



QUALITYFILTERS, INC.

THINKSIMPLE. THINKSMART. THINKQUALITY.

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Quality GQP Pleated Filters

Date 5 Feb 10

Dwg No.

Rev

Date 5 Feb 10

Q-110039

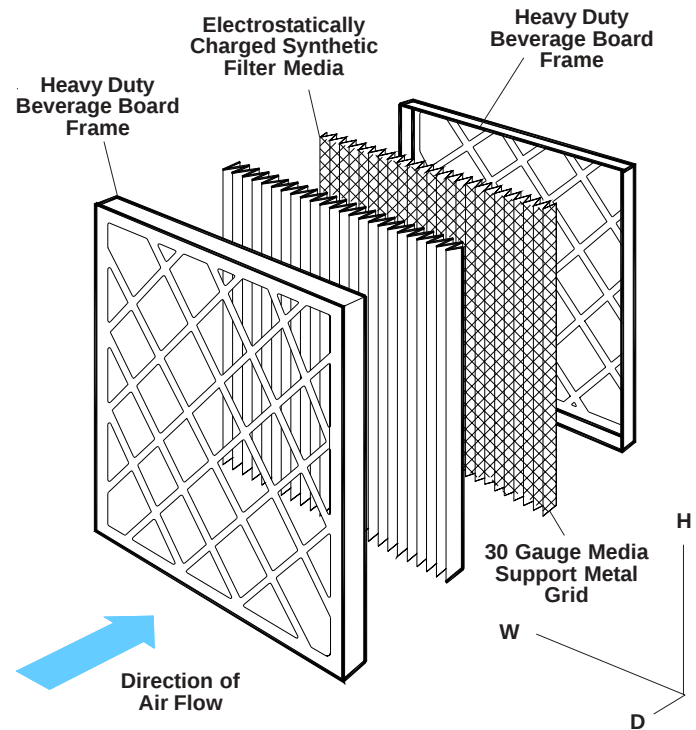
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Part Number Guide

