

Environmental Systems (Fume Extraction)

Low Vacuum Solutions
High Vacuum Solutions
Miniflex® Portable Welding Fume Extractor
Central High & Low Vacuum Solutions

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Low Vacuum Solutions



ProSource™ LV extraction arms position easily to provide high air flow extraction for a variety of applications. These 203mm diameter arms and maintenance saving filter systems combine the finest features in the industry with the best value.

The lightweight arms position easily and hold their place without drifting. Versatility is a plus with the 360° rotatable hood, which can be fitted with a lamp kit and an arc sensor that activates the fan when sensing the arc flash. 3m or 4m arms are available for both mobile and wall mounted systems.

Statiflex® 200M and 400MS Wall Mounted Units

- Uses SF2400 wall mounted fan unit
- Uses 3m or 4m arms
- Optional Lamp Kit and Arc Sensor
- Auto filter cleaning with 400-MS
- Optional rail sets and extensions

STATIFLEX® 200-M FILTER PACKAGES

Statiflex® 200-M Stationary Filter Unit	KA1394-139
NCF Connection Flange	KA1394-149
CKS Connection Kit	KA1394-151
Statiflex® 2400 Extraction Fan	KA1394-126
LTA 2.0 Extraction Arm	KA1394-120
LFA 3.1 Extraction Arm	KA1394-121
LFA 4.1 Extraction Arm	KA1394-122
TMB Wall Bracket	KA1394-123
LMB Wall Bracket	KA1394-124
EC2 Bracket & Extension Jib	KA1394-129
EC4 Extension Jib	KA1394-130

OPTIONAL EQUIPMENT

Motor Protection Switch (1.6-2.5A)	KA1394-144
Control Box	KA1394-155
Thermal Relay Kit (NTR 1.7-2.4A)	KA1394-161
Cable Kit (NCW 11)	KA1394-158
Halogen Light for Arm Hood (WL)	KA1394-159
Automatic Stop/Start (AST)	KA1394-160
Replacement Filter Cartridge, 200-M (included with Statiflex® 200-M Base)	KA1394-153

STATIFLEX® 400-MS FILTER PACKAGES

Statiflex® 400-MS Stationary Filter Unit	KA1394-142
Control Box	KA1394-155
CKS Connection Kit	KA1394-151
Statiflex® 2400 Extraction Fan	KA1394-126
LTA 2.0 Extraction Arm	KA1394-120
LFA 3.1 Extraction Arm	KA1394-121
LFA 4.1 Extraction Arm	KA1394-122
TMB Wall Bracket	KA1394-123
LMB Wall Bracket	KA1394-124
EC2 Bracket & Extension Jib	KA1394-129
EC4 Extension Jib	KA1394-130

OPTIONAL EQUIPMENT

Motor Protection Switch (1.6-2.5A)	KA1394-144
Thermal Relay Kit (NTR 1.7-2.4A)	KA1394-161
Cable Kit (NCW 11)	KA1394-158
Halogen Light for Arm Hood (WL)	KA1394-159
Automatic Stop/Start (AST)	KA1394-160
Replacement Filter Cartridge, 400-MS (included with Statiflex® 400-MS Base)	KA1394-152



**LTA 2.0 Telescopic Arm
 (wall mounted only)**

- Spring balanced for easy operation
- 1-2m length
- 360 degree rotatable hood
- Throttle valve
- Includes mounting bracket

LFA3.1 and LFA4.1 Arms

- Spring balanced for easy operation
- 3m or 4m lengths
- 360 degree rotatable hood
- Throttle valve

**Mobiflex[®] 200M and 400MS Portable
 Carts**

- Uses 3m or 4m arms
- Optional Lamp Kit and Arc Sensor
- Auto filter cleaning with 400-MS

**Mobiflex[®] 100NF Portable Fan (not
 filtered)**

- Uses 5m suction hoses set with magnetic hood
- Uses 5m exhaust hose
- Optional 5m hose extension

Literature

E13.40

Mobiflex[®] 200-M Portable Carts Packages

3m Extraction Arm Package	
4m Extraction Arm Package	
5m Flexible Hose Package	
Mobiflex [®] 200M Base Unit	KA1394-135
LFA 3.1 Extraction Arm	KA1394-121
LFA 4.1 Extraction Arm	KA1394-122
SUS 5/203 Suction Hose Set	7900068030

