



World Class Printing Systems
for **Real World Applications**



ENHANCED FUME EXTRACTION

Squid Ink’s SQ-LFX Laser Fume Extraction System pairs with Squid Ink’s laser marking systems and is designed to exceed the fume extraction demands of your laser marking application. Manufactured by industry leader Bofa™ for Squid Ink, the SQ-LFX fume extractor is the most technically advanced compact laser fume extractor.

EASE OF OPERATION WITH IQ

The SQ-LFX has been enhanced with BOFA’s iQ Operating System, reverse flow air filter (RFA), and advanced carbon filter (ACF) technology and packs a powerful range of unique features into one compact unit. The iQ Operating System provides numerous benefits: operators benefit from the ease of operation and clarity of real time information and the system provides a cache of analytical data, enabling users to download performance and operating parameters for evaluation purposes.

PERFORMANCE WITH SAFETY IN MIND

The SQ-LFX design features keep your air filtration system running at peak performance levels while reducing your maintenance downtime. ACF technology ensures the safe capture and removal of hazardous fumes by balancing the system’s air flow rates with the type, depth, and surface area of SQ-LFX’s carbon filters. To increase your filter life, the unit is designed with reverse flow air technology to cause larger particulates to fall out of the airstream into the filter’s drop out chamber, resulting in less particulates being trapped in the filter and prolonging the life of your filter.

DESIGNED FOR YOUR OPERATION

The SQ-LFX is designed to meet the harsh demands of your application. The extraction system features a durable, easy-to-read high contrast display, industrial strength cabinet shell, small footprint, lockable castors for easy movement within your facility, and low noise operation. You can be confident that the SQ-LFX’s rugged and complete design will withstand abusive industrial environments while providing the superior air filtration you have come to expect from Bofa and Squid Ink.

THE RIGHT SOLUTION

Rugged design. Low maintenance operation. User friendly and informative operating system. Low cost of ownership. Your benefits go on and on. When it comes to industrial air filtration, rely on Squid Ink to provide the right solution for your laser marking and fume extraction needs.





1) Large cabinet door completely opens for operator monitoring and easy filter changes.

2) Connections for air hose and laser interlock are located on back of cabinet.

3) Folded pleat glass fibre pre-filter filters .8 microns to 92% efficiency.

4) HEPA combined glass fibre filter filters .3 microns to 99.997% efficiency

STANDARD FEATURES:

- iQ Operating System
- Automatic Flow Control
- Reverse Flow Air filter technology (RFA)
- Advanced Carbon Filter technology (ACF)
- Auto sensing voltage (90-257v) - For global use
- High contrast display
- Real time airflow reading
- Filter status warnings
- Independent filter condition monitoring
- Run safe (filters must be installed correctly for the unit to operate)
- Low cost replacement filters
- Low noise levels
- Lockable castors
- Operating Environment - 34°F - 104°F (1° - 40°C)
- Small footprint
- Remote diagnostics via USB
- VOC gas sensor (Volatile Organic Compound)
- Interfacing with host laser
- Remote stop / start interface
- Filter change / System fail signal

TECHNICAL SPECIFICATIONS

- **Dimensions** - 29" (H) x 17" (W) x 20" (D) (730mm x 430 mm x 515 mm)
- **Cabinet Construction** - Brushed stainless steel
- **Airflow / Pressure** - **115v** - 223cfm /96mbar **230v** - 380m³/hr / 96mbar
- **Electrical Data** - 90 - 257v 1ph 50/60Hz, Full load current:12.5 amps / 1.1kw
- **Noise Level** - < 60dBA
- **Weight** - 121lbs (55kg)
- **Approvals** - CE, UL

PRE FILTER SPECIFICATIONS

- **Surface Media Area Approximately** - 2.97m²
- **Filter Media** - Glass Fibre
- **Filter Media Construction** - Folded Pleat
- **Filter Housing** - Cardboard
- **Filter Efficiency** - F8 (92% @ 0.8 microns)

COMBINED FILTER SPECIFICATIONS

- **HEPA Filter Media** - Glass Fibre
- **HEPA Media Construction** - Maxi Pleat With Webbing Spacers
- **Filter Housing** - Zintec Mild Steel
- **Treated Activated Carbon** - 15kgs
- **Filter Efficiency** - 99.997% @ 0.3 microns



7041 Boone Avenue North, Brooklyn Park, MN 55428
 (763) 795-8856 1 (800) 877-5658
 www.squidink.com info@squidink.com



ENGAGE technologies corporation