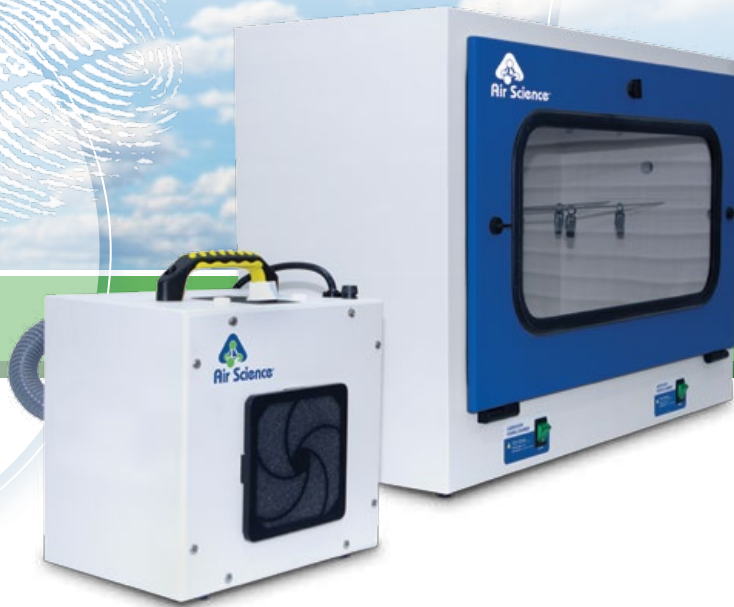


# Fumechamber™

## Safe, Effective Latent Print Development Using Cyanoacrylate

Lift prints from varied surfaces using the Air Science Fume Extractor to filter the chemicals from the air

4 • 6.5 • EX



— BLC-4 and BLC-EX

### INTRODUCTION

The Air Science Laboratory Fuming Chamber is an effective way to use cyanoacrylate fuming for latent print development on various surfaces.

The Air Science Fume Extraction unit allows for safe purging of the cyanoacrylate when the printing cycle is complete.

### STANDARD FEATURES

In the basic fuming chamber, vapors of cyanoacrylate combine with fingerprint residues and polymerize to form a hard, whitish deposit. Once developed, such prints may either be photographed without further treatment, may be enhanced by dusting with powders for subsequent lifting by tape or stained with dyes.

The fume extractor is a self-contained cyanoacrylate filtration system that connects directly to the Laboratory Fuming Chambers via the inlet port. The noxious odors and fumes inside the chamber are drawn through a >99% efficient filtering system comprised of a HEPA Filter and an activated Filter.





**PRODUCT FEATURES:**

- A. Heating Elements:** Multiple heating elements, operating independently or simultaneously, allow for safe accelerated cyanoacrylate development of latent prints.
- B. Door:** The heater elements are self-limited for precise surface temperatures and a large clear front door panel allows for close monitoring of latent print development.
- C. Inlet Ports:** Two inlet ports will accommodate accessories such as the optional Fume Extractor, portable humidifier, and standard fuming wands.
- D. Blower:** The unit is equipped with a low noise blower and built-in timer adjustable for up to 30 minute cycles, as well as a continuous running position.
- E. Timer:** Select the extraction time needed and handle other tasks while the fume extraction unit purges harmful vapors from the chambers.

BLC-6.5 and BLC-EX

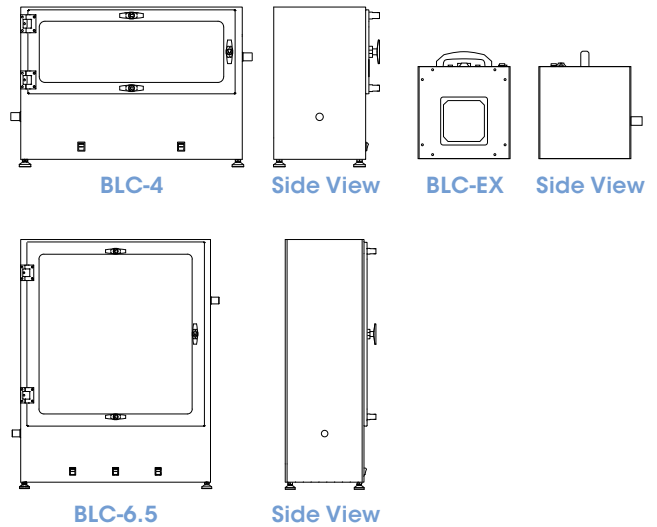
| MODEL                       | DIMENSIONS                               |                                       | WEIGHT (lbs/Kg) |         |
|-----------------------------|--|---------------------------------------|-----------------|---------|
|                             | External (W x D x H)                     | Shipping (W x D x H)                  | Net             | Ship    |
| <b>Fuming Chamber</b>       |  |                                       |                 |         |
| BLC-4                       | 31" x 13" x 21"<br>787 x 330 x 533 mm    | 36" x 13" x 26"<br>914 x 330 x 660 mm | 27 / 12         | 30 / 14 |
| BLC-6.5                     | 31" x 13" x 34"<br>787 x 330 x 864 mm    | 36" x 18" x 36"<br>914 x 457 x 914 mm | 43 / 19         | 45 / 20 |
| <b>Fume Extraction Unit</b> |  |                                       |                 |         |
| BLC-EX                      | 9.5" x 9.5" x 9.5"<br>241 x 241 x 241 mm | 16" x 16" x 16"<br>406 x 406 x 406 mm | 17 / 7          | 19 / 9  |

**PRODUCT SPECIFICATIONS**

| Fuming Chamber                      | BLC-4   | BLC-6.5   |
|-------------------------------------|---|-----------|
| Processing Volume (cu.ft. / litres) | 4 / 113   | 6.5 / 184 |
| Construction                        | <... White epoxy coated steel. ...>   |           |
| Door                                | <... UV absorbing transparent window. ...>  |           |
| Electrical                          | <... 120v 60hz, or 230v 50hz available, specify when ordering. Other voltages available. ...> |           |
| Electrical Switches                 | <... Hotplate on/off. ...>  |           |
| Number of Hotplates                 | 2   | 3         |
| Hanging Bar Levels                  | 2   | 3         |
| Hanging Rods / Clips                | 4 / 16  | 6 / 24    |
| Inlet Ports                         | 2   | 2         |

| Fume Extraction Unit | BLC-EX  |
|----------------------|---|
| Construction         | White epoxy coated steel.   |
| Airflow (CFM)        | 228   |
| Hose Length          | 36" / 914 mm  |
| HEPA Filter          | 99.99% for .3 micron  |
| Carbon Filter        | 3 lbs / 76 Kg   |
| Electrical           | Adjustable timer for mains on/off.  |
| Voltage              | 120v 60hz, or 230v 50hz available, specify when ordering. Other voltages available. |

Specifications are subject to change without notice.



**OPTIONS AND ACCESSORIES**

**Laboratory Fuming Chamber**

|   |           |
|---|-----------|
| Portable Humidifier and Hose  | PHUM-BLC  |
| Door Lock   | DLOCK-BLC |
| Start-Up Kit - includes 20 gram bottle super glue, and 25 glue dishes | START-BLC |



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