



QUALITY FILTERS, INC.

THINKSIMPLE. THINKSMART. THINKQUALITY.

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Quality EQP40 Pleated Filters

Date 5 Feb 10

Dwg No.

Rev

Date 5 Feb 10

Q-110011

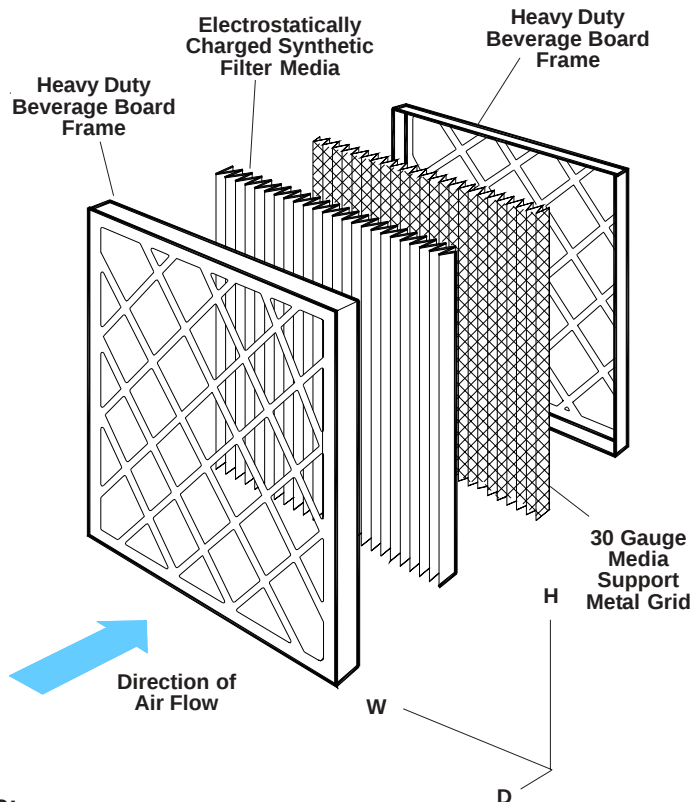
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Part Number Guide