Product Code	Nominal Size	Actual Size	Flow Rate cfm	Media Sq. Feet
GQP10101	10x10x1*	9.5x9.5x.75	205	1.7
GQP10161	10x16x1*	9.75x15.5x.75	328	2.8
GQP10201	10x20x1	9.5x19.5x.75	410	3.4
GQP10241	10x24x1*	9.75x23.5x.75	492	4.1
GQP10251	10x25x1*	9.75x24.5x.75	512	4.3
GQP10301	10x30x1*	9.75x29.5x.75	615	5.2
GQP12121	12x12x1*	11.5x11.5x.75	295	2.5
GQP12151	12x15x1*	11.5x14.5x.75	369	3.1
GQP12161	12x16x1*	11.5x15.5x.75	393	3.3
GQP12181	12x18x1*	11.75x17.5x.75	443	3.7
GQP12201	12x20x1	11.8125x19.8125x.75	492	4.1
GQP12221	12x22x1*	11.5x21.5x.75	541	4.5
GQP12241	12x24x1	11.8125x23.8125x.75	590	4.8
GQP12251	12x25x1*	11.5x24.5x.75	615	5.1
GQP12301	12x30x1*	11.75x29.5x.75	738	6.2
GQP14141	14x14x1*	13.5625x13.5x.75	402	3.4
GQP14181	14x18x1*	13.5625x17.5x.75	516	4.2
GQP14201	14x20x1	13.5625x19.5625x.75	575	4.6
GQP14241	14x24x1	13.5625x23.5x.75	688	5.8
GQP14251	14x25x1	13.5625x24.5625x.75	718	5.9
GQP14301	14x30x1*	13.5x29.5x.75	860	7.2
GQP15201	15x20x1	14.5625x19.5625x.75	615	5
GQP15251	15x25x1*	14.5x24.5x.75	768	6.4
GQP15301	15x30x1*	14.5x29.5x.75	922	7.7
GQP16161	16x16x1	15.5x15.5x.75	524	4.4
GQP16181	16x18x1*	15.5x17.5x.75	590	5
GQP16201	16x20x1	15.5625x19.5625x.75	654	5.3
GQP16241	16x24x1	15.5x23.5x.75	787	6.5
GQP16251	16x25x1	15.5625x24.5625x.75	836	6.6
GQP16301	16x30x1*	15.5x29.5x.75	983	8.3
GQP16321	16x32x1	15.8125x31.8125x.75	1048	8.8
GQP18181	18x18x1*	17.5x17.5x.75	664	5.6
GQP18201	18x20x1	17.5x19.5x.75	738	6.2
GQP18221	18x22x1*	17.5x21.5x.75	811	6.8
GQP18241	18x24x1	17.5x23.5x.75	885	7.2
GQP18251	18x25x1	17.5x24.5x.75	934	7.5
GQP18301	18x30x1*	17.5x29.5x.75	1106	9.3
GQP20201	20x20x1	19.5625x19.5625x.75	836	6.6
GQP20221	20x22x1*	19.5625x21.5x.75	901	7.6
GQP20241	20x24x1	19.375x23.375x.75	983	8
GQP20251	20x25x1	19.5625x24.5625x.75	1032	8.3
GQP20301	20x30x1	19.625x29.625x.75	1229	10.1
GQP24241	24x24x1	23.375x23.375x.75	1180	9.6
GQP24301	24x30x1	23.5x29.5x.75	1475	9.9
GQP25251	25x25x1	24.5x24.5x.75	1278	10.4
GQP10202	10x20x2	9.5x19.5x1.75	688	5.9
GQP12122	12x12x2*	11.875x11.875x2	492	4.6
GQP12202	12x20x2	11.5x19.5x1.75	836	7.4
GQP12242	12x24x2	11.375x23.375x1.75	983	8.9
GQP12252	12x25x2	11.5x24.5x1.75	1032	9.3
GQP14202	14x20x2	13.5625x19.5625x1.75	959	8.9
GQP14252	14x25x2	13.5625x24.5625x1.75	1195	11.1
GQP15202	15x20x2	14.5625x19.5625x1.75	1023	9.6
GQP16162	16x16x2	15.5x15.5x1.75	875	8.1
GQP16202	16x20x2	15.625x19.625x1.75	1082	9.7
GQP16242	16x24x2	15.5x23.5x1.75	1311	12.7
GQP16252	16x25x2	15.625x24.625x1.75	1377	12
GQP18182	18x18x2	17.5x17.5x1.75	1106	10.6
GQP18202	18x20x2*	17.5x19.5x1.75	1229	11.4
GQP18242	18x24x2	17.5x23.5x1.75	1475	13.7
GQP18252	18x25x2	17.5x24.5x1.75	1524	13.9
GQP20202	20x20x2	19.625x19.625x1.75	1377	12.6
GQP20242	20x24x2	19.375x23.375x1.75	1637	15.1
GQP20252	20x25x2	19.625x24.625x1.75	1721	15.7
GQP20302	20x30x2	19.5x29.5x1.75	2048	20
GQP24242	24x24x2	23.375x23.375x1.75	1967	17.8
GQP24302	24x30x2	23.5x29.5x1.75	2458	21.6
GQP25252	25x25x2	24.5x24.5x1.75	2124	19.4
GQP25282	25x28x2	24.5x27.5x1.75	2360	21
GQP12244	12x24x4	11.4375x23.4375x3.5	983	14.2
GQP16204	16x20x4	15.625x19.625x3.5	1082	15.7
GQP16254	16x25x4	15.625x24.625x3.5	1377	19.7
GQP18244	18x24x4	17.625x23.625x3.5	1475	21.3
GQP20204	20x20x4	19.625x19.625x3.5	1377	19.7
GQP20244	20x24x4	19.4375x23.4375x3.5	1622	23.7
GQP20254	20x25x4	19.625x24.625x3.5	1721	24.7
GQP24244	24x24x4	23.375x23.375x3.5	1967	28.4
GQP25294	25x29x4	24.625x28.625x3.5	2458	35.7

Pleats per linear foot 1" depth = 18, 2" depth = 15, 4" depth = 11.

* Made as single cut non standard at standard price.



Notes:

GQP "Green" Quality Pleats are ideally suited for the Green Building Council's latest LEED MERV 13 Indoor Air Quality requirements for occupant health. GQP's have the added benefit of low initial cost and don't require any retrofitting to the HVAC system. The GQP 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 ultra low pressure drop ensures lower ongoing costs though energy savings.

The controlled pleat spacing maximizes surface area and dust holding capacity and is bonded to the enclosure frame to prevent dust bypass. The high dustloading prolongs filter life, thus reducing labor and landfill costs.

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.

Performance Data - GQP 24" x 24"

Product Code	Initial Resistance "w.g. @ Rated Flow See Chart	Final Resistance "w.g.	ASHRAE 52.2 - 1999			
			MERV Value	E1 %	E2 %	E3 %
GQP - 1"	0.26	1.0	13	46	91	96
GQP - 2"	0.389	1.4	13	57.6	90.3	98.6
GQP - 4"	0.311	1.4	13	57.2	90.2	98.9

Characteristics

GQP 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