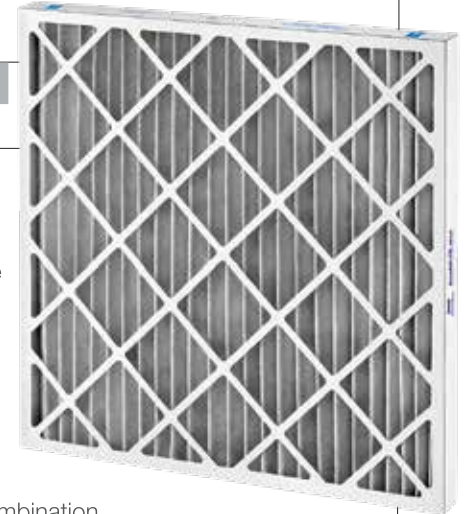


# AmAir®/C M13

## LONG-LASTING GAS-PHASE AND PARTICULATE PLEATED FILTER



- Combines MERV 13 particle efficiency with high-density activated carbon
- Available in 2" and 4" depths
- Effective on a wide variety of gaseous contaminants, including odors found in:
  - Airports
  - Commercial buildings
  - Health clubs
  - Hospitals
  - Hotels/motels
  - IT data centers and server rooms
  - Manufacturing operations
  - Restaurants
  - Schools
  - Shopping centers
- Features 200g/m<sup>2</sup> of activated carbon for odor removal and corrosion control protection
- Easy to install, requiring no trays to refill or exchange
- Directly interchangeable with standard pleated air filters
- Disposable

### Odor Control with Particulate Filtration for a Complete Solution

The AmAir/C M13 filter provides a complete indoor air quality (IAQ) solution by providing effective filtration of odors and particulates. With standard filters, the control of airborne droplets, particles, and gaseous contaminants requires expensive upgrades to existing HVAC systems.

The AmAir/C M13 filter offers the unique combination of MERV 13 media, in compliance with U.S. EPA and CDC efficiency recommendations, and high-density carbon for odor control suitable for use in single-stage or small-package air handling units. Additionally, AmAir/C M13 filters can replace existing pleated prefilters, adding odor control and higher-efficiency particle filtration to multiple-stage systems.

AmAir/C M13 filters allow you to upgrade your IAQ simply and effectively, without requiring expensive housings or system modifications. Simply install and dispose of them as you would standard air filters.

**Media:** Dual-layer combination media consisting of a MERV 13 synthetic particulate layer laminated to a 200 g/m<sup>2</sup> High Activity Carbon 20x50 mesh layer.

**Frame:** Heavy-duty 28-point beverage board for high wet strength and moisture resistance.

**Sealant:** Moisture-resistant adhesive for continuous seal of media pack to frame to prevent leakage and increase rigidity.

**Gasketing:** Standard open-cell polyurethane gasketing; optional premium closed-cell neoprene gasketing available.

**Max. Operating Temp.:** 140° F

# AmAir®/C M13

## Performance Data

Model Designation	Nominal Size (inches)	<sup>(1)</sup> Rated Initial Resistance @500 FPM (in. w.g.)	Efficiency @500 FPMs	Recommended Final Resistance (in. w.g.)	<sup>(2)</sup> Media Density (g/m <sup>2</sup> )
187-002-863	24 x 24 x 2	0.53"	MERV 13	1.2"	200 g/m <sup>2</sup>
187-004-863	24 x 24 x 4	0.47"	MERV 13	1.2"	200 g/m <sup>2</sup>

## Product Information – Standard Sizes

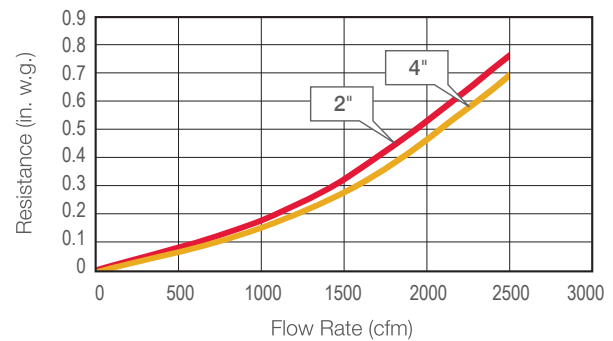
Nominal Size (inches)	Actual Size (inches)	Airflow Capacity CFM		Filters/Pads Per Carton
		@300 FPM	@500 FPMs	
12 x 24 x 2	11½ x 23¾ x 1¾	600	1000	6
16 x 20 x 2	15½ x 19½ x 1¾	650	1100	6
16 x 25 x 2	15½ x 24½ x 1¾	850	1400	6
18 x 24 x 2	17¾ x 23¾ x 1¾	900	1500	6
20 x 20 x 2	19½ x 19½ x 1¾	850	1400	6
20 x 24 x 2	19½ x 23¾ x 1¾	1000	1650	6
20 x 25 x 2	19½ x 24½ x 1¾	1050	1750	6
24 x 24 x 2	23¾ x 23¾ x 1¾	1200	2000	6
12 x 24 x 4	11½ x 23¾ x 3¾	600	1000	3
16 x 20 x 4	15½ x 19½ x 3¾	650	1100	3
16 x 25 x 4	15½ x 24½ x 3¾	850	1400	3
18 x 24 x 4	17¾ x 23¾ x 3¾	900	1500	3
20 x 20 x 4	19½ x 19½ x 3¾	850	1400	3
20 x 24 x 4	19½ x 23¾ x 3¾	1000	1650	3
20 x 25 x 4	19½ x 24½ x 3¾	1050	1750	3
24 x 24 x 4	23¾ x 23¾ x 3¾	1200	2000	3

(1) All performance data is based on the ASHRAE 52.2-2017 test method. Performance tolerances conform to Section 7.4 ARI Standard 850.93.

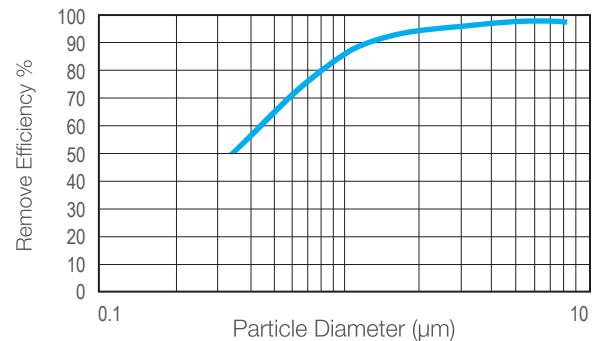
(2) Carbon density is stated in grams per square meter of filter media area. Carbon Activity Rating: Minimum 60% on carbon tetrachloride (CCl<sub>4</sub>) at 25° C.

## Performance Data

### Resistance vs. Flow Rate



### Initial Particle Size Removal Efficiency



MERV 13 layer bonded to 200 g/m<sup>2</sup> carbon matrix with support scrim



9920 Corporate Campus Drive, Suite 2200, Louisville, KY 40223-5690  
888.223.2003 Fax 888.223.6500 | aafintl.com

AAF has a policy of continuous product research and improvement. We reserve the right to change design and specifications without notice.

©2023 AAF International and its affiliated companies.

ISO Certified Firm

AFP-1-802 12/23