

Filter Efficiency Guide

(1) Arrestance	(1) Efficiency	(2) MERV	(3) European Efficiency Class	Filter Type	Flanders- Corporation Product Selection
60-80%	Less Than 20%	MERV 1-4	G1, G2	Disposable Panel Filter	EZ Flow, EZ Flow II, HD Industrial Grade Modified Channel Frame, Pinch Frame Kwik Kut, Hammock, Permaire Service Rolls, Pads
80-90%	Less Than 20%	MERV 5	G3	Disposable Panel Filters	HD Industrial Grade, Modified Channel Frame
				Ring Panel Filters	Series ST55, Series 225T, Series 325T, Series 425T
				Synthetic Media	5DT,1DT, 2DT, Pre-T Model, Scrimback PSF PSF55, PSF225, PSF325, PSF425
				Automatic Roll Filter Media	Scrim-back Glass, Skin-back Glass, Economy Glass, Polyester /Treated Poly Media
90-95%	20-30%	MERV 6	G4	Cube Filters	Series ST55, Series 225T Series 325T, Series 425T
95%	25-30%	MERV 6-7	G4	Extended Surface Pocket Filters Pleated Panel Filters	PrecisionPak, Swiss Aire, PrecisionPak XDH Economy Pleat
95-98%	30-40%	MERV 7-8	G4	Pleated Panel Filters	Economy Pleat, Pre Pleat 40, FCP Carbon Pleat
				Extended Surface Pocket Filters	PrecisionPak, Swiss Aire, PrecisionPak XDH
				Extended Surface Rigid Cell Filters	Rigid Air, Super-Flow Q, Super-Flow V, PrecisionCell, PrecisionCell II, PrecisionCell M PrecisionCell MSH
98%	40-50%	MERV 8-9	F5	Extended Surface Pocket Filters	PrecisionPak, Swiss Aire, PrecisionPak XDH
99%	50-60%	MERV 9-10	F5	Extended Surface Pocket Filters	PrecisionPak, Swiss Aire, PrecisionPak XDH
				Extended Surface Rigid Cell Filters, Rigid Air, Super-Flow Q, Super-Flow V PrecisionCell, PrecisionCell II, PrecisionCell M, PrecisionCell MSH	
99%	60-70%	MERV 10-11	F6	Pleated Panel Filters	Pre Pleat 62RM11
				Extended Surface Pocket Filters	PrecisionPak, Swiss Aire, PrecisionPak XDH
				Extended Surface Rigid Cell Filters	Rigid Air, Super-Flow Q, Super-Flow V PrecisionCell, PrecisionCell II, PrecisionCell M PrecisionCell MSH, PrecisionCell M16, PrecisionCell HT, PrecisionCell GT Super-Flow VC, Vapor Clean
99%	70-80%	MERV 12-13	F6	Extended Surface Pocket Filters	PrecisionPak, Swiss Aire, PrecisionPak XDH
99%	80-90%	MERV 13-14	F7	Extended Surface Pocket Filters	PrecisionPak, Swiss Aire, PrecisionPak XDH
				Extended Surface Rigid Cell Filters	Rigid Air, Super-Flow Q, Super-Flow V PrecisionCell, PrecisionCell II, PrecisionCell M PrecisionCell MSH, PrecisionCell M16 PrecisionCell HT, PrecisionCell GT, Super-Flow VC, Vapor Clean
99%	90-95%	MERV 14-15	F8	Extended Surface Pocket Filters	PrecisionPak, Swiss Aire, PrecisionPak XDH
				Extended Surface Rigid Cell Filters	Rigid Air, Super-Flow Q, Super-Flow V, PrecisionCell, PrecisionCell II, PrecisionCell M, PrecisionCell MSH, PrecisionCell M16, PrecisionCell HT, PrecisionCell GT Super-Flow VC, Vapor Clean
N/A	95% DOP	MERV 16	H11	Extended Surface Rigid Cell Filters	Alpha 95, PrecisionCell M16
N/A	99.97%	N/A	U13-14	HEPA/ULPA Filters	Alpha-Cell E, Alpha Cell, Alpha 2000, Alpha HT
	99.99%		U15		Super-Flow 24, Alpha Cell, Alpha 2000, Alpha HT, TH Series
	99.999%				Alpha Cell, Alpha 2000, Alpha HT, Dimple Pleat, TH Series
	99.9995%				Alpha Cell, Alpha 2000, Alpha HT, TH Series, Dimple Pleat
	99.99999%				TH Series, Dimple Pleat

- (1) Arrestance and Dust Spot Efficiency ratings are based on the ASHRAE 52.1 - 1992 test method.
 (2) Minimum Efficiency Reporting Value (MERV) ratings are based on the ASHRAE 52.2 test method.
 (3) European Efficiency Classes are based on European Standards EN 779 and EN 1882.



Flanders Corporation reserves the right to revise product specifications without notice.