

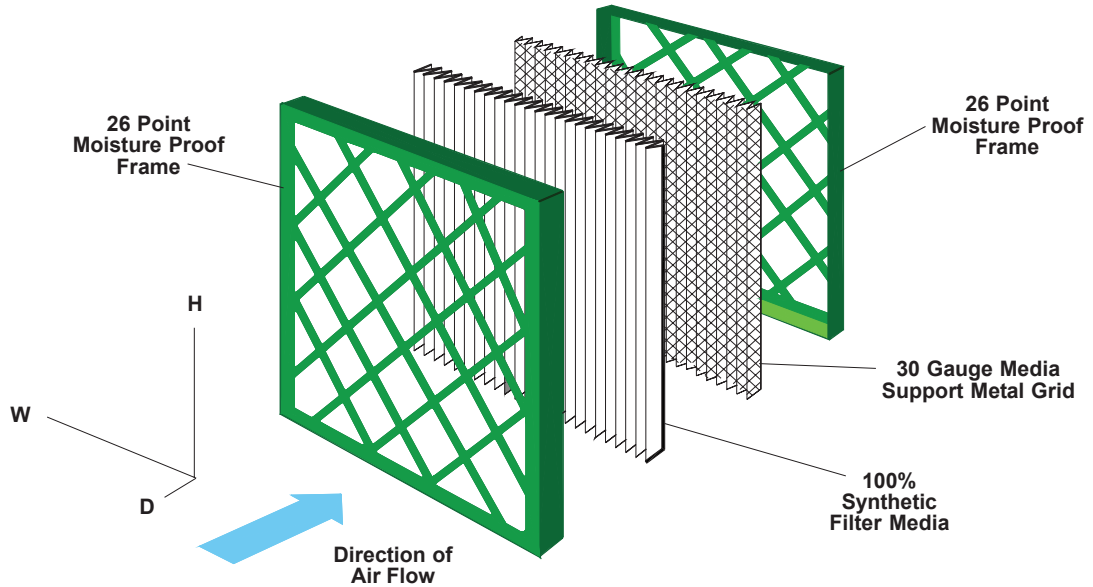
# QUALITY FILTERS, INC.

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<b>Quality BRUTUS Pleated Filters</b>		
Date 28 Jan 11	Dwg No. <b>Q-110042</b>	Rev <b>C</b>
Date 28 Jan 11		



### Part Number Guide

Product Code	Nominal Size w x h x d	Actual Size w x h x d	Flow Rate cfm	Media Sq. Feet
BRUTUS12241	12x24x1	11.375X23.375X.75	590	3.7
BRUTUS14241	14x20x1	13.5X19.5X.75	575	3.6
BRUTUS14251	14x25x1	13.5X24.5X.75	718	4.5
BRUTUS16201	16x20x1	15.5x19.5x.75	654	4.1
BRUTUS16241	16x24x1	15.5x23.5x.75	787	5.1
BRUTUS16251	16x25x1	15.5x24.5x.75	836	5.2
BRUTUS18241	18x24x1	17.5x23.5x.75	885	5.6
BRUTUS20201	20x20x1	19.5x19.5x.75	836	5.2
BRUTUS20241	20x24x1	19.5x23.5x.75	983	6.2
BRUTUS20251	20x25x1	19.5x24.5x.75	1032	6.5
BRUTUS20301	20x30x1	19.5x29.5x.75	1229	7.9
BRUTUS24241	24x24x1	23.75x23.75x.75	1180	7.5
BRUTUS24301	24x30x1	23.5x29.5x.75	1475	9.6
BRUTUS25251	25x25x1	24.5x24.5x.75	1278	8.1
BRUTUS12242	12x24x2	11.375X23.375X1.75	983	6
BRUTUS16202	16x20x2	15.5x19.5x1.75	1082	6.5
BRUTUS16242	16x24x2	15.5x23.5x1.75	1311	8.6
BRUTUS16252	16x25x2	15.5x24.5x1.75	1377	8.1
BRUTUS18242	18x24x2	17.5x23.5x1.75	1475	9
BRUTUS20202	20x20x2	19.5x19.5x1.75	1377	8.5
BRUTUS20242	20x24x2	19.5x23.5x1.75	1637	10.2
BRUTUS20252	20x25x2	19.5x24.5x1.75	1721	10.6
BRUTUS20302	20x30x2	19.5x29.5x1.75	2048	13.5
BRUTUS24242	24x24x2	23.3875x23.3875x1.75	1967	12
BRUTUS12244	12x24x4	11.375x23.375x3.625	983	9.5
BRUTUS16204	16x20x4	15.5x19.5x3.625	1082	10.5
BRUTUS16254	16x25x4	15.5x24.5x3.625	1377	13.6
BRUTUS18244	18x24x4	17.5x23.5x3.625	1475	14.2
BRUTUS20204	20x20x4	19.5x19.5x3.625	1377	12.8
BRUTUS20244	20x24x4	19.5x23.5x3.625	1622	15.4
BRUTUS20254	20x25x4	19.5x24.5x3.625	1721	16
BRUTUS24244	24x24x4	23.375x23.375x3.625	1967	18.9

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

### Notes:

BRUTUS Pleated Filters are available in 1", 2" and 4" depth. The 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 26 point moisture proof 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

Product Code	Initial Resistance " w.g. @ Rated Flow See Chart	Final Resistance " w.g.	ASHRAE 52.2 - 1999			
			MERV Value	E1 %	E2 %	E3 %
BRUTUS - 1"	0.16	1.00	8	7	49	80
BRUTUS - 2"	0.20	1.50	8	11	51	76
BRUTUS - 4"	0.15	1.50	8	7	44	79

### Characteristics BRUTUS Pleated Filters

<b>Filter Media</b>	100% synthetic gradient media
<b>Filter Support Grid</b>	30 gauge galvanized expanded metal grid
<b>Frame</b>	Moisture proof beverage board
<b>Assembly Technique</b>	Media pack totally bonded to frame
<b>Max. Temperature</b>	180°F (82°C) continuous service, Peaks 225°F (107°C)
<b>Max. Humidity</b>	Resistant to 100% R.H.
<b>Flammability</b>	U.L. 900, Class 2