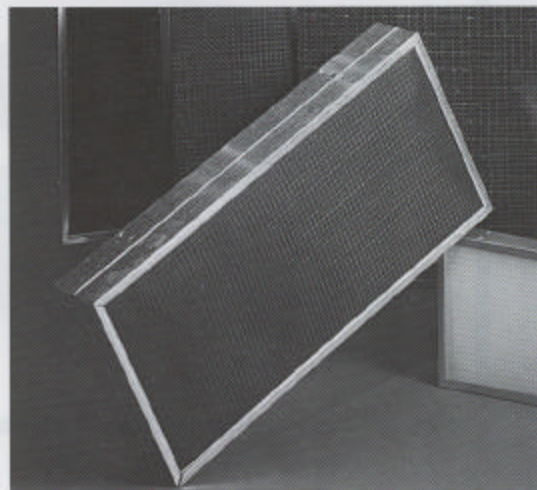


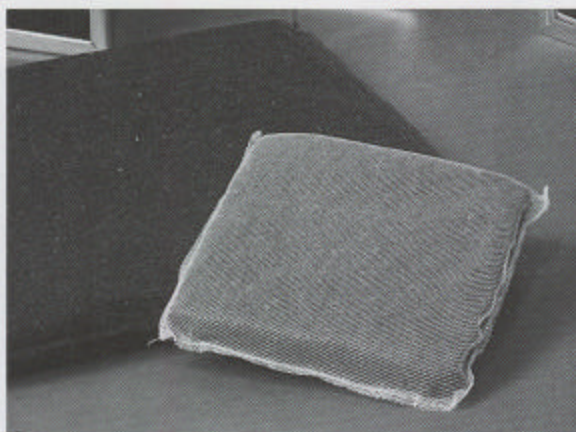
# DUST-PLUS ODOR CONTROL

## DUST-PLUS<sup>®</sup> 2"

An estimated 4 million chemical compounds exist in the environment, some harmless and some highly toxic. The EPA ranks indoor air pollution as one of the nation's top 5 environmental risks. These pollutants contribute to hazardous work conditions, diminished productivity and increased maintenance costs.



Permatron's DustPlus air filter is uniquely designed to remove airborne particulate matter, *plus* adsorb odors/fumes. Enclosed in a 2" thick steel frame, the filter contains a permanent/washable electrostatic front panel. Acting as a prefilter, this panel uses a combination of impingement and electrostatic charge to attract and hold airborne particles. The rear wire panel creates a holding chamber for various types of filter media. Rugged framing provides stability when utilizing either disposable 1" filters or media pads. Built to withstand rigorous industrial conditions, including heavy dirt loads and vibration from high velocity air flow, DustPlus can be used as a prefilter to extend the service life of any type of costly replacement filter or to stabilize a less durable disposable filter. The front panel captures larger particles, allowing the odor removing media to work without interference by face loading of large airborne particles.



### Polypropylene Prefilter & Frame

Initial resistance .06 in. w.g. (300fpm/1200cfm)  
Available in Stainless Steel

### High Density Activated Carbon

300 grams per square foot  
60% minimum activity granular carbon  
Flexible nylon mesh scrim  
Initial resistance .23 in. w.g. (300fpm/1200cfm)  
Average arrestance efficiency 80-86%  
Dust holding capacity 235 gm at 1.2 in. w.g.

### Alternative Filtration Media Pads or Pleats

Zeolite, Activated Alumina, Potassium Permanganate, High Efficiency Pleats, High Loft Impingement Media

### Easy to Maintain

DustPlus should be periodically rinsed or vacuumed free of accumulated particles. Water and a mild detergent may be used on the permanently attached front polypropylene panel; the media/disposable filter inside the DustPlus should be removed from the frame and replaced. Depending on the environment, odor removing media can last up to six months. Once the media reaches maximum adsorption, it is simply removed and replaced. The HVAC system's recirculating fan should be kept running to ensure maximum air contact with filtration and adsorption media. Lifetime warranty on DustPlus permanent parts.