OPTIONAL EQUIPMENT

Replacement Filter cartridge, 200-M (included with Mobiflex [®] 200-M Base Unit)	KA1394-153
Replacement Filter Cartridge, 200-M (included with Statiflex [®] 200-M Base	KA1394-153

**Halogen Light For Arm Hood Package
 Automatic Start/Stop Package**

Transformer Relay Kit	KA1394-156
Cable Kit (NCW 4)	KA1394-157
Halogen Light for Arm Hood (WL)	KA1394-159
Automatic Stop/Start (AST)	KA1394-160

Mobiflex[®] 400-MS Portable Carts Packages

4m Extraction Arm Package	
5m Flexible Hose Package	
Mobiflex 400-MS Base Unit	KA1394-162
LFA 3.1 Extraction Arm	KA1394-121
LFA 4.1 Extraction Arm	KA1394-122

OPTIONAL EQUIPMENT

Replacement Filter cartridge, 400-MS (included with Mobiflex [®] 400-MS Base Unit)	KA1394-152
Halogen Light For Arm Hood Package Automatic Start/Stop Package	
Cable Kit (NCW 4)	KA1394-157
Halogen Light for Arm Hood (WL)	KA1394-159
Automatic Stop/Start (AST)	KA1394-160

Mobiflex[®] 100NF Portable Fan (not filtered)

Mobiflex [®] 100-NF Base Unit	KA1394-132
5m Suction Hose Set, with Magnetic Hood	KA1394-133
5m Exhaust / Extension Hose Set	KA1394-134

High Vacuum Solutions



MB190A



MB500



Ask about our range of Lincoln Electric® fume extraction torches and nozzles



Lincoln Electric® High Vacuum Systems capture the fume right at the arc – before it reaches the operator's breathing zone. Connect fume extraction guns or suction heads with small diameter hose to portable, mobile or central systems for economical fume control. The MB190 and MB500 are excellent examples of portable and mobile systems.

MB190A

- Lightweight and portable
- Reusable filter.
- Unique, low mess filter cleaning system.
- Automatic Start/Stop via current sensor.

Ordering Information

KA1370-4 MB190A (240V/1)

Hose, guns and suction heads ordered separately:

Various suction heads available (refer literature)

K566-5 250A fume gun
K556-14 400A fume gun 3.7m
K556-15 400A fume gun 4.6m

Literature

J13.10

MB500

- Heavy duty.
- For up to 5 guns or 3 suction heads.
- Automatic filter cleaning.

Ordering Information

751882 MB500 (380/415/3)

Hose, guns and suction heads ordered separately:

Various suction heads available (refer literature)

K566-5 250A fume gun
K556-14 400A fume gun 3.7m
K556-15 400A fume gun 4.6m

Literature

J13.100

For more information contact Lincoln Electric's Automation Division
automation@lincolnelectric.com.au

Minibuster MB190A

Minibuster MB190A Auto Stop Start KA1370-4

Required Equipment:

- 1) Minibuster MB190A
- 2) Fume Extraction Nozzle or Fume Extraction Welding Gun

Fume Extraction Nozzles

SHFA Nozzle 150mm wide (including flexible steel hose) KA1370-9

UNM Nozzle 200mm wide Half circle shape KA1370-10

SHMT Nozzle 99 mm dia. Trumpet shape (including flexible steel hose) KA1370-5

SHM300 Nozzle 300mm wide KA1370-2

SHM300 Nozzle 400mm wide KA1370-36

SHM300 Nozzle 500mm wide KA1370-40

SLD26 for MIG gun - suits 26mm Gas Nozzle KA1370-3

SLD32 for MIG gun - suits 32mm Gas Nozzle KA1370-8

Fume Extraction Guns

For Innershield™ Welding

Innershield™ Squirt Gun K309

Innershield™ Squirt Gun K206

Innershield™ Squirt Gun K289-1

For MIG Welding

Magnum® 400XA MIG Gun. (Air Cooled 400 amp 4.6m cable) K556-14

Fast Mate Adaptor Kit K489-1

Note: Magnum® Fume Guns are fitted as standard with Fast Mate connectors.

