



# LITHOGUARD® V2.0 SERIES CHEMICAL CONTAMINATION FILTRATION CABINETS

Semiconductor Filtration

Donaldson **LITHOGUARD®** filtration cabinets, along with BSMmax filters, offer the broadest range of protection for your lithography tools and processes. LITHOGUARD systems are available in 2, 5 and 7 filter configurations, all designed to minimize footprint. Donaldson's proprietary parallel airflow distribution was designed using Fluent® analysis, ensuring optimum contaminant removal efficiency.

- Various types of filtration technologies available
- Three cabinet sizes to meet your air flow requirements
- Integrated supply fan available on 2-filter unit
- Stainless steel construction
- Inlet and outlet transitions available
- Global sales and service

## UTILITY REQUIREMENTS

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



## SPECIFICATIONS

| SYSTEM*    | DESIGN AIRFLOW |                   | DIMENSIONS |     |       |     |    |       | APPROXIMATE WEIGHT<br>(WITH FILTERS INSTALLED) |     |
|------------|----------------|-------------------|------------|-----|-------|-----|----|-------|--|-----|
|            |                |                   | W          |     | D     |     | H  |       |  |     |
|            | CFM            | M <sup>3</sup> /H | IN         | MM  | IN    | MM  | IN | MM    | LBS  | KG  |
| 2 – FILTER | 420            | 714               | 26.88      | 683 | 27.85 | 707 | 48 | 1,219 | 286  | 130 |
| 5 – FILTER | 1,050          | 1,785             | 26.88      | 683 | 27.85 | 707 | 69 | 1,747 | 650  | 295 |
| 7 – FILTER | 1,470          | 2,500             | 26.88      | 683 | 27.85 | 707 | 87 | 2,210 | 910  | 413 |

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

| FILTER         | DESIGN AIRFLOW |                   | DIMENSIONS |     |      |     |     |     | APPROXIMATE WEIGHT |      |
|----------------|----------------|-------------------|------------|-----|------|-----|-----|-----|--------------------|------|
|                |                |                   | W          |     | L    |     | D   |     |                    |      |
|                | CFM            | M <sup>3</sup> /H | IN         | MM  | IN   | MM  | IN  | MM  | LBS                | KG   |
| BSMMAX P510610 | 210            | 357               | 13.2       | 335 | 24.8 | 630 | 6.1 | 155 | 36                 | 16.3 |

**For more information, contact your local Donaldson office today!**

### Important Notice

Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.

Donaldson Company, Inc.  
Semiconductor  
PO Box 1299  
Minneapolis, MN 55440-1299 U.S.A.  
**lithoguard.com | donaldson.com**  
semiconductor@donaldson.com

United States of America:  
1-952-887-3700

Europe, Middle East, & Africa:  
+32 16 38 3710

Japan  
+81 42 540 4119

Korea:  
+82 2 517 3333

Singapore:  
+65 6311 7373

Taiwan, Hong Kong, & China:  
+886 2 2698 0712 ext.15

F117974 ENG (06/17) Lithoguard Series Filtration Cabinets © 2009-2017 Donaldson Company, Inc. Donaldson, Lithoguard and the color blue are marks of Donaldson Company, Inc. All other marks belong to their respective owners.