

## CI PLEAT COMMANDER Panel Filters



*The PLEAT COMMANDER Panel Filter, with its lower initial resistance of 0.304 @500fpm, rivals that of the standard pleated filters with at least double the holding capacity. Also, the PLEAT COMMANDER comes with its very own performance guarantee!*

*PLEAT COMMANDER Panel Filters are engineered with superior performance criteria in all facets of filtration including efficiency, resistance and dust-holding capacity to address today's challenging HVAC system requirements. As part of the most advanced and innovative line of HVAC filtration products, the CI PLEAT COMMANDER Panel Filter combines an excellent initial and life cycle resistance with a high dust-holding capacity. This combination provides optimum filter performance, creating the energy and operating cost savings desired in the demanding HVAC market. The CI PLEAT COMMANDER Panel Filter is backed by the outstanding customer service and on-time delivery that customers have come to expect from Columbus Industries.*

### Description and Benefits

#### Best Value

CI PLEAT COMMANDER Panel Filters provide value in panel filtration. CI uses polyester media produced in CI-owned and operated facilities to make panel filters. In fact, CI's environmentally responsible panel filters are manufactured with recycled products whenever possible. The CI PLEAT COMMANDER Panel Filters are available in a wide variety of filtration performance options to meet the needs of today's varied and challenging HVAC environments.

#### Removes Contaminants

CI PLEAT COMMANDER Panel Filters help to improve indoor air quality and remove contaminants from HVAC equipment and protect workers from dirty air and its damaging effects. The CI PLEAT COMMANDER Panel Filters will also extend the life of costly secondary filters. Equally important, the user-friendly filters are lightweight, durable and easy to install.

#### Self-Sealing to Prevent Air Bypass

With their self-sealing design, CI PLEAT COMMANDER Panel Filters prevent air bypass and increase efficiency performance. Each panel is heat-sealed around a sturdy internal grid that provides durability and structural integrity. The CI PLEAT COMMANDER Panel Filters use a progressive density fiber structure and incorporate a non-migrating tackifier for optimum filter performance in airflow, efficiency and depth loading. The filter's synthetic media is unaffected by ambient temperature changes or excess humidity.

#### Various Configurations

CI PLEAT COMMANDER Panel Filters are available in both single panel and linked configurations and are a suitable replacement for all commonly used pre-filters. The filters provide the best performance in both pre-filtration and stand alone applications.

Looking for LEED certification? CI PLEAT COMMANDER SL-5A Panel Filters can be used to meet new construction phase requirements for the Green Building Council's LEED certification program.

### Quick Facts

#### Features:

- Lower initial resistance 0.304 @500fpm
- High holding capacity of 270 grams for 24x24
- Provides lower operating costs
- Easy installation
- Self-sealing design to prevent air bypass
- Meets requirements for new construction phase of LEED's program
- Antimicrobial fibers are incorporated into the media

#### Applications:

- Commercial and industrial facilities
- Pharmaceutical
- Government and educational facilities
- Hospitals
- Paint booth/finishing

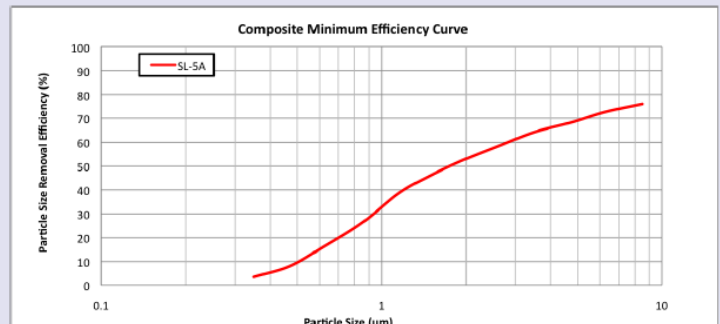
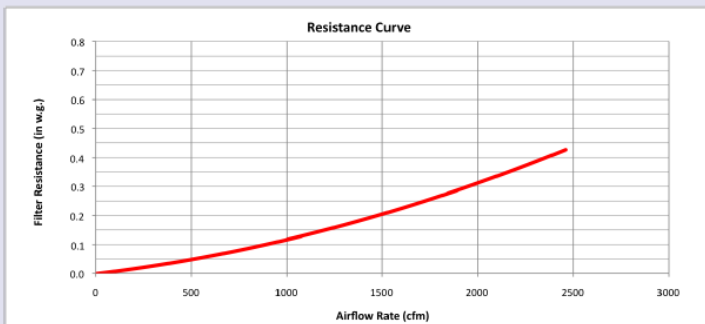
#### Technical:

- Available in variety of standard and custom sizes, in both individual panel and linked configurations
- Available in MERV 8
- Tested in accordance with ASHRAE Test Standard 52.2-2007
- UL Standard 900 tested and approved
- 100% synthetic media
- Temperature rated up to 160°F

# CI PLEAT COMMANDER Panel Filters

Filter Type	MERV	Rated Face Velocity (FPM)		Initial Airflow Resistance (in w.g.)	
		Med	High	Med	High
SL-5A	8	300	500	0.16	0.30

Filter Size Nominal	Filter Size Exact (WxHxD)	Rated Airflow Capacity (CFM)	
		Med	High
10x20	11-1/4 x 21-1/2	420	700
12x12	13-1/4 x 13-1/2	300	500
12x20	13-1/4 x 21-1/2	500	800
12x24	13-1/4 x 25-1/2	600	1000
14x16	15-1/4 x 17-1/2	470	780
14x20	15-1/4 x 21-1/2	580	970
14x25	15-1/4 x 26-1/2	730	1220
15x20	16-1/4 x 21-1/2	630	1040
15x24	16-1/4 x 25-1/2	750	1250
16x16	17-1/4 x 17-1/2	530	890
16x18	17-1/4 x 19-1/2	600	1000
16x20	17-1/4 x 21-1/2	670	1110
16x22	17-1/4 x 23-1/2	730	1220
16x24	17-1/4 x 25-1/2	800	1330
16x25	17-1/4 x 26-1/2	830	1390
18x20	19-1/4 x 21-1/2	750	1250
18x24	19-1/4 x 25-1/2	900	1500
18x25	19-1/4 x 26-1/2	940	1560
20x20	21-1/4 x 21-1/2	830	1390
20x22	21-1/4 x 23-1/2	920	1530
20x24	21-1/4 x 25-1/2	1000	1670
20x25	21-1/4 x 26-1/2	1040	1740
22x24	23-1/4 x 25-1/2	1100	1830
22x25	23-1/4 x 26-1/2	1150	1910
24x24	25-1/4 x 25-1/2	1200	2000
25x25	26-1/4 x 26-1/2	1300	2170



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