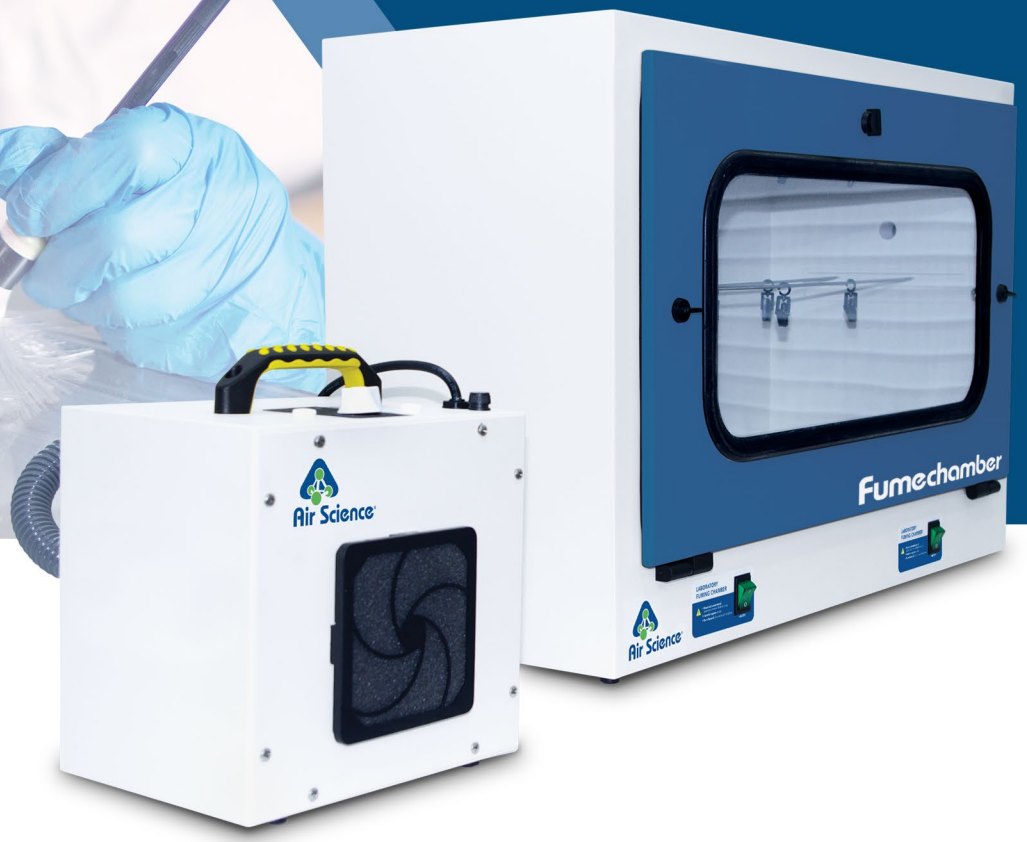
Air Science®

FumeCHAMBER™

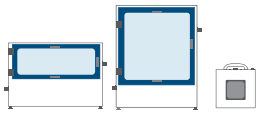
Laboratory Fuming Chamber

- Safe, Effective Latent Print Development Using Cyanoacrylate
- Fume Extractor Filters the Chemicals from the Air



BLC-4 and BLC-EX

Operator Vapor



4 6.5 EX

ENERGY STAR PARTNER

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ISO 9001:2015
ISO 14001:2015

CONTENTS:

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INTRODUCTION

The laboratory fuming chamber is an effective way to use cyanoacrylate fuming for latent print development on various surfaces. The Fume Extraction unit allows for safe purging of the cyanoacrylate when the printing cycle is complete.

APPLICATIONS

Using innovative filtration technology, the Fume CHAMBER creates a safe work environment over the widest range of applications in the industry.

Compounding / Balance Enclosures, Microscopes and Robotic Equipment / Forensics / Histology / Educational / Microscopy / Mobile and Classroom Demonstrations / Pharmaceutical / Powder Fingerprinting / Powder Weighing / Sample Prep Work / Soldering / Solvent Cleaning and Welding / Veterinary / Dental

Deep into its second generation, Air Science embraces the diversity and cultural heritage of the founders and co-workers who are continuing a tradition of excellence. Demonstrating a commitment to adaptation, inclusion and quality output from a United States-based company with a domestic and global reach.

KEY 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 or 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 an activated carbon filter.

DESIGN FEATURES

A. Heating Elements. Multiple heating elements, operating independently or simultaneously, allow for safe accelerated cyanoacrylate development of latent prints.

