Performance Engineered Air Filter Products

Columbus Industries, Inc.

50 YEARS Columbus Industries, Inc. 1965–2015

CI Supra*loft*® Panel Filters

SL-1A, SL-2A, SL-3A, SL-3, SL-4, SL-5A, SL-5

MERV 6, 7, 8, & 10

*CI Supra**loft**® 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 Supra**loft**® 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 Supra**loft**® 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 Supra*loft*® line of Panel Filters are one of the industry's best values in 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 Supra*loft*® 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 Supra*loft*® Panel Filters help to improve indoor air quality and remove contaminants from HVAC environments. Each panel filter is engineered to protect both expensive HVAC equipment and workers from dirty air and its damaging effects. The CI Supra*loft*® 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, the CI Supra*loft*® 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 Supra*loft*® 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 Supra*loft*® 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 standalone applications.

Looking for LEED certification? CI Supra*loft*® Panel Filters SL-3A, SL-3, SL-4, SL-5A and SL-5 can be used to meet new construction phase requirements for the Green Building Council's LEED certification program.

Quick Facts

Features:

- Provides lower in class initial resistance
- Provides higher holding capacity and longer service life
- Provides lower operating cost
- SL-3A, SL-3, SL-4, SL-5A and SL-5 meet requirements for new construction phase of LEED's program
- Self-sealing design to prevent air bypass
- Select filters consist of recycled components
- Some made with antimicrobial fibers

Applications:

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

Technical:

- Available in a variety of standard and custom sizes, in both individual panel and linked configurations
- Available in MERV 6, 7, 8 and 10
- Tested in accordance with ASHRAE Test Standard 52.2-2007
- UL Standard 900 tested and approved
- 100% synthetic media
- Temperature rated up to 175°F

CI Supra*loft*® Panel Filters

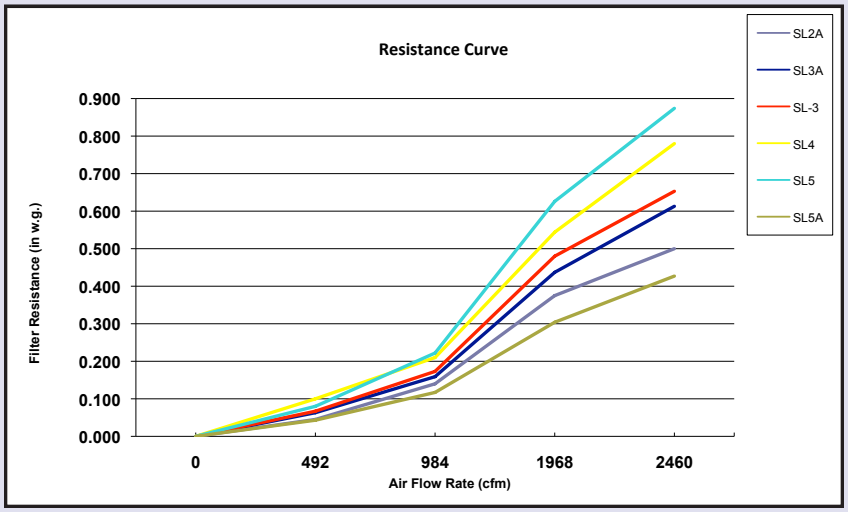
SL-1A, SL-2A, SL-3A, SL-3, SL-4, SL-5A, SL-5

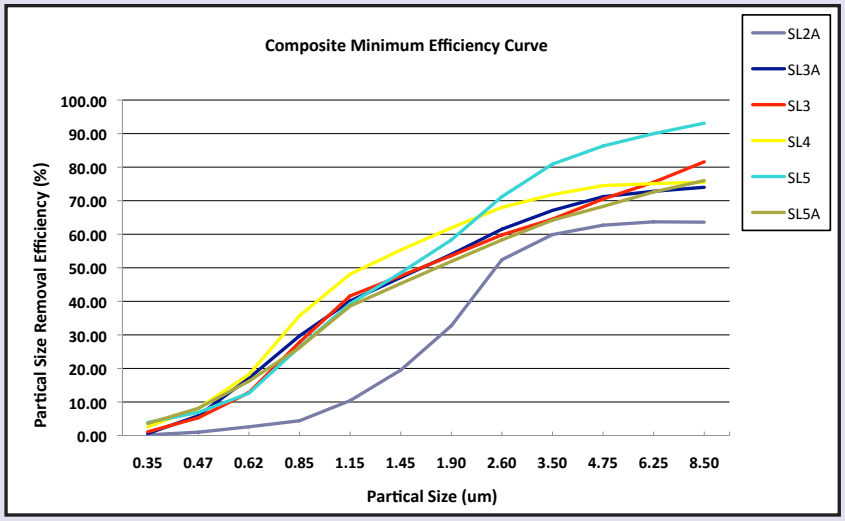
SL-5A is the new **PLEAT COMMANDER**® Panel Filter which combines efficiency and holding capacity in a low initial resistance filter.

Panel Filters can provide DOUBLE THE LIFE guarantee over a traditional pleated air filter.

Filter Type	MERV	Rated Face Velocity (FPM)		Initial Airflow Resistance (in w.g.)	
		Med	High	Med	High
SL-1A	6	300	500	0.19	0.40
SL-2A	7	300	500	0.18	0.38
SL-3A	8	300	500	0.18	0.36
SL-3	8	300	500	0.22	0.45
SL-4	8	300	500	0.25	0.52
SL-5A	8	300	500	0.16	0.30
SL-5	10	300	500	0.28	0.58

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





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Columbus Industries, Inc.

2938 State Route 752 • P.O.Box 257 • Ashville, Ohio 43103-0257
Phone: 740.983.2552 • Fax: 740.983.4622
www.colind.com • E-mail: ci@colind.com