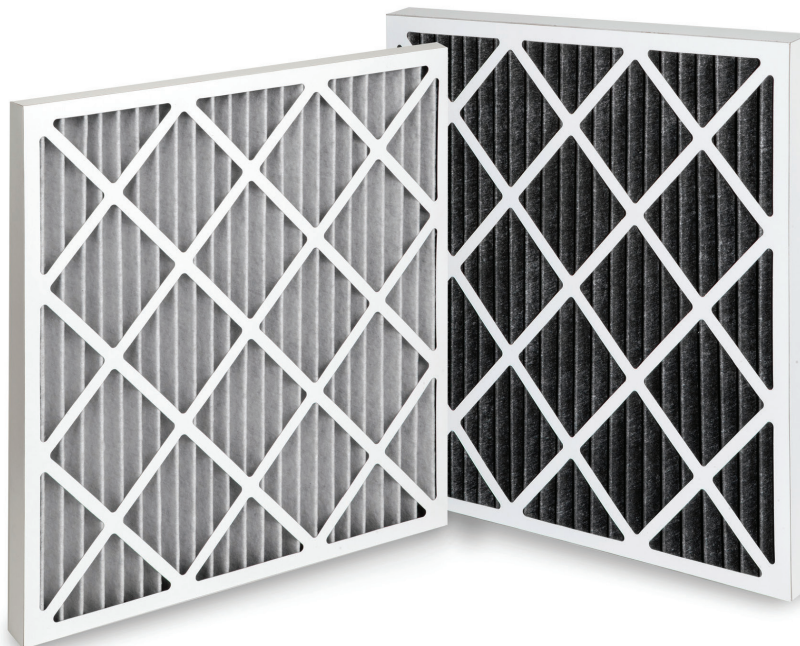


PRODUCT OVERVIEW

- HEGA 651 grade carbon for broad spectrum chemical removal including VOCs, ozone, acid gases and formaldehyde
- MERV 10
- Available in 1", 2" and 4" depths
- Ideal for use where both carbon and particulate filtration are needed
 - Commercial and Industrial
 - Office buildings
 - Hospitals
 - Airports
 - Food courts
 - Manufacturing facilities



PURAFILTER® SERIES 750 PLUS CARBON PLEAT

WHY THE PURAFILTER® SERIES 750 ODOR REMOVAL PLEAT?

- High levels of both particulate and gas phase air filtration compared to standard carbon pleated filters
- Non-dusting, self supporting pleated media reduces weight and does not sacrifice efficiency
- Advanced media does not rely on electrostatic charge for particulate efficiency
- 50% higher carbon loading vs. Purafilter® Series 550 odor removal pleat
- Fits all standard front access frames & side access housings
- Disposable, easy to use, low service cost
- Out performs competitors carbon slurry media products which blind off the surface area of the activated carbon

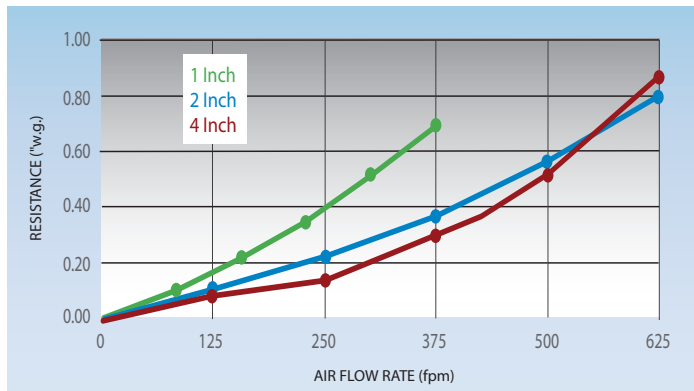


PURAFILTER® SERIES 750 CARBON PLEAT

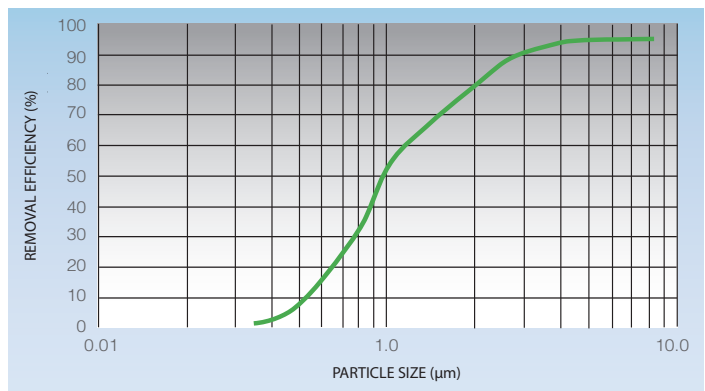
PERFORMANCE DATA (24 x 24)

FILTER DEPTH	INITIAL RESISTANCE ("w.g.)		FINAL RESISTANCE ("w.g.)	MERV @ 500 fpm
	300 fpm	500 fpm		
1"	0.51	N/A	1.0	10
2"	0.28	0.58	1.0	10
4"	0.23	0.51	1.0	10

INITIAL RESISTANCE (24 x 24)



MINIMUM REMOVAL EFFICIENCY (24 x 24 x 2)



