



QUALITYFILTERS, INC.

THINKSIMPLE. THINKSMART. THINKQUALITY.

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Quality Filters QualityFlow Extreme MERV 13 & 14

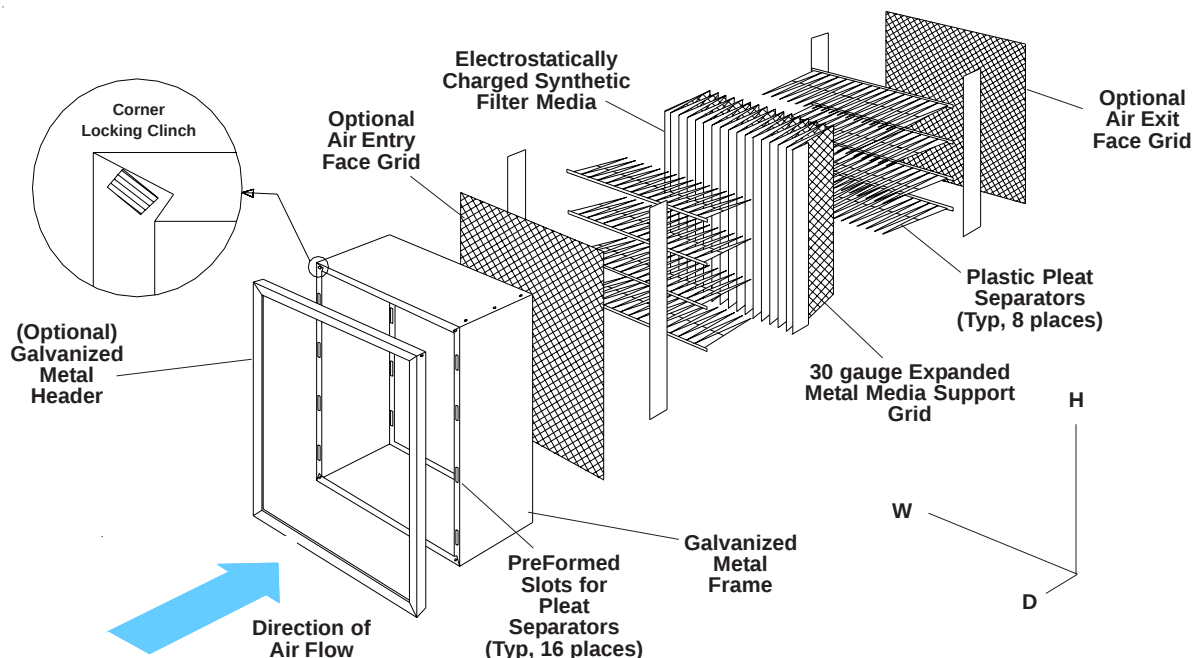
Date 14 Jun 10
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Dwg No.

Q-110037

Rev

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Notes:

QualityFlow Extreme rigid filters are designed to handle high airflow and provide low pressure drop. The QualityFlow media stands up to turbulence and abrasion that typical medias cannot withstand. QualityFlow media also provides 50% lower pressure drop than standard rigid box filters to relieve strain on motors and reduce energy costs, while providing twice the dust holding of standard rigid box filters. QualityFlow Extreme rigid filters are available in MERV 13 and 14 ratings per ASHRAE 52.2.

Part Number Guide

Product Code**	Description	Nominal Dimensions w x h x d	Actual Dimensions w x h x d	Sq Feet Media
QCNQF13122412	MERV 13	12" x 24" x 12"	11.375" x 23.375" x 11.5"	29
QCNQF13202412	MERV 13	20" x 24" x 12"	19.375" x 23.375" x 11.5"	48
QCNQF13242412	MERV 13	24" x 24" x 12"	23.375" x 23.375" x 11.5"	58
QCHQF13122412	MERV 13 w/Hdr	12" x 24" x 12"	11.375" x 23.375" x 11.5"	25
QCHQF13202412	MERV 13 w/Hdr	20" x 24" x 12"	19.375" x 23.375" x 11.5"	44
QCHQF13242412	MERV 13 w/Hdr	24" x 24" x 12"	23.375" x 23.375" x 11.5"	52
QCNQF14122412	MERV 14	12" x 24" x 12"	11.375" x 23.375" x 11.5"	29
QCNQF14202412	MERV 14	20" x 24" x 12"	19.375" x 23.375" x 11.5"	48
QCNQF14242412	MERV 14	24" x 24" x 12"	23.375" x 23.375" x 11.5"	58
QCHQF14122412	MERV 14 w/Hdr	12" x 24" x 12"	11.375" x 23.375" x 11.5"	25
QCHQF14202412	MERV 14 w/Hdr	20" x 24" x 12"	19.375" x 23.375" x 11.5"	44
QCHQF14242412	MERV 14 w/Hdr	24" x 24" x 12"	23.375" x 23.375" x 11.5"	52

Performance Data - QualityFlow Extreme*

Product Code	ASHRAE 52.2 - 1999					
	MERV Value	E1 %	E2 %	E3 %	Initial Resistance "w.g."	Final Resistance "w.g."
					@ 492 fpm	@ 492 fpm
QCNQF13242412	13	62.7	90.3	99.3	0.172	1.400
QCNQF14242412	14	77.5	94.8	99.4	0.266	1.400

* No header, for headered version, add 10%.

Characteristics	QualityFlow Extreme Rigid Filters
Filter Media - Particulate	100% synthetic gradient media, electrostatically charged
Filter Media - Odor Ban	Fine carbon powder bonded to lofted polyester media
Media Support Grid	30 gauge expanded metal media support grid
Pleat Separators	Plastic pleat separators
Frame	26 gauge galvanized metal frame
Assembly Technique	Media pack totally bonded to frame - Plastic media separators bonded to preformed slots
Max. Temperature	150°F (65°C) continuous service, Peaks 200°F (93°C)
Max. Humidity	Resistant to 100% R.H.