AIRGUARD

a CLARCOR company

Innovative Clean Air Solutions

VARI+PLUS® VP

High Capacity Extended Surface Mini-Pleat Filters

Featuring:
Dura-Tuff™
100% Synthetic Media
It's just plain tough

- **All Plastic Construction**
- **Highly Durable 100% Synthetic Media**
- **Fully Incinerateable**
- **Moisture and Chemical Resistant**
- **Low Resistance**

AIRGUARD
ISO-9001
QUALITY SYSTEM

UL CERTIFICATE
A4915

VARI+PLUS® VP   Technical Data

Three Efficiencies - 90-95% (MERV 15), 80-85% (MERV 13), 60-65% (MERV 11)

All Plastic Construction - No metal components. Moisture, corrosion and chemical resistant. Light weight
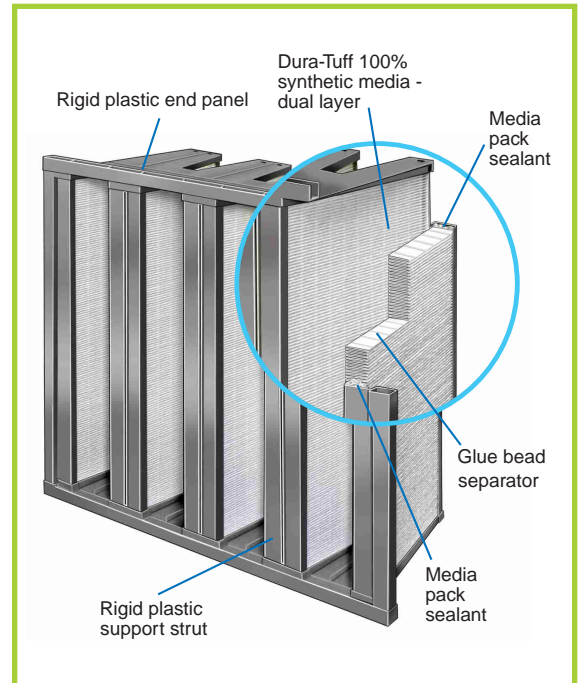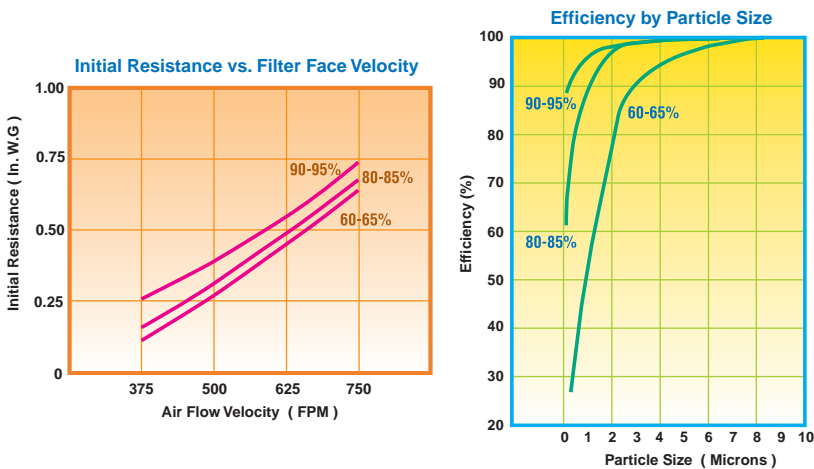
Dura-Tuff™ 100% Synthetic Media - Extremely durable. Resists tearing, abrasion. Damage resistant. High dust holding capacity.

Fully Incinerateable - Enhances disposal. Assists with implementation of ISO 14001 Environmental Management System.

Rigid Cell Design - Ideal for variable air volume systems, high air flow, turbulent conditions, repeated fan shutdown.

Low Resistance - Energy efficient

Suitable for HVAC or Turbine Intake Applications

Initial Resistance vs. Filter Face Velocity

Efficiency by Particle Size

Product Information

Model No.	Rated[1] Average Efficiency (52.1)	MERV[1] Rating (52.2)	Nominal Size[2] (Inches) (H x W x D)	Actual Size[2] (Inches) (H x W x D)	Rated[1] Air Flow Capacity @ 500 FPM (CFM)	Rated[1] Initial Resistance (In. W.G.)	Recommended Final Resistance (In. W.G.)
VPP-S-9504	90-95%	15	24 x 24 x 12	23-3/8 x 23-3/8 x 11-1/2	2000	.40"	1.5"
VPP-S-9515	90-95%	15	24 x 20 x 12	23-3/8 x 19-3/8 x 11-1/2	1650	.40"	1.5"
VPP-S-9503	90-95%	15	24 x 12 x 12	23-3/8 x 11-3/8 x 11-1/2	1000	.40"	1.5"
VPP-S-8504	80-85%	13	24 x 24 x 12	23-3/8 x 23-3/8 x 11-1/2	2000	.32"	1.5"
VPP-S-8515	80-85%	13	24 x 20 x 12	23-3/8 x 19-3/8 x 11-1/2	1650	.32"	1.5"
VPP-S-8503	80-85%	13	24 x 12 x 12	23-3/8 x 11-3/8 x 11-1/2	1000	.32"	1.5"
VPP-S-6504	60-65%	11	24 x 24 x 12	23-3/8 x 23-3/8 x 11-1/2	2000	.28"	1.5"
VPP-S-6515	60-65%	11	24 x 20 x 12	23-3/8 x 19-3/8 x 11-1/2	1650	.28"	1.5"
VPP-S-6503	60-65%	11	24 x 12 x 12	23-3/8 x 11-3/8 x 11-1/2	1000	.28"	1.5"

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

2. Width and height dimensions are interchangeable. Vari+Plus VP filters can be installed with the pleats either vertical or horizontal.

3. Continuous operating temperature: 180°F (82°C).

Underwriters Laboratories, Inc. Classification
Vari+Plus VP filters are classified U.L. Class 2 per U.L. Standard 900.

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