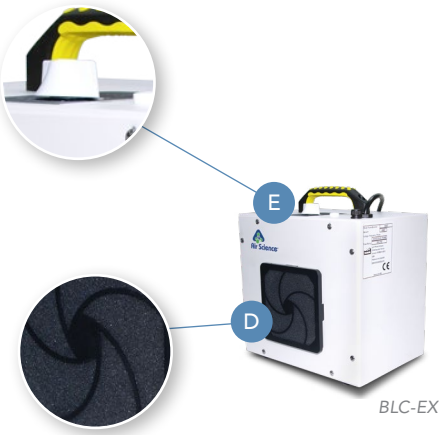
B. Door. The heater elements are self-limited for precise surface temperatures and a large clear front door panel allows for close monitoring of latent print development.

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



BLC-EX

120 6th Street, Fort Myers, FL 33907
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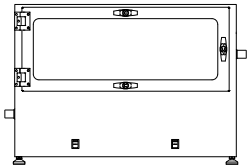
Specifications are subject to change without notice or obligation on the part of Air Science. For questions contact Air Science.

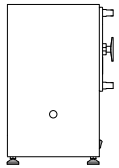
[1] *Energy consumption disclosure is based on internal testing with primary filters during normal operation. Power consumption published is nominal and dependent on cabinet size.*

Get a Quote.

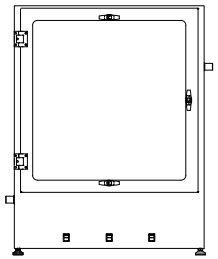
BLC-4



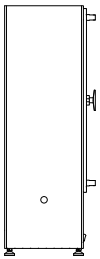
BLC-4 Side View



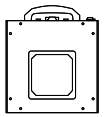
BLC-6.5



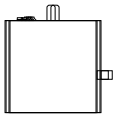
BLC-6.5 Side View



BLC-EX



BLC-EX Side View



MODEL	DIMENSIONS			WEIGHT (LBS/KG)	
Metal	Internal (W × D × H)	External (W × D × H)	Shipping (W × D × H)	Net	Ship
Fuming Chamber					
BLC-4	30.5" × 12.5" × 17" / 775× 318 × 432 mm	31" × 13" × 21" / 787× 330 × 533 mm	36" × 13" × 26" / 914 × 330 × 660 mm	27 / 12	30 / 14
BLC-6.5	30.5" × 12.5" × 31" / 775× 318 × 787 mm	31" × 13" × 34" / 787 × 330 × 864 mm	36" × 18" × 36" / 914 × 457 × 914 mm	43 / 19	45 / 20
Fuming Extraction Unit					
BLC-EX	--	9.5" × 9.5" × 9.5" / 241 × 241 × 241 mm	16" × 16" × 16" / 406 × 406 × 406 mm	17 / 7	19 / 9

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PRODUCT SPECIFICATIONS

Fuming Chamber

Construction	BLC-4	BLC-6.5
Finish	<··· White epoxy coated steel. ···>	
Door	<··· UV absorbing transparent window. ···>	
Controls	<··· Hotplate On/Off. ···>	
Electrical	<··· 120V, 60Hz or 230V, 50Hz voltages available. Specify when ordering. Other voltage options available. ···>	
Number of Hotplates	2	3
Hanging Bar Levels	2	3
Hanging Rod / Clips	4 / 16	6 / 24
Intel Ports	2	

PRODUCT SPECIFICATIONS

Fume Extraction Unit

Construction	BLC-EX
Finish	<··· White epoxy coated steel. ···>
Controls	<··· Adjustable timer for Mains On/Off. ···>
Electrical	<··· 120V, 60Hz or 230V, 50Hz voltages available. Specify when ordering. Other voltage options available. ···>
Hose Length	<··· 36" / 914 mm. ···>
Carbon Filter	<··· 3 lbs / 76 kg. ···>

FILTER SUMMARY*

Formula	Description
GP Plus!	The most widely used filter in the range, primarily for solvent, organic and alcohol removal.
HEPA/UPLA	Powders and particulates.

**Other formulas may be available.*

OPTIONS & ACCESSORIES

Fuming Chamber

Portable Humidifier and Hose	External humidifier accelerates development of prints	PHUM-BLC

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WARRANTY

This product is protected by the Air Science Legacy Limited Lifetime Warranty™.

For details visit the Warranty section of our website.

STANDARDS & COMPLIANCE

Quality Management Systems	ISO 9001:2015
Environment	ISO 14001:2015 ENERGY STAR® Partner

Air Science®

120 6th Street \ Fort Myers, FL 33907
T. 239-489-0024 \ **Toll Free.** 800-306-0656 \ **F.** 800-306-0677
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