

CI Supra^{loft}® Panel Filters SL-2A, SL-3A, SL-3, SL-4, SL-5 MERV 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 a part of the most advanced and innovative line of HVAC filtration products, the CI Supra^{loft}® Panel Filter combines an excellent initial and lifecycle 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

CI Supra^{loft}® Panel Filters are one of the industry's best values in panel filtration. CI only 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.

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.

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.

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 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 initial resistance
- Provides lower energy consumption
- Provides lower operating cost
- Meets requirements for new construction phase of LEED's program
- Self-sealing design to prevent air bypass
- Select filters consist of recycled components

Applications:

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

Technical:

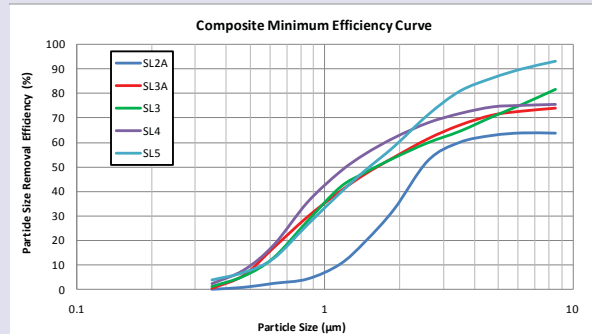
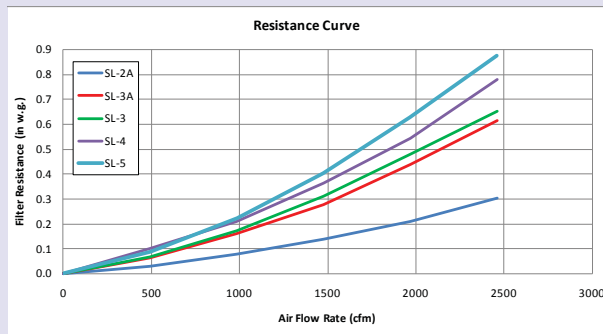
- Available in a variety of standard and custom sizes, in both individual panel and linked configurations
- Available in MERV 7, 8 & 10
- Tested in accordance with ASHRAE Test Standard 52.2-2007
- UL Standard 900 tested and approved
- 100% synthetic media
- Temperature rated up to 160°F

CI Supraloft® Panel Filters

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

Filter Type	MERV	Rated Face Velocity (FPM)		Initial Air Flow Resistance (in w.g.)	
		Med	High	Med	High
SL-2A	7	300	500	0.18	0.36
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-5	10	300	500	0.28	0.58

Filter Size Nominal (WxHxD)	Filter Size Exact (WxHxD)	Rated Air Flow 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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