

# FILTER EFFICIENCY SELECTION

(1) Arrestance	(1) Efficiency	(2) MERV Rating	(3) European Efficiency Class	Filter Type	Airguard Product Selection
60 - 80%	Less Than 20%	MERV 1 - 4	G1, G2	Disposable Panel Filters Permanent Metal Filters Fiberglass Media Latex Coated Natural Fiber Media Foam Media Automatic Roll Filter Media	Facet™ Disposables Types HS, HD Standard Grade Permalast® Foam Media Types CF, DSF
80 - 90%	Less Than 20%	MERV 5	G3	Disposable Panel Filters Ring Panel Filters Synthetic Media Automatic Roll Filter Media	Tri-Plex 85® Series N, Series 55, Bio-Pure® StreamLine™ Polyester Media Types YTS, SHP, DMC, DL-1, DL-2
90 - 95%	20 - 30%	MERV 6	G4	Cube Filters Self-Supported Pocket Filters	Uni-Cube™ VA-420
90 - 95%	25 - 30%	MERV 6 - 7	G4	Ring Panel Filters Pleated Panel Filters  Cube Filters	TRI-90® (MERV-8) DP-40®, DP-40 Max, DPGT, SC, DP4-SA Bio-Pure Tri-Ply®
95%	30 - 40%	MERV 7 - 8	G4	Self-Supported Pocket Filters Pleated Panel Filters	VA-440, SynPak DP 8 (MERV-8) PowerGuard™ (MERV-11), DP Class 1, DPHT
95 - 98%	40 - 50%	MERV 8 - 9	F5	Extended Surface Pocket Filters	Venti-Pak® V-4, Clean-Pak™ CP-4
98%	50 - 60%	MERV 9 - 10	F5	Extended Surface Pocket Filters Extended Surface Rigid Cell Filters	Venti-Pak V-5, Clean-Pak CP-5 Vari-Pak, Vari-Pak Model S
99%	60 - 70%	MERV 10 - 11	F6	Extended Surface Pocket Filters  Extended Surface Rigid Cell Filters	Clean-Pak CP-6, Venti-Pak V-6 Bio-Pure Variflow®, Variflow SC, Variflow Compact Series, Variflow II, Variflow II-M, Variflow II-MC, Vari+Plus®, Vari-Pak®, Vari-Pak Model S, Bio-Pure
99%	70 - 80%	MERV 12 - 13	F6	Extended Surface Pocket Filters	Multi-Guard® MG-7
99%	80 - 90%	MERV 13 - 14	F7	Extended Surface Pocket Filters  Extended Surface Rigid Cell Filters	Clean-Pak CP-8, Venti-Pak V-8 Multi-Guard MG-8, Bio-Pure Variflow, Variflow SC, Variflow Compact Series, Variflow II, Vari+Plus, Vari-Pak, Vari-Pak Model S, Bio-Pure
99%	90 - 95%	MERV 14 - 15	F8	Extended Surface Pocket Filters  Extended Surface Rigid Cell Filters	Clean-Pak CP-9, Multi-Guard MG-9 Venti-Pak V-9, Bio-Pure Variflow, Variflow SC, Variflow Compact Series, Variflow II, Variflow II-M, Variflow II-MC, Vari+Plus, Vari-Pak, Vari-Pak Model S, Bio-Pure
NA	95% DOP	MERV 16	H11	Extended Surface Rigid Cell Filters	Microguard® 95
NA	99.97% 99.99% 99.999% 99.9995%	NA	U13-14 U15	HEPA/ULPA Filters	Microguard 99, MicroPleat™

(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.



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