

Variflow Product Information

(1,2) NOMINAL SIZE (INCHES) (W x H x D)	(3) AIR FLOW CAPACITY (CFM) @ 500 FPM - 12" @ 250 FPM - 6"	(4) RATED INITIAL RESISTANCE (IN. W.G.) @ 500 FPM - 12" @ 250 FPM - 6"			RECOMMENDED FINAL RESISTANCE (IN. W.G.)	MEDIA AREA (SQ. FT.)	
		90 - 95% MERV 14	80 - 85% MERV 13	60 - 65% MERV 11		VMA VFA	VMB / VFB VMC / VFC
		24 x 24 x 12	2000	.65		.55	.40
20 x 25 x 12	1750	.65	.55	.40	1.5	124	106
20 x 24 x 12	1650	.65	.55	.40	1.5	119	102
20 x 20 x 12	1400	.65	.55	.40	1.5	99	83
18 x 24 x 12	1500	.65	.55	.40	1.5	106	89
16 x 25 x 12	1400	.65	.55	.40	1.5	97	81
16 x 20 x 12	1100	.65	.55	.40	1.5	77	63
12 x 24 x 12	1000	.65	.55	.40	1.5	70	56
24 x 24 x 6	1000	.38	.35	.20	1.5	64	56
20 x 25 x 6	875	.38	.35	.20	1.5	56	48
20 x 24 x 6	825	.38	.35	.20	1.5	54	46
20 x 20 x 6	700	.38	.35	.20	1.5	45	37
18 x 24 x 6	750	.38	.35	.20	1.5	48	40
16 x 25 x 6	700	.38	.35	.20	1.5	41	37
16 x 20 x 6	550	.38	.35	.20	1.5	35	28
12 x 24 x 6	500	.38	.35	.20	1.5	31	25

1. Actual face dimensions are 5/8" less than nominal (24" x 24" is 23-3/8" x 23-3/8"). Actual depth 6" is 5-7/8"; 12" is 11-1/2".

2. Width and height dimensions are interchangeable. Variflow filters can be installed with the pleats either vertical or horizontal. Vertical is preferred.

3. Filters can be operated up to 125% of rated filter face velocity.

4. All performance data is based on the ASHRAE 52.1 and 52.2 test methods. Performance tolerances conform to section 7.4 of ARI Standard 850-93.

Underwriters Laboratories, Inc. Classification

Variflow filters made with all metal construction (VMA, VMB, VMC) are classified U.L. Class 1.

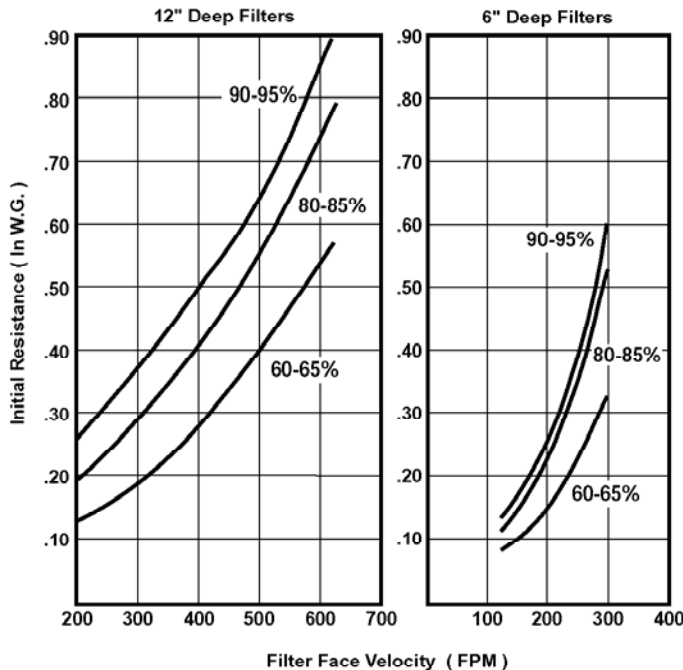
Particle board Variflow filters (VFA, VFB, VFC) are classified U.L. Class 2.

Operating Temperature Limits (Continuous)

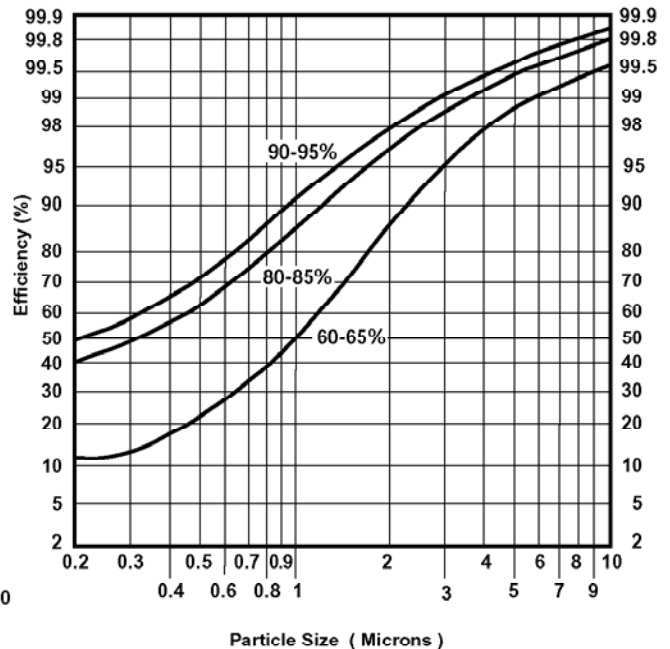
Metal Construction - 350°F (177°C)

Wood Construction - 200°F (93°C)

Initial Resistance vs. Filter Face Velocity



Efficiency by Particle Size



CLARCOR Air Filtration Products

P.O. BOX 32578, LOUISVILLE, KENTUCKY 40232-2578

1-800-999-3458

FAX (502) 961-0930

Visit our Web Site - www.airguard.com

E-Mail Address - mailbag@airguard.com