Product Code	Nominal Size	Actual Size	Flow Rate cfm	Media Sq.Feet
EQP10101	10x10x1	9.5x9.5x.75	205	1.3
EQP10161	10x16x1*	9.75x15.5x.75	328	2.1
EQP10201	10x20x1	9.5x19.5x.75	410	2.5
EQP10241	10x24x1*	9.75x23.5x.75	492	3.2
EQP10251	10x25x1*	9.75x24.5x.75	512	3.3
EQP10301	10x30x1*	9.75x29.5x.75	615	4
EQP12121	12x12x1	11.5x11.5x.75	295	1.8
EQP12151	12x15x1*	11.5x14.5x.75	369	2.4
EQP12161	12x16x1*	11.5x15.5x.75	393	2.6
EQP12181	12x18x1*	11.75x17.5x.75	443	2.9
EQP12201	12x20x1	11.8125x19.8125x.75	492	3.1
EQP12221	12x22x1*	11.5x21.5x.75	541	3.5
EQP12241	12x24x1	11.8125x23.8125x.75	590	3.7
EQP12251	12x25x1*	11.5x24.5x.75	615	4
EQP12301	12x30x1*	11.75x29.5x.75	738	4.8
EQP12361	12x36x1	11.875x35.875x.75	885	5.8
EQP14141	14x14x1*	13.5625x13.5x.75	402	2.6
EQP14181	14x18x1*	13.5625x17.5x.75	516	3.4
EQP14201	14x20x1	13.5625x19.5625x.75	575	3.6
EQP14241	14x24x1	13.5625x23.5x.75	688	4.4
EQP14251	14x25x1	13.5625x24.5625x.75	718	4.5
EQP14301	14x30x1*	13.5x29.5x.75	860	5.6
EQP15201	15x20x1	14.5625x19.5625x.75	615	3.9
EQP15251	15x25x1*	14.5x24.5x.75	768	5
EQP15301	15x30x1*	14.5x29.5x.75	922	6
EQP16161	16x16x1	15.5x15.5x.75	524	3.4
EQP16181	16x18x1*	15.5x17.5x.75	590	3.9
EQP16201	16x20x1	15.5625x19.5625x.75	654	4.1
EQP16241	16x24x1	15.5x23.5x.75	787	5.1
EQP16251	16x25x1	15.5625x24.5625x.75	836	5.2
EQP16301	16x30x1*	15.5x29.5x.75	983	6.4
EQP16321	16x32x1	15.8125x31.8125x.75	1048	6.8
EQP18181	18x18x1	17.5x17.5x.75	664	4.3
EQP18201	18x20x1	17.5x19.5x.75	738	4.8
EQP18221	18x22x1*	17.5x21.5x.75	811	5.3
EQP18241	18x24x1	17.5x23.5x.75	885	5.6
EQP18251	18x25x1	17.5x24.5x.75	934	5.8
EQP18301	18x30x1*	17.5x29.5x.75	1106	7.2
EQP20201	20x20x1	19.5625x19.5625x.75	836	5.2
EQP20221	20x22x1	19.5625x21.5x.75	901	5.9
EQP20241	20x24x1	19.375x23.375x.75	983	6.2
EQP20251	20x25x1	19.5625x24.5625x.75	1032	6.5
EQP20301	20x30x1	19.625x29.625x.75	1229	7.9
EQP22221	22x22x1	21.9375x21.9375x.75	992	6.5
EQP24241	24x24x1	23.75x23.75x.75	1180	7.5
EQP24301	24x30x1	23.5x29.5x.75	1475	9.6
EQP25251	25x25x1	24.5x24.5x.75	1278	8.1
EQP10202	10x20x2	9.5x19.5x1.75	688	4
EQP12122	12x12x2	11.875x11.875x1.75	492	3
EQP12202	12x20x2	11.5x19.5x1.75	836	5
EQP12242	12x24x2	11.375x23.375x1.75	983	6
EQP12252	12x25x2	11.5x24.5x1.75	1032	6.3
EQP14202	14x20x2	13.5625x19.5625x1.75	959	6
EQP14252	14x25x2	13.5625x24.5625x1.75	1195	7.5
EQP15202	15x20x2	14.5625x19.5625x1.75	1023	6.5
EQP16162	16x16x2	15.5x15.5x1.75	875	5.4
EQP16202	16x20x2	15.625x19.625x1.75	1082	6.5
EQP16242	16x24x2	15.5x23.5x1.75	1311	8.6
EQP16252	16x25x2	15.625x24.625x1.75	1377	8.1
EQP18182	18x18x2	17.5x17.5x1.75	1106	7.3
EQP18202	18x20x2*	17.5x19.5x1.75	1229	7.6
EQP18242	18x24x2	17.5x23.5x1.75	1475	9
EQP18252	18x25x2	17.5x24.5x1.75	1524	9.4
EQP20202	20x20x2	19.625x19.625x1.75	1377	8.5
EQP20242	20x24x2	19.375x23.375x1.75	1637	10.2
EQP20252	20x25x2	19.625x24.625x1.75	1721	10.6
EQP20302	20x30x2	19.5x29.5x1.75	2048	13.5
EQP22222	22x22x2	21.9375x21.9375x1.75	1654	10.2
EQP24242	24x24x2	23.75x23.75x1.75	1967	12
EQP24302	24x30x2	23.5x29.5x1.75	2458	14.5
EQP25252	25x25x2	24.5x24.5x1.75	2124	13.1
EQP25282	25x28x2	24.5x27.5x1.75	2360	14.4
EQP12244	12x24x4	11.4375x23.4375x3.5	983	9.5
EQP16204	16x20x4	15.625x19.625x3.5	1082	10.5
EQP16254	16x25x4	15.625x24.625x3.5	1377	13.6
EQP18244	18x24x4	17.625x23.625x3.5	1475	14.2
EQP20204	20x20x4	19.625x19.625x3.5	1377	12.8
EQP20244	20x24x4	19.4375x23.4375x3.5	1622	15.4
EQP20254	20x25x4	19.625x24.625x3.5	1721	16
EQP24244	24x24x4	23.375x23.375x3.5	1967	18.9
EQP25294	25x29x4	24.625x28.625x3.5	2458	24.3

Pleats per linear foot 1" depth = 14, 2" depth = 10, 4" depth = 8.

* Made as single cut non standard at standard price



Notes:

EQP40 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.

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 %
EQP40 - 1"	30.0	45.6	89.0	0.172 -	1.0	8*			
EQP40 - 2"	36.3	47.0	87.9	- 0.272	1.0	8	17.1	47	70.3
EQP40 - 4"	35.2	38.7	93.0	- 0.231	1.0	8*			

* Minimum performance expectation - Test data pending

Characteristics

EQP40 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