

# ASTRO-PLEAT™



## STANDARD PLEATED FILTERS

# MERV8

**GOOD**



**FILTER  
LIFE**

**UP  
TO 90 DAYS**



## FEATURES AND BENEFITS

Air Filters Incorporated's **Astro-Pleat™** pleated filters are manufactured using a MERV 8, 11, or 13 rated filter media that effectively reduces and traps pollen, mold, dust, pet dander and dust mites from circulating throughout your home or business. Using an **Astro-Pleat™** filter to capture common airborne contaminants can help alleviate allergies and sinus irritations that can cause watery eyes, itchy throat, coughing and sneezing. Additional benefits from using the **Astro-Pleat™** air filter include extending the life of your air conditioning/ furnace system by removing dirt and dust so the HVAC unit isn't strained from air flow restriction.

## APPLICATIONS

- Commercial Buildings
- Residential
- Hospitals
- Schools and Universities
- Food Processing
- Pharmaceutical Industry
- Shooting Ranges
- Industrial
- Manufacturing

## CONSTRUCTION

- Made with premium synthetic fiber media that has a high dust holding capacity and filtering efficiency. Available in MERV 8, 11, or 13
- The synthetic filter media is reinforced with expanded metal backing to prevent media from sagging during use.
- Astro-Pleat's frame uses a die cut made from heavy duty beverage board to ensure filter integrity in high moisture applications.
- The filter media is internally glued to the filter frame to prevent contaminants from bypassing the media and recirculating in the air.
- When used as a pre-filter (stage 1), Astro-Pleat helps prolong the life of your mid and final stage filters
- Available in an Anti-Microbial filter media that inhibits the growth of micro-organisms including bacteria, fungi, and mold spores.
- Available in Standard and High Capacity
- UL 900 Approved

**CUSTOM**  
SIZES AVAILABLE

**ECO**  
FRIENDLY



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**800 667 8563**

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All products are designed and manufactured in Houston, Texas | 8282 Warren Road, Houston, TX, 77040 | 800-667-8563

# ASTRO-PLEAT™



1 - Inch Depth	Nominal Size HxWxD (In.)	Standard Capacity				Media Area Sq Ft	Wt. Each (lbs.)	High Capacity				Media Area Sq Ft	Wt. Each (lbs.)
		300 FPM		500 FP				300 FPM		500 FPM			
		CFM	PD	CFM	PD			CFM	PD	CFM	PD		
	10x20x1	425	.14	700	.32	2.47	0.3	425	.15	700	.33	2.67	0.3
	12x20x1	500	.14	840	.32	2.88	0.3	500	.15	840	.33	3.29	0.3
	12x24x1	600	.14	1000	.32	3.46	0.3	600	.15	1000	.33	3.96	0.4
	14x20x1	590	.14	980	.32	3.29	0.3	590	.15	980	.33	3.91	0.4
	14x25x1	730	.14	1220	.32	4.13	0.4	730	.15	1220	.33	4.90	0.4
	15x20x1	630	.14	1050	.32	3.70	0.4	630	.15	1050	.33	4.11	0.4
	16x20x1	670	.14	1120	.32	3.91	0.4	670	.15	1120	.33	4.32	0.4
16x25x1	840	.14	1400	.32	4.90	0.5	840	.15	1400	.33	5.41	0.5	
18x24x1	900	.14	1500	.32	5.20	0.5	900	.15	1500	.33	5.94	0.6	
18x25x1	940	.14	1570	.32	5.41	0.5	940	.15	1570	.33	6.19	0.6	
20x20x1	840	.14	1400	.32	4.73	0.5	840	.15	1400	.33	5.55	0.6	
20x24x1	1000	.14	1667	.32	5.69	0.5	1000	.15	1667	.33	6.68	0.6	
20x25x1	1050	.14	1750	.32	5.93	0.6	1050	.15	1750	.33	6.96	0.7	
24x24x1	1200	.14	2000	.32	6.93	0.6	1200	.15	2000	.33	7.92	0.7	
25x25x1	1310	.14	2170	.32	7.48	0.7	1310	.15	2170	.33	8.51	0.8	

2 - Inch Depth	Nominal Size HxWxD (In.)	CFM	PD	CFM	PD	Media Area Sq Ft	Wt. Each (lbs.)	CFM	PD	CFM	PD	Media Area Sq Ft	Wt. Each (lbs.)
	10x20x2	425	.13	700	.23	3.36	0.4	425	.11	700	.20	6.24	0.5
	12x20x2	500	.13	840	.23	3.84	0.5	500	.11	840	.20	7.20	0.5
	12x24x2	600	.13	1000	.23	4.62	0.6	600	.11	1000	.20	8.66	0.6
	14x20x2	590	.13	980	.23	4.32	0.5	590	.11	980	.20	8.64	0.6
	14x25x2	730	.13	1220	.23	5.41	0.7	730	.11	1220	.20	10.83	0.8
	15x20x2	630	.13	1050	.23	4.80	0.6	630	.11	1050	.20	9.12	0.7
	16x20x2	670	.13	1120	.23	5.28	0.6	670	.11	1120	.20	9.60	0.7
	16x25x2	840	.13	1400	.23	6.62	0.7	840	.11	1400	.20	12.03	0.9
	18x24x2	900	.13	1500	.23	6.93	0.8	900	.11	1500	.20	13.28	0.9
	18x25x2	940	.13	1570	.23	7.22	0.8	940	.11	1570	.20	13.84	1.0
	20x20x2	840	.13	1400	.23	6.24	0.7	840	.11	1400	.20	12.00	1.0
	20x24x2	1000	.13	1667	.23	7.50	0.9	1000	.11	1667	.20	14.43	1.0
	20x25x2	1050	.13	1750	.23	7.82	0.9	1050	.11	1750	.20	15.04	1.1
	24x24x2	1200	.13	2000	.23	9.24	1.0	1200	.11	2000	.20	17.61	1.2
	25x25x2	1310	.13	2170	.23	10.23	1.1	1310	.11	2170	.20	18.65	1.3

4 - Inch Depth	Nominal Size HxWxD (In.)	CFM	PD	CFM	PD	Media Area Sq Ft	Wt. Each (lbs.)	CFM	PD	CFM	PD	Media Area Sq Ft	Wt. Each (lbs.)
	12x24x4	600	.08	1000	.17	11.13	1.0	600	.07	1000	.15	13.61	1.0
	16x20x4	670	.08	1120	.17	12.34	1.0	670	.07	1120	.15	15.43	1.2
	16x25x4	840	.08	1400	.17	15.47	1.3	840	.07	1400	.15	19.34	1.4
	18x24x4	900	.08	1500	.17	17.32	1.4	900	.07	1500	.15	21.03	1.5
	20x20x4	840	.08	1400	.17	15.43	1.3	840	.07	1400	.15	18.52	1.4
	20x24x4	1000	.08	1667	.17	18.55	1.5	1000	.07	1667	.15	22.27	1.7
	20x25x4	1050	.08	1750	.17	19.34	1.6	1050	.07	1750	.15	23.20	1.8
	24x24x4	1200	.08	2000	.17	22.27	1.8	1200	.07	2000	.15	27.21	2.0
	25x29x4	1510	.08	2517	.17	28.36	2.4	1510	.07	2517	.15	34.80	2.7
	28x30x4	1750	.08	2917	.17	30.63	2.8	1750	.07	2917	.15	37.92	3.1



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