

Notes:
 QualityFlow Cells 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 Cells are available in MERV 13 and 14 ratings per ASHRAE 52.2.

Performance Data - QualityFlow Cell


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

Part Number Guide

Product Code**	Description	Nominal Dimensions	Actual Dimensions	Sq Feet Media
QCNQF1312246	MERV 13	12" x 24" x 6"	11.375" x 23.375" x 5.5"	15
QCNQF1320246	MERV 13	20" x 24" x 6"	19.375" x 23.375" x 5.5"	24
QCNQF1324246	MERV 13	24" x 24" x 6"	23.375" x 23.375" x 5.5"	29
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
QCHQF1312246	MERV 13 w/Header	12" x 24" x 6"	11.375" x 23.375" x 5.5"	13
QCHQF1320246	MERV 13 w/Header	20" x 24" x 6"	19.375" x 23.375" x 5.5"	22
QCHQF1324246	MERV 13 w/Header	24" x 24" x 6"	23.375" x 23.375" x 5.5"	27
QCHQF13122412	MERV 13 w/Header	12" x 24" x 12"	11.375" x 23.375" x 11.5"	25
QCHQF13202412	MERV 13 w/Header	20" x 24" x 12"	19.375" x 23.375" x 11.5"	44
QCHQF13242412	MERV 13 w/Header	24" x 24" x 12"	23.375" x 23.375" x 11.5"	52
QCNQF1412246	MERV 14	12" x 24" x 6"	11.375" x 23.375" x 5.5"	15
QCNQF1420246	MERV 14	20" x 24" x 6"	19.375" x 23.375" x 5.5"	24
QCNQF1424246	MERV 14	24" x 24" x 6"	23.375" x 23.375" x 5.5"	29
QCNQF14122412	MERV 14	24" 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
QCHQF1412246	MERV 14 w/Header	12" x 24" x 6"	11.375" x 23.375" x 5.5"	13
QCHQF1420246	MERV 14 w/Header	20" x 24" x 6"	19.375" x 23.375" x 5.5"	22
QCHQF1424246	MERV 14 w/Header	24" x 24" x 6"	23.375" x 23.375" x 5.5"	27
QCHQF14122412	MERV 14 w/Header	24" x 24" x 12"	11.375" x 23.375" x 11.5"	25
QCHQF14202412	MERV 14 w/Header	20" x 24" x 12"	19.375" x 23.375" x 11.5"	44
QCHQF14242412	MERV 14 w/Header	24" x 24" x 12"	23.375" x 23.375" x 11.5"	52

**For additional options, see current price list.
 *Trade names and company names are used for identification purposes only.

Characteristics	QualityFlow Cell Pleated Filters
Filter Media - Particulate	100% synthetic gradient media, electrostatically charged
Media Support Grid	30 gauge expanded metal media support grid
Pleat Separators	Poly pleat separators
Frame	26 gauge galvanized metal frame
Assembly Technique	Media pack totally bonded to frame - poly 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.



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 THINKSIMPLE. THINKSMART. THINKQUALITY.

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Quality Filters
QualityFlow Cell MERV 13 & 14

DR JJS	Date 16 Nov 07	Dwg No. Q-110037	Revision A
CK JH	Date 16 Nov 07		