# Permanent Suspension Modules

## GENERAL DESCRIPTION

These filters are manufactured for ease of installation and incorporation into ducted air systems. They can be used on both supply for purifying incoming air, and can be used on the extract to remove toxic gasses and odours generated within a process.

### Construction

The modules are manufactured by mounting a series of panel filters within a sealed case.
The airflow is optimized by presenting the filtering surfaces in a "V" formation.

Each panel is sealed into the filter case so as to ensure no air can bypass the bonded granules.

The panels are manufactured using long established bonding techniques which hold the granules in a in a rigid biscuit. The biscuit is encapsualted in a carbon impreganted cloth which prevents any leakage of granules or powder.

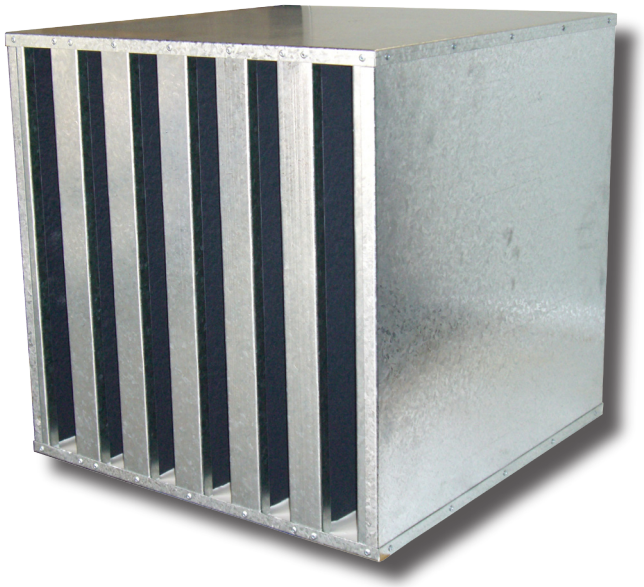
The unique bonding method used by Purified Air ensures that the panels will remain intact and rigid even if wet.

## Available with Mixed Media, 207c Carbon or Stock Grades of Carbon

208 - Good general Carbon grade suitable for many applications
209 - Copper Coated Carbon for use in Mueums and archives
KI - For enhanced garlic odour removal

## Typical Applications include:

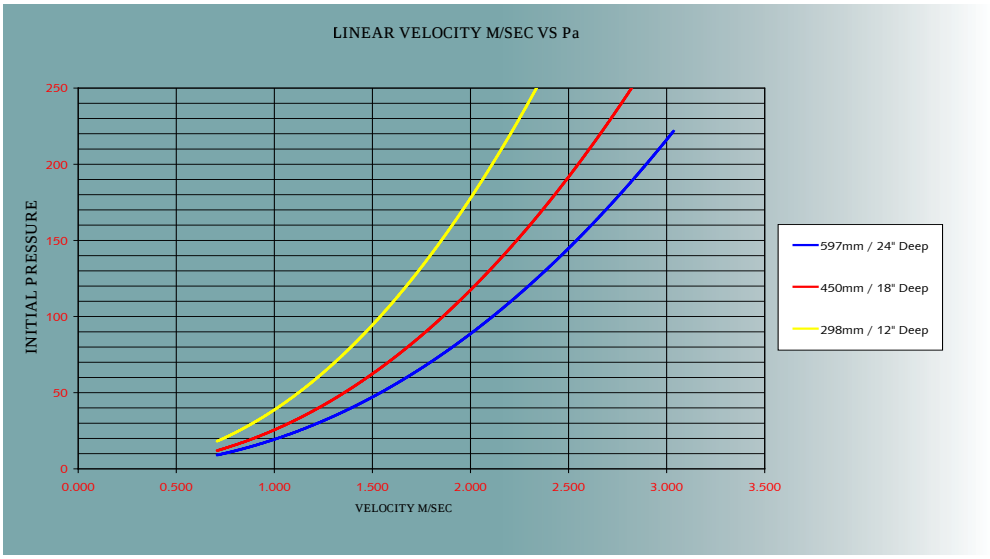
- Elimination of Cooking Odours
- Removal of Kerosene Exhaust Fumes
- General Odour Removal
- Smoke Removal
- Neutralisation of Ammonia and its Derivatives
- Removal of Formaldehyde
- Removal of Airborne Pollutants and Contaminants
- Removal of Acid Gases



purified air®
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# STANDARD SIZES

| No. | Nominal Size (Inches) | Height (mm) | Width (mm) | Depth (mm) | Weight of Carbon (Kg) | Cell Weight | Capacity @ 0.1 Second Dwell Time |
|---|---|---|---|---|---|---|---|
| PA-CF1-7C | 24 x 24 x 8 | 594 | 594 | 197 | 10 | 22 | 800 |
| PA-CF1-HALF-7C | 24 x 12 x 8 | 594 | 291 | 197 | 5 | 11 | 400 |
| PA-242412/8-7C | 24 x 24 x 12 | 594 | 594 | 292 | 13 | 24 | 990 |
| PA-121212-7C | 12 x 12 x 12 | 297 | 297 | 297 | 6 | 12 | 450 |
| PA-181812-7C | 18 x 18 x 12 | 445 | 445 | 297 | 13 | 25 | 990 |
| PA-241212-7C | 24 x 12 x 12 | 594 | 297 | 297 | 13 | 25 | 990 |
| PA-242412-7C | 24 x 24 x 12 | 594 | 594 | 297 | 25 | 36 | 1900 |
| PA-CF2-7C | 24 x 24 x 16 | 594 | 594 | 397 | 18 | 34 | 1370 |
| PA-CF2-HALF-7C | 24 x 12 x 16 | 594 | 291 | 397 | 9 | 18 | 685 |
| PA-WA15-208 | 24 x 6 x 18 | 144 | 600 | 440 | 7 | 13 | 533 |
| PA-121218-7C | 12 x 12 x 18 | 292 | 292 | 451 | 10 | 15 | 761 |
| PA-181818-7C | 18 x 18 x 18 | 445 | 445 | 451 | 19 | 26 | 1445 |
| PA-241218-7C | 24 x 12 x 18 | 594 | 297 | 451 | 18 | 26 | 1369 |
| PA-242418-7C | 24 x 24 x 18 | 594 | 594 | 451 | 36 | 52 | 2740 |
| PA-121224-7C | 12 x 12 x 24 | 292 | 292 | 597 | 13 | 19 | 990 |
| PA-181824-7C | 18 x 18 x 24 | 445 | 445 | 597 | 25 | 36 | 1900 |
| PA-241224-7C | 24 x 12 x 24 | 594 | 297 | 597 | 25 | 36 | 1900 |
| PA-242424-7C | 24 x 24 x 24 | 594 | 594 | 597 | 50 | 61 | 3800 |




HVCA

ACMA Air Cleaner Manufacturers' Association

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providing a better environment

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