Nominal Sizes Available:		
12x24x2"	18x24x2"	20x25x2"
16x20x2"	20x20x2"	24x24x2"
16x25x2"	20x24x2"	

Technical Assistance 800-882-8012

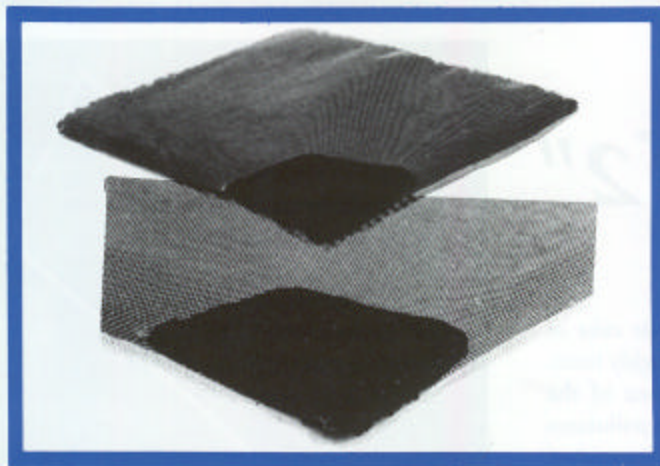
[www.permatron.com](http://www.permatron.com)

**PERMATRON<sup>®</sup>**

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# HIGH DENSITY ACTIVATED CARBON PACKS



Maximum density carbon filters designed for heavy odor/fume control in commercial and industrial applications. Large quantities (150, 300, 600 and 900 grams per square foot) of 60% minimum activity carbon are contained within flexible nylon mesh. Granular carbon that will not settle. Adsorption process does not affect pressure drop because gases are adsorbed inside carbon and do not build up on the outside. High density packs should be properly prefiltered (prefilters also available from Permatron). Standard and custom sizes available in flexible pad form, encased in a disposable cardboard stabilizing frame or a permanent galvanized or stainless steel pad stabilizing frame. Thickness: CW150- $\frac{3}{4}$ " , CW300- $\frac{3}{4}$ " , CW600-1 $\frac{1}{2}$ " to 1 $\frac{3}{4}$ " and CW 900-2 $\frac{1}{4}$ " (without stabilizing frames.)

## TECHNICAL DATA

- Model CW150:** Initial Resistance .15 in w.g. (300 fpm/1200 cfm); Average Arrestance Efficiency N/A; Dust Holding Capacity N/A.
- Model CW300:** Initial Resistance .23 in w.g. (300 fpm/1200 cfm); Average Arrestance Efficiency 80-86%; Dust Holding Capacity 235 GM at 1.2 inch w.g.
- Model CW600:** Initial Resistance .45 in w.g. (300 fpm/1200 cfm); Average Arrestance Efficiency N/A; Dust Holding Capacity N/A.

PERFORMANCE DATA						
Nominal Size*	CW150		CW300		CW600	
	High Density Charcoal		High Density Charcoal		High Density Charcoal	
	Media Area (sq ft)	Carbon (gms)	Media Area (sq ft)	Carbon (gms)	Media Area (sq ft)	Carbon (gms)
10 x 20	1.39	208.33	1.39	416.67	1.39	833.33
12 x 20	1.67	250.00	1.67	500.00	1.67	1000.00
14 x 20	1.94	291.67	1.94	583.33	1.94	1166.67
14 x 25	2.43	364.58	2.43	729.17	2.43	1458.33
15 x 20	2.08	312.50	2.08	625.00	2.08	1250.00
16 x 20	2.22	333.33	2.22	666.67	2.22	1333.33
20 x 20	2.78	416.67	2.78	833.33	2.78	1666.67
16 x 25	2.78	416.67	2.78	833.33	2.78	1666.67
20 x 25	3.47	520.83	3.47	1041.67	3.47	2083.33
12 x 24	2.00	300.00	2.00	600.00	2.00	1200.00
24 x 24	4.00	600.00	4.00	1200.00	4.00	2400.00
18 x 24	3.00	450.00	3.00	900.00	3.00	1800.00
20 x 24	3.33	500.00	3.33	1000.00	3.33	2000.00

\*All nominal filters have an actual size 1/16" less in width and height.

**PERMATRON**<sup>®</sup>

TOLL-FREE TECHNICAL ASSISTANCE  
1-800-882-8012