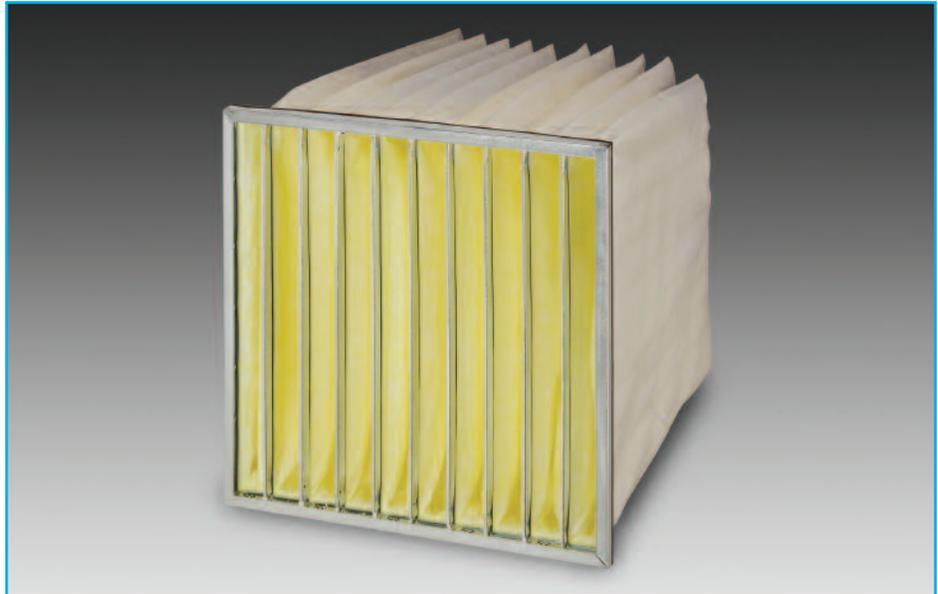


FILTRATION GROUP

RHINO POCKET FILTERS



- Extremely rugged high efficiency filter
- Replaces flimsy fiberglass and synthetic pocket filters
- Built tough for long life applications
- Heavyweight and durable media ensures efficiency performance during entire life-cycle



DESCRIPTION

The Aerostar Rhino Pocket high efficiency air filter is constructed with a very heavy and durable synthetic media that resists tearing or failing during handling and while installed. The Rhino Pocket utilizes a stiff material and heavy duty stitching to ensure proper inflation and performance as rated air flow rates. The stitch holes are sealed with an adhesive to provide even more support and eliminate the chance of air by-pass.

FEATURES

The Rhino Pocket is a continuously bonded synthetic material which minimizes or eliminates the particle shedding that occurs in lower weight fiberglass pockets. A typical high efficiency HVAC installation is very demanding with constant and strong air currents mixed with dramatically changing temperatures. The constant exposure and vibration caused by the air flow can break down a lesser pocket filter over a short period of time, making it useless as a filtering device.

This is why pockets are rarely used in critical applications. The Rhino Pocket is designed to withstand the constant abuse and remain functional and dependable during the entire life cycle of the filter.

APPLICATIONS

The Rhino Pocket is designed to be used in all HVAC applications and is specially suited for constant velocity and most variable air volume (VAV) systems. The Rhino Pocket can handle nearly any environment: 100% relative humidity, turbulent air flow, intermittent exposure to water, repeated fan shutdowns, desert and marine installations. It can be used as primary or secondary filters in heating, ventilating and air conditioning systems. Superior dust-holding capabilities allow these filters to be used in most commercial and industrial applications as well as hospitals, automotive plants and biotechnology facilities.



FILTRATION GROUP®

FILTRATION GROUP

RHINO POCKET FILTERS

DIMENSIONS

MERV 11 PART NUMBER	MERV 15 PART NUMBER	SIZE (H x W x D)	NUMBER OF POCKETS
312961	312962	24 x 24 x 26	10
312996	305811	24 x 24 x 26	8
312972	312974	24 x 24 x 19	10
313007	313009	24 x 24 x 19	8

Contact Customer Service for additional sizes and information.

PERFORMANCE DATA

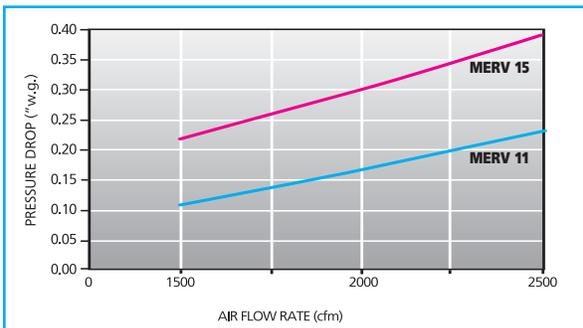
RHINO POCKET FILTER	MERV 11*			MERV 15*		
	Initial Pressure Drop ("w.g.)			Initial Pressure Drop ("w.g.)		
Air Flow (cfm)	1500	2000	2500	1500	2000	2500
24 x 24 x 26						
10 Pockets	0.11	0.17	0.23	0.22	0.30	0.39
8 Pockets	0.15	0.21	0.28	0.28	0.37	0.47
24 x 24 x 19						
10 Pockets	0.13	0.20	0.27	0.25	0.35	0.44
8 Pockets	0.18	0.25	0.33	0.32	0.42	0.53
Comparable Atmospheric Efficiency (ASHRAE 52.1) @ 2000 cfm	60-65%			90-95%		

* Per ASHRAE Standard 52.2-2007

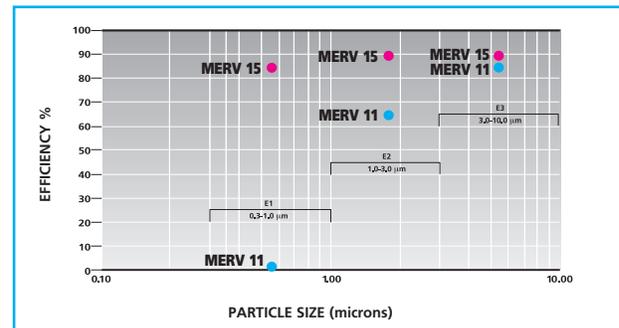
APPLICATION PARAMETERS

Filter Media:	Synthetic media
Header:	26 ga. galvanized steel
Flammability:	UL Class 2
Recommended Final Resistance:	1.0" w.g.
Maximum Temperature:	150°F
Actual Header:	3/4" thickness
Actual Fact Size:	Nominal less 5/8"

INITIAL RESISTANCE TO AIR FLOW (24 x 24 x 26 — 10 Pockets)



EFFICIENCY PER ASHRAE 52.2



Open throat design and industrial grade stitching minimize air drag through expanded pocket



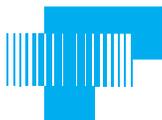
Double lock stitching and rigid Rhino Pocket media maintain integrity during the entire life cycle

Your Local Distributor:



Phone: 252-946-2663 • Fax: 252-946-2651
 P.O. Box 158 • Washington, NC 27889
 Web: www.optimumfiltration.com
 e-mail: info@optimumfiltration.com

© FGI 07/08



FILTRATION GROUP®

Phone: 877-FGI-TEAM (344-8326)
 Fax: 800-518-1162
www.filtrationgroup.com
 e-mail: aerostar@filtrationgroup.com

