

Weld Fume Control System Selection Guide

Portable Units

MOBIFLEX® 100-NF⁽¹⁾



Non-Filtration

(1) Shown with required options.

MINIFLEX®



Disposable Filter

X-TRACTOR® 1GC



Manual Filter Cleaning

MOBIFLEX® 200-M⁽¹⁾



Disposable Filter

MOBIFLEX® 400-MS⁽¹⁾



Self-Cleaning Filter

Mobile Units

Stationary Units

STATIFLEX® 200-M



Wall Mounted Single or Dual
Arm Fume Extractor
Disposable Filter

STATIFLEX® 400-MS



Wall Mounted Single Arm
Fume Extractor
Self-Cleaning Filter

X-TRACTOR®
3A/5A/8A



Fume Gun Capacity 3/5/8

DOWNFLEX® TABLE
100-NF, 200-M & 400-MS/A



Workbench and Fume
Extraction Downdraft Tables

GUARDIAN™ FIRE SAFETY SOLUTION
WITH THE STATIFLEX® FILTER BANK



Complete Central System
shown with Guardian™
components installed to
reduce the risk of filter fires for
welding fume extraction and
filtration systems.

ROBOTIC FUME EXTRACTION



MODULAR FUME
EXTRACTION



Modular Extraction
Hood shown with
optional Leg and
Leg Mounting Kits.
VERNON Tool™
unit sold
separately.

Arms

LTA 2.0-CW



Telescopic Arm:
5'-8.2' Range

LTA 2.0



Telescopic Arm:
3'-4.5' Range

LFA 2.0



Flexible Arm:
6.5' Range

LFA 3.1/4.1



Flexible Arm:
LFA 3.1-10' Range
LFA 4.1-13' Range

LFA 4.1-LC



Flexible Arm:
13' Range

EC 2/4 EXTENSION
CRANE



EC2: 7' Extension
EC4: 14' Extension

Fans

SF 2400



Capacity:
1 Extraction Arm

SF 4200



Capacity:
1 Extension Crane &
1 Extraction Arm

SF 7000



Capacity:
Up To 5
Extraction Arms

SF 12000



Capacity:
Up To 10
Extraction Arms

SF 15000



Capacity:
Up To 15
Extraction Arms

Central System Filters

X-TRACTOR®
26/36/52



Note: Maximum number of guns and/or
nozzles dependent on X-Tractor® model and
may be reduced based on duct lengths.

High Vacuum

Extraction Guns:
1-52 units

Extraction Nozzles:
1-30 units

STATIFLEX® 6000-MS



Low Vacuum

Manual Controls:
5-10 extraction arms

Automatic Controls:
5-15 extraction arms

Self-Cleaning Filter

STATIFLEX® FILTER BANK



Low Vacuum

Available with 2 to 48
filter cartridges
(4 cartridge model shown)

Self-Cleaning Filter

General Filtration

LOW VACUUM
CENTRAL SYSTEM



HIGH VACUUM
CENTRAL SYSTEM



PUSH PULL SYSTEMS



CIRCULATOR
SYSTEMS



Accessories

EN 20 Extraction Nozzle



EN 40 Extraction Nozzle



SHM Extraction
Nozzle



SHFA Extraction
Nozzle



UNM Heavy Duty Nozzle



MAGNUM® PRO
Fume Guns



Rating: 350A/550A

Use this handy System Selection Guide to help get your decision-making process started. Then, let the Lincoln Electric weld fume control experts help you zero-in on the solutions that are best matched to your specific needs.

Call **1-888-935-3878**, or email weldfumecontrol@lincolnelectric.com.



