



**Hardy Filtration**

*Integrated filtration solutions: air, water & oil*

## Pleated Carbon/Particulate Filter MERV 8 MAXI AIR CPM8

### Description

**MAXI-AIR CPM8** brings together excellent particulate filtration performance with added odor removal technology to deliver clean, fresh, odor-free air to your building. Filters with this media are an excellent choice for odor control in applications such as restaurants, gymnasiums, fitness centers, beauty salons, doctor's offices, laboratories, pet stores, veterinary clinics and many more.

**MAXI-AIR CPM8** filters also make excellent pre-filters for multistage systems. This allows building owners to add odor control technology to their system by placing it in pre-filters rather than in much more expensive final filters. And, since pre-filters are changed more often you always have fresh odor technology in your system.

### High efficiency media

Designed to remove odors and irritants gasses from the HVAC system air stream.

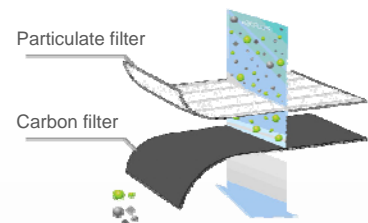
Two stage filtration construction.

The upstream layer provides excellent particulate filtration and protects carbon from particulate loading, to ensure maximum odor removal capability.

The downstream layer is optimized for rapid adsorption and retention of gaseous contaminants from the airstream.

100% synthetic filtration media in particulate and gas phase components.

Thermal bonding of all components to prevent fiber or carbon shedding.



### Construction

- » Heavy duty beverage board frame.
- » 100% Synthetic filter element.
- » Media is bonded to a metal backing.
- » Media pack is glued to all parts of the frame.
- » UL Class 2.
- » Very resistant to various contaminants in the air.
- » Lower pressure drop.
- » Higher dust holding capacity leads to longer life.
- » No fiber shedding.
- » No bonding resins / thermally bonded.
- » Withstands high levels of humidity.
- » Does not support microbial growth and fungus.

