

**Notes:**  
 QualityFlow 2" and 4" are designed to handle high airflow and provide low pressure drop. QualityFlow 2" and 4" filters utilize a durable frame and media that stand up to turbulence and abrasion that typical medias cannot withstand. QualityFlow media also provides lower pressure drop than standard mini pleat filters to relieve strain on motors, which reduces energy costs, while providing high dust holding and long filter life. QualityFlow 2" and 4" are available in MERV 13 and 14 ratings per ASHRAE 52.2.

**Performance Data - QualityFlow MERV 13 & MERV 14**


Product Code	ASHRAE 52.2 - 1999				Initial Resistance "w.g." @ 1968 cfm	Final Resistance "w.g." @ 1968 cfm
	MERV Value	E1 %	E2 %	E3 %		
	QF1324244	13	60.1	90.8	99.1	0.323
QF1424244	14	75.2	95.5	99.2	0.457	1.400

**Part Number Guide**

Product Code	Description	Nominal Dimensions	Actual Frame Dimensions w/o Gasketing	Sq Ft Media
QF1412244	MERV 14	12" x 24" x 4"	11.375" x 23.375" x 3.75"	20
QF1420244	MERV 14	20" x 24" x 4"	19.375" x 23.375" x 3.75"	33
QF1424244	MERV 14	24" x 24" x 4"	23.375" x 23.375" x 3.75"	40
QFH1412244	MERV 14 w/Header	12" x 24" x 4"	11.375" x 23.375" x 3.75"	17
QFH1420244	MERV 14 w/Header	20" x 24" x 4"	11.375" x 23.375" x 3.75"	25
QFH1424244	MERV 14 w/Header	24" x 24" x 4"	19.375" x 23.375" x 3.75"	35
QF1312242	MERV 13	12" x 24" x 2"	11.375" x 23.375" x 1.75"	8
QF1320242	MERV 13	20" x 24" x 2"	19.375" x 23.375" x 1.75"	14
QF1324242	MERV 13	24" x 24" x 2"	23.375" x 23.375" x 1.75"	17
QF1312244	MERV 13	12" x 24" x 4"	11.375" x 23.375" x 3.75"	20
QF1320244	MERV 13	20" x 24" x 4"	19.375" x 23.375" x 3.75"	33
QF1324244	MERV 13	24" x 24" x 4"	23.375" x 23.375" x 3.75"	40
QFH1312244	MERV 13 w/Header	12" x 24" x 4"	11.375" x 23.375" x 3.75"	17
QFH1320244	MERV 13 w/Header	20" x 24" x 4"	19.375" x 23.375" x 3.75"	25
QFH1324244	MERV 13 w/Header	24" x 24" x 4"	23.375" x 23.375" x 3.75"	35

\*Trade names and company names are used for identification purposes only.

Characteristics	QualityFlow 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	30 gauge galvanized expanded 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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Quality Filters QualityFlow MERV 13 & MERV 14			
DR JJS	Date 29 Sep 07	Dwg No.	<b>Q-110034</b>
CK JH	Date 29 Sep 07		Revision