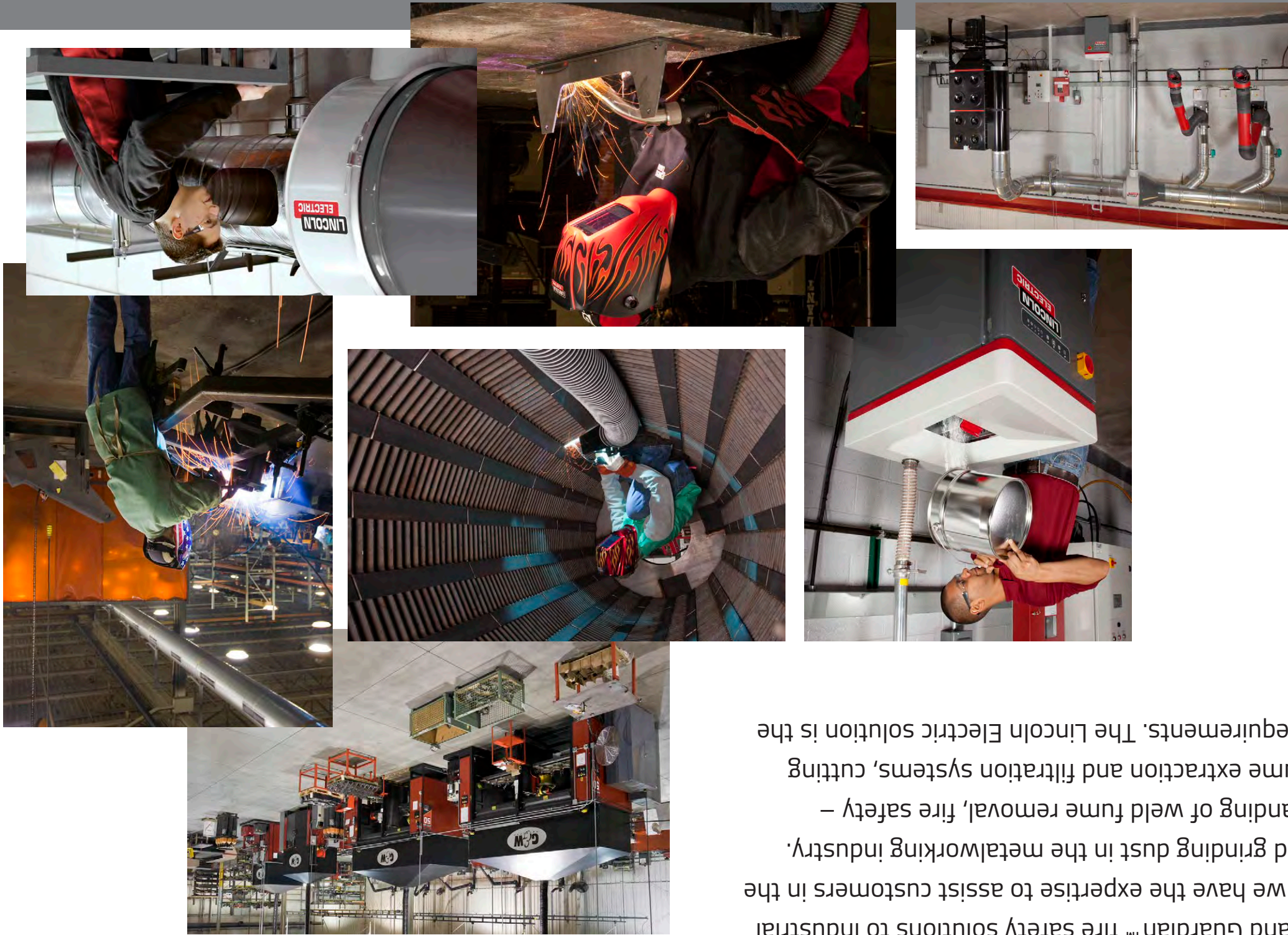
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Weld Fume Control for Industrial Manufacturing

Lincoln Electric provides weld fume extraction systems and Guardian™ fire safety solutions to industrial customers of all sizes. As a leader in weld fume control, we have the expertise to assist customers in the complete assessment and removal of welding fumes and grinding dust in the metalworking industry. Systems are designed and engineered with the understanding of weld fume removal, fire safety – prevention, detection and suppression of fires in weld fume extraction and filtration systems, cutting and welding application-specific needs and regulatory requirements. The Lincoln Electric solution is the right solution.