## Standard dimensions

DIMENSIONS W X H X D	MODEL NO	ACTUAL DIMENSIONS			CFM CAPACITY			AREA SURFACE
		Width	Height	Depth	300 FPM	500 FPM	625 FPM	SQ FT
10 X 20 X 1	CPM8-11020	9.375	19.375	0.75	400	700	-	3
12 X 24 X 1	CPM8-11224	11.375	23.375	0.75	600	1000	-	4.3
14 X 20 X 1	CPM8-11420	13.375	19.375	0.75	580	975	-	4.2
14 X 25 X 1	CPM8-11425	13.375	24.375	0.75	730	1200	-	5.3
15 X 20 X 1	CPM8-11520	14.375	19.375	0.75	625	1050	-	4.5
16 X 20 X 1	CPM8-11620	15.375	19.375	0.75	670	1100	-	4.9
16 X 24 X 1	CPM8-11624	15.375	23.375	0.75	800	1350	-	5.8
16 X 25 X 1	CPM8-11625	15.375	24.375	0.75	830	1400	-	6.1
18 X 24 X 1	CPM8-11824	17.375	23.375	0.75	900	1500	-	6.6
18 X 25 X 1	CPM8-11825	17.375	24.375	0.75	940	1580	-	6.9
20 X 20 X 1	CPM8-12020	19.375	19.375	0.75	830	1400	-	6.1
20 X 24 X 1	CPM8-12024	19.375	23.375	0.75	1000	1650	-	7.4
20 X 25 X 1	CPM8-12025	19.375	24.375	0.75	1040	1750	-	7.7
24 X 24 X 1	CPM8-12424	23.375	23.375	0.75	1200	2000	-	8.9
10 X 20 X 2	CPM8-21020	9.375	19.375	1.75	400	700	-	5.8
12 X 24 X 2	CPM8-21224	11.375	23.375	1.75	600	1000	-	8.5
14 X 20 X 2	CPM8-21420	13.375	19.375	1.75	580	975	-	8.3
14 X 25 X 2	CPM8-21425	13.375	24.375	1.75	730	1200	-	10.5
15 X 20 X 2	CPM8-21520	14.375	19.375	1.75	625	1050	-	9
16 X 16 X 2	CPM8-21616	15.375	15.375	1.75	535	890	-	7.8
16 X 20 X 2	CPM8-21620	15.375	19.375	1.75	670	1100	-	9.6
16 X 24 X 2	CPM8-21624	15.375	23.375	1.75	800	1350	-	11.6
16 X 25 X 2	CPM8-21625	15.375	24.375	1.75	830	1400	-	12
18 X 20 X 2	CPM8-21820	17.375	19.375	1.75	750	1250	-	11.0
18 X 24 X 2	CPM8-21824	17.375	23.375	1.75	900	1500	-	13.1
18 X 25 X 2	CPM8-21825	17.375	24.375	1.75	940	1560	-	12.0
20 X 20 X 2	CPM8-22020	19.375	19.375	1.75	830	1400	-	12.1
20 X 24 X 2	CPM8-22024	19.375	23.375	1.75	1000	1650	-	14.6
20 X 25 X 2	CPM8-22025	19.375	24.375	1.75	1040	1750	-	15.2
24 X 24 X 2	CPM8-22424	23.375	23.375	1.75	1200	2000	-	17.6
25 X 25 X 2	CPM8-22525	24.375	24.375	1.75	1300	2170	-	19.0
12 X 24 X 4	CPM8-41224	11.375	23.375	3.625	600	1000	1250	13.4
16 X 20 X 4	CPM8-41620	15.375	19.375	3.625	670	1100	1400	15.1
16 X 25 X 4	CPM8-41625	15.375	24.375	3.625	830	1400	1750	18.9
18 X 24 X 4	CPM8-41824	17.375	23.375	3.625	900	1500	1875	20.5
20 X 20 X 4	CPM8-42020	19.375	19.375	3.625	830	1400	1750	19
20 X 24 X 4	CPM8-42024	19.375	23.375	3.625	1000	1650	2100	22.9
20 X 25 X 4	CPM8-42025	19.375	24.375	3.625	1040	1750	2200	23.9
24 X 24 X 4	CPM8-42424	23.375	23.375	3.625	1200	2000	2500	27.6
25 X 29 X 4	CPM8-42529	24.5	28.5	3.625	1500	2500	3000	35.3

Special sizes available upon request.

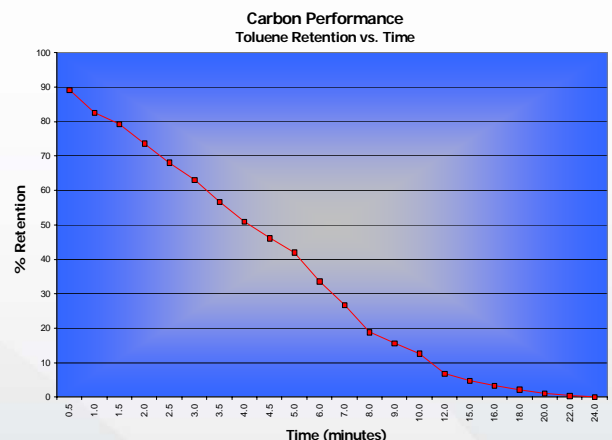
## Technical information

Models	Depth	Pleats per foot	Initial Resistance (300 FPM)	Initial Resistance (500 FPM)	Initial Resistance (625FPM)	Final Resistance	Efficiency (%) ASHRAE STD 52.1	MERV ASHRAE 52.2
CPM8	1"	16	.50"	N.R.	N.R.	1.0"	35-40%	8
	2"	15	.35"	.53"	0.76	1.0"	35-40%	8
	4"	11	.23"	.35"	.50"	1.0"	35-40%	8

N.R. - Not

### Activated Carbon Air Filters are effective with the following types of odors:

- » Alcohols
- » Cleaning agents
- » Cigarette smoke
- » Organic chemical odors
- » Combustion exhausts
- » Paint, remodeling & refinishing odors
- » Antiseptics & Soaps
- » Cooking odors
- » Pet odors



Hardy Filtration Inc. reserved right to make changes without notice.