PRODUCT DATA

PART NUMBER	NOMINAL SIZE* (H" x W" x D")	ACTUAL SIZE (H" x W" x D")	CFM CAPABILITIES	
			300 fpm	375 fpm
173111	10 x 10 x 1	9 1/2 x 9 1/2 x 3/4	200	250
173121	10 x 20 x 1	9 1/2 x 19 1/2 x 3/4	400	525
173211	12 x 12 x 1	11 3/4 x 11 3/4 x 3/4	300	375
173201	12 x 20 x 1	11 1/2 x 19 1/2 x 3/4	500	625
173241	12 x 24 x 1	11 1/2 x 23 1/2 x 3/4	600	750
173401	14 x 20 x 1	13 1/2 x 19 1/2 x 3/4	575	725
173421	14 x 24 x 1	13 1/2 x 23 1/2 x 3/4	700	875
173451	14 x 25 x 1	13 1/2 x 24 1/2 x 3/4	725	900
173501	15 x 20 x 1	14 1/2 x 19 1/2 x 3/4	625	775
173661	16 x 16 x 1	15 3/4 x 15 3/4 x 3/4	525	650
173601	16 x 20 x 1	15 1/2 x 19 1/2 x 3/4	650	825
173641	16 x 24 x 1	15 1/2 x 23 1/2 x 3/4	800	1000
173651	16 x 25 x 1	15 1/2 x 24 1/2 x 3/4	825	1025
173801	18 x 20 x 1	17 1/2 x 19 1/2 x 3/4	750	925
173841	18 x 24 x 1	17 1/2 x 23 1/2 x 3/4	900	1125
173851	18 x 25 x 1	17 1/2 x 24 1/2 x 3/4	925	1175
173001	20 x 20 x 1	19 1/2 x 19 1/2 x 3/4	825	1050
173041	20 x 24 x 1	19 1/2 x 23 1/2 x 3/4	1000	1250
173051	20 x 25 x 1	19 1/2 x 24 1/2 x 3/4	1050	1300
173221	22 x 22 x 1	21 3/4 x 21 3/4 x 3/4	1000	1250
173441	24 x 24 x 1	23 1/2 x 23 1/2 x 3/4	1200	1500

* Contact Customer Care for additional sizes and information.

PART NUMBER	NOMINAL SIZE* (H" x W" x D")	ACTUAL SIZE (H" x W" x D")	CFM CAPABILITIES	
			375 fpm	500 fpm
173122	10 x 20 x 2	9 3/4 x 19 1/2 x 1 3/4	525	700
173242	12 x 24 x 2	11 3/8 x 23 3/8 x 1 3/4	750	1000
173402	14 x 20 x 2	13 1/2 x 19 1/2 x 1 3/4	725	975
173452	14 x 25 x 2	13 1/2 x 24 1/2 x 1 3/4	900	1200
173502	15 x 20 x 2	14 1/2 x 19 1/2 x 1 3/4	775	1025
173602	16 x 20 x 2	15 1/2 x 19 1/2 x 1 3/4	825	1100
173642	16 x 24 x 2	15 3/8 x 23 3/8 x 1 3/4	1000	1325
173652	16 x 25 x 2	15 1/2 x 24 1/2 x 1 3/4	1050	1400
173842	18 x 24 x 2	17 3/8 x 23 3/8 x 1 3/4	1125	1500
173002	20 x 20 x 2	19 1/2 x 19 1/2 x 1 3/4	1050	1400
173042	20 x 24 x 2	19 3/8 x 23 3/8 x 1 3/4	1250	1650
173052	20 x 25 x 2	19 1/2 x 24 1/2 x 1 3/4	1300	1750
173442	24 x 24 x 2	23 3/8 x 23 3/8 x 1 3/4	1500	2000
173244	12 x 24 x 4	11 3/8 x 23 3/8 x 3 3/4	1000	1250
173604	16 x 20 x 4	15 1/2 x 19 1/2 x 3 3/4	1100	1400
173654	16 x 25 x 4	15 1/2 x 24 1/2 x 3 3/4	1400	1750
173844	18 x 24 x 4	17 3/8 x 23 3/8 x 3 3/4	1500	1875
173004	20 x 20 x 4	19 1/2 x 19 1/2 x 3 3/4	1400	1750
173044	20 x 24 x 4	19 3/8 x 23 3/8 x 3 3/4	1650	2100
173054	20 x 25 x 4	19 1/2 x 24 1/2 x 3 3/4	1750	2200
173444	24 x 24 x 4	23 3/8 x 23 3/8 x 3 3/4	2000	2500

ENGINEERING SPECIFICATIONS

1.0 General

- Filters shall be Aerostar® Purafilter® Series 750 Plus Carbon Pleat filters as manufactured by Filtration Group.
- Filters shall be available in nominal depths of 1", 2" and 4".
- Filters are manufactured by an ISO 9001 registered company.

2.0 Filter Materials of Construction

- Media shall be carbon loaded non-woven media consisting of 100% synthetic fibers that do not support microbial growth. Media shall contain chemically impregnated coconut shell activated carbon loaded at >300 grams per square meter.
- Filters shall have a high wet strength beverage board with a cross member design that increases filter rigidity and prevents breaching. Frame shall be recyclable.
- Media shall include an additional particle filtration/dust holding material as an integral layer.

- Filters shall be of a metal-free construction that can be completely incinerated and does not contain galvanized steel in order to reduce its impact when land filled.

3.0 Filter Performance

- Filters shall be available in a MERV 10 configuration when tested in accordance with ASHRAE 52.2 Test Standard.
- Filter shall demonstrate effectiveness against toluene, hydrogen sulfide and formaldehyde when tested as recommended in ASHRAE 145.2 Test Standard.
- For initial resistance of filters, see Performance Data chart above.
- Filters shall be rated to withstand a continuous operating temperature up to 150°F.