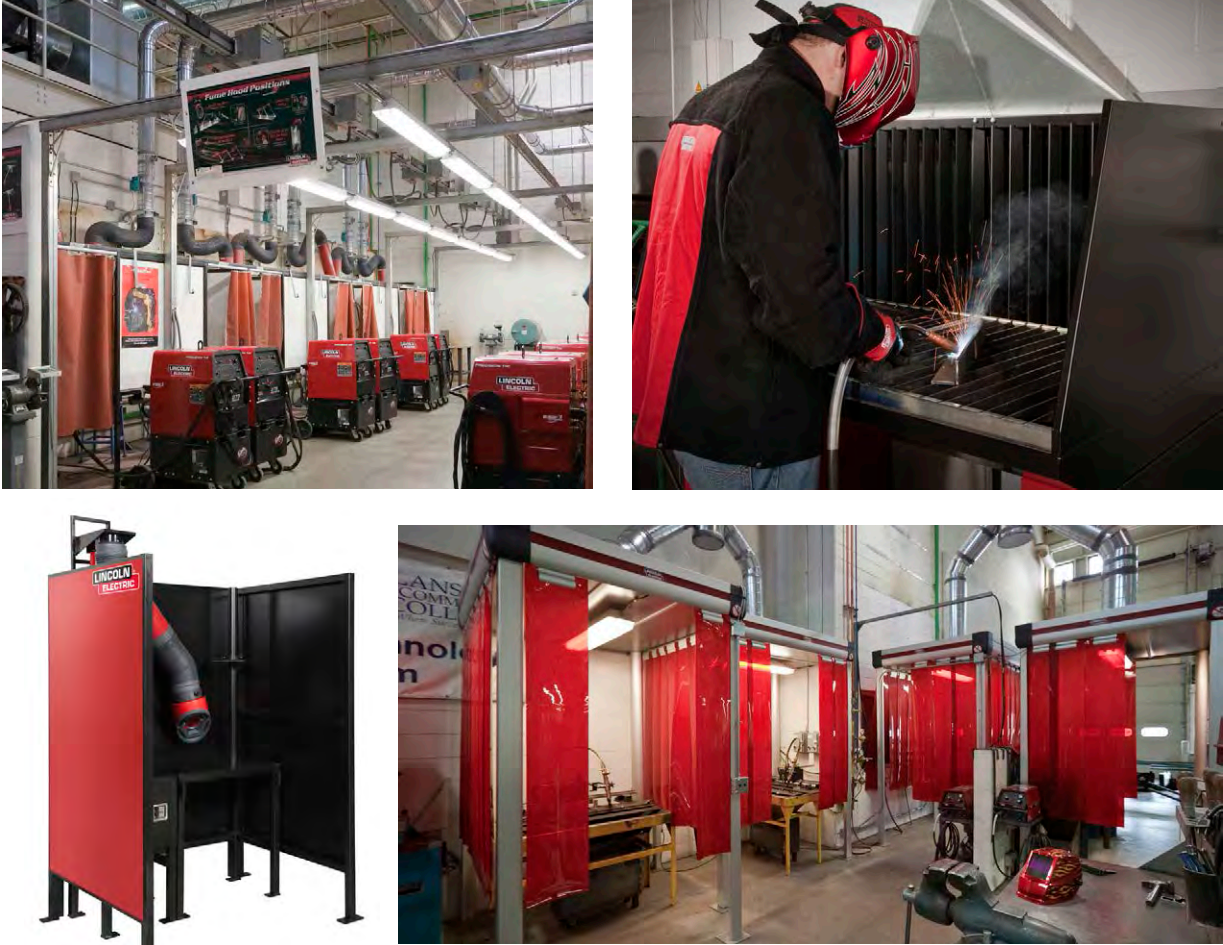
- Manual and Semiautomatic Welding
- Robotic Welding
- Cutting Applications
- General Ventilation
- Guardian™ Fire Safety Solutions
- Booths and Training Areas

Weld fume control solutions designed, developed, installed, serviced, trained and supported by a trusted partner...Lincoln Electric.



Weld Fume Control for Training Centers

Lincoln Electric offers a comprehensive product line of fume extraction solutions for training centers, educational facilities, schools and colleges. These solutions are supported by our technical sales engineers and reinforced with welding safety materials that are provided free of charge.



For arc welding safety information see:
www.lincolnweldfumecontrol.com
www.lincolnelectric.com/safety

The operation of welding fume control equipment is affected by various factors including proper use and positioning of the equipment, maintenance of the equipment and the specific welding procedure and application involved. Worker exposure level should be checked upon installation and periodically thereafter to be certain it is within applicable OSHA PEL and ACGIH TLV limits.

CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

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