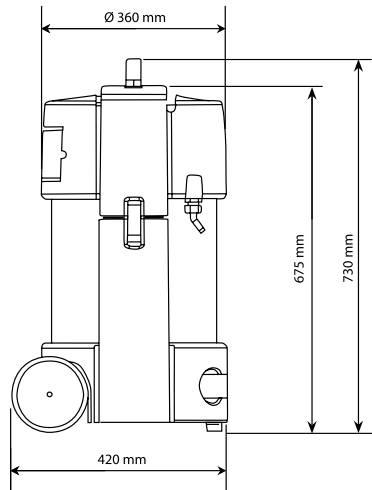
For LN25, LN7, LN7GMA, LN742 and LN9 a Fast Mate Adaptor Kit is required

Replacement Filter cartridge, MB190A (included with MB190A Base Unit) 470830

Miniflex[®] Portable Welding Fume Extractor



Dimensions Miniflex



Ask about our range of fume extraction nozzles.

- Lightweight and portable
- Disposable filter
- Auto stop/start
- Number of motors: 2
- Motor power consumption: 2 x 1kW
- Automatic start/stop switching: standard
- Power supply: 240V single-phase 50-60Hz
- Max. extraction capacity: position 1 – 160 m³/h position 2 – 230 m³/h
- Noise level with extraction torch installed: 70 (dBA)
- Main filter with spark arrester: 12m²
- Final filter: HEPA, filter class H12
- Filter efficiency: 99.9%
- Activated carbon filter: optional
- Set of wheels: standard
- Weight: 15kg

Literature

J13.100

Mini-Flex

Mini-Flex Auto Stop Start 7603001720

Required Equipment:

- 1) Miniflex[®]
- 2) Fume Extraction Nozzle or Fume Extraction Welding Gun

Fume Extraction Nozzles

MBH Wall bracket for stationary mounting 7915303000

HCH 45 Hose connection outlet side for controlled discharge of filtered fume 7900060050

NKT Nozzle Kit for welding torch diameter 24.5mm 2.5m hose incl 7900060030

NKC Nozzle Kit for welding torch diameter 27.5mm 2.5m hose incl 7900060040

EN 20 Funnel nozzle with magnetic foot and hose connection 7900060020

EN 40 Slit nozzle with magnetic foot and hose connection 7900060010

Extraction hose 2.5m 9880020100

Extraction hose 5.0m 9880020110

Fume Extraction Guns

For Innershield[®] Welding

Innershield[®] Squirt Gun K309

Innershield[®] Squirt Gun K206

Innershield[®] Squirt Gun K289-1

For MIG Welding

Magnum[®] 400XA MIG Gun. (Air Cooled 400 amp 4.6m cable) K556-14

Fast Mate Adaptor Kit K489-1

Note: Magnum[®] Fume Guns are fitted as standard with Fast Mate connectors.

For LN-25, LN-7, LN-7GMA, LN-742 and LN-9 a Fast Mate Adaptor Kit is required

Replacement main filter cartridge 9850060150

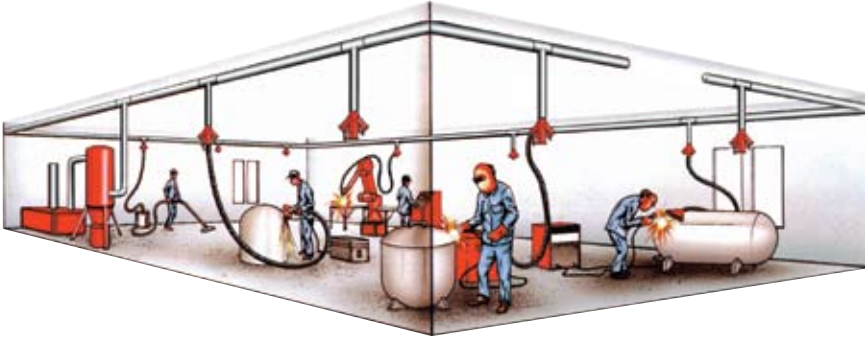
Replacement HEPA filter 9850060140

Replacement Activated carbon filter 9850070080

Environmental Systems (Fume Extraction)

Equipment

Central High Vacuum Solutions





For further information about a centralised vacuum solution tailored to your needs, contact Lincoln Electric's Automation Division.
automation@lincolnelectric.com.au
or 1300 LINCOLN



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