020254	20x25x4	19.5x24.5x3.5	1721	24.7
DQP4024244	24x24x4	23.375x23.375x3.5	1967	28.4
DQP4025294	25x29x4	24.5x28.5x3.5	2458	35.7

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

Performance Data DQP40 Pleated Filters	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 %	
	DQP40 - 1"	37.7	46.9	87.4	0.15	-	1.0	8	12.6	41.9	70.6
	DQP40 - 2"	38.1	49.4	89.6	-	0.252	1.0	8	16.9	46.4	70.5
	DQP40 - 4"	37.1	40.6	91.6	-	0.224	1.0	8	16.6	46.8	70.7

Characteristics	DQP40 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.
Flammability	U.L. 900, Class 2



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DQP40 Pleated Filters			
DR	JJS	Date	29 Sep 07
CK	JH	Date	29 Sep 07
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		Revision	D