

Donaldson LITHOGUARD filtration cabinets offer the broadest range of protection for your lithography tools and processes. Building upon the success of earlier designs, the LITHOGUARD v2.0 provides a more compact unit than either the LITHOGUARD v1.0 or CFS cabinet. Donaldson's proprietary parallel airflow distribution, designed using Fluent® analysis and advanced computer technology, ensures optimum contaminant removal efficiency.

- Standard sized filters common to other LITHOGUARD cabinets
- Different types of filtration media available
- Configurable to meet your air flow requirements
- Integrated air-inlet supply fans available
- Stainless steel construction
- Transition options
- Global sales and service



SPECIFICATIONS

Airflow

- Designed for 210 cfm (360 m³/h) airflow per filter. A LITHOGUARD filtration unit typically has two, five, or seven filters.

Utility requirements

- Clean compressed air or with a supply line pressure of 25 to 300 psi (172 - 2068 kPa).

Options

- Units available in two, five or seven filter configurations as standard
- Integrated fans available for all units (with CE and UL approvals), single-phase and three-phase motors
- Variable frequency drives or mechanical airflow control



LITHOGUARD® SERIES CHEMICAL CONTAMINATION FILTRATION CABINETS

LITHOGUARD CABINETS

Filtration Systems	2-High Unit	5-High Unit	7-High Unit
Rated Airflow per System	420 cfm (714 m³/h)	1050 cfm (1785 m³/h)	1470 cfm (2500 m³/h)
Dimensions	26.88" W (683 mm) 27.85" D (707 mm) 29.27" D (744 mm)	26.88" W (683 mm) 27.85" D (707 mm) 60.98" D (1540 mm)	26.88" W (683 mm) 27.85" D (707 mm) 82.12" D (2086 mm)
Approximate Weight with Filters Installed	260 lbs (118 kg)	650 lbs (295 kg)	910 lbs (413 kg)

Filter Part #s / Dimensions	P197950 - Standard	} 335 mm x 630 mm x 155 mm 13.2" x 24.8" x 6.1" 42 lbs / 19 kg
	P199595 - BSM	
	P510610 - BSMmax	

* LITHOGUARD-12 Cabinet information is featured on a separate data sheet.

Contact Donaldson today for more information!



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