

ProPac

ASHRAE Rigid Box Style Filters

OVERVIEW

The ProPac Series is designed with rigid construction features including cross bracing for use in variable-air-volume (VAV) systems and sturdy internal plastic supports. Available in a variety of efficiencies designated by color, ProPac filters reduce energy consumption due to their low resistance or pressure drop. ProPacs are offered with synthetic or microfiberglass media and can be used in many types of HVAC applications.

CONSTRUCTION

ProPac products have a rugged talc reinforced polypropylene frame with an option for a single header or no header. ProPac filters can easily be installed into any side access or front access housing. These versatile rigid box-style filters are easy to install and have sturdy internal supports for extra durability. The ProPac air filters are offered with two media options: synthetic or microfiberglass.

The ProPac synthetic products have 100% synthetic fibers that form into a double stage graded-density pad which ensures full media usage, complete depth loading and high dust holding capacity. The synthetic media is exceptionally strong and will not shed, even under extreme conditions such as high moisture. The upstream layer loft captures multiple ranges of particles effectively while the downstream rigid spun-bonded synthetic creates reinforced strength.

The ProPac microfiberglass products use ultrafine glass fibers that form into a gradually dense high loft layer which provides low resistance to air flow and high dust holding capacity. This version of the ProPac is for use in high efficiency air filtration applications, including those where adverse climate conditions may occur.

APPLICATION

The ProPac Series is for use in applications where medium to high efficiency is required. Commercial and industrial applications such as hospitals, pharmaceutical labs, universities and schools, office buildings, automotive and manufacturing plants and more would benefit from using ProPac Series filters. The ProPac filters are comparable and interchangeable with other rigid air filters.

ADDITIONAL OPTIONS

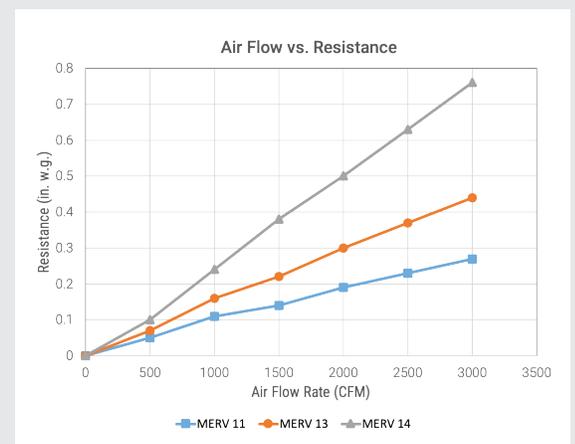
- EliteV Series - ASHRAE mini pleat V-bank filters (see DSELV)
- ProPac Plus Series - ASHRAE rigid box style filters (See DSPPP)
- Choice Series - ASHRAE bag filters (see DSCHO)



PRODUCT SPOTLIGHT

- Available in efficiencies:
 - MERV 14 or 95% (Yellow)
 - MERV 13 or 85% (Pink)
 - MERV 11 or 65% (Orange)
- Synthetic or microfiberglass media
- Available with or without header
- Reduces energy costs
- Rigid construction for VAV systems
- Sturdy internal supports
- Made in the USA

TECHNICAL DATA



ProPac

ASHRAE Rigid Box Style Filters

PERFORMANCE DATA

Nominal Depth	Nominal Size (WxHxD)	Actual Size (in.)			Air Flow @ Capacity (CFM)	Resistance @ Capacity (in. w.g.) - Synthetic			Resistance @ Capacity (in. w.g.) - Fiberglass		
		Width	Height	Depth		M11	M13	M14	M11	M13	M14
ProPac without header											
12"	12x24x12	11.38	23.38	11.50	1000	0.19	0.30	0.50	0.35	0.45	0.55
	16x20x12	15.38	19.38		1100						
	16x25x12	15.38	24.38		1380						
	20x20x12	19.38	19.38		1400						
	20x24x12	19.38	23.38		1670						
	20x25x12	19.38	24.38		1735						
	24x24x12	23.38	23.38		2000						
ProPac with header											
12"	12x24x12	11.38	23.38	11.50	1000	0.23	0.45	0.53	0.39	0.50	0.60
	16x20x12	15.38	19.38		1100						
	16x25x12	15.38	24.38		1380						
	20x20x12	19.38	19.38		1400						
	20x24x12	19.38	23.38		1670						
	20x25x12	19.38	24.38		1735						
	24x24x12	23.38	23.38		2000						

Notes:

- 12" deep filters are rated at 500 fpm.
- Filters designed to operate bidirectional.
- Performance data is based on ASHRAE Test Standards 52.2 – 2017.



WHO WE ARE

At Pamlico Air, our goal is to provide clean air and better health through quality air filtration products and services. With over a century of combined industry experience, we utilize our team's knowledge and expertise to provide top-of-the-line customer service, manufacturing practices and sales transactions. We believe in our products and stand behind our desire to improve our customers' quality of life by cleaning the air they breathe.

Founded in 2019, Pamlico Air serves the US with plans to grow our manufacturing operations across the nation. Our target markets include commercial and industrial accounts, specifically wholesale and residential channels. Our customer-first and family-oriented principles make us professional yet personal in our business strategy. With a strong desire to leave a legacy for our communities, Pamlico Air works diligently to improve the air filtration industry and create products that better the air quality and health of our customers.



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