

FUME DOESN'T STAND A CHANCE

MOBIFLEX® MOBILE WELDING FUME EXTRACTORS

Mobiflex 400-MS featuring Automated Filter Cleaning shown with required Extraction arm

Mobiflex 200-M shown with required Extraction Arm



KEY FEATURES

The Mobiflex 200-M and 400-MS are low vacuum welding fume extraction and filtration systems. The mobile system is ideal for smaller manufacturing facilities that require light to medium duty welding fume extraction⁽¹⁾ in variable locations.

- » Generous airflow and larger filter capacity requires less change outs
- » Filter status indicator monitors the amount of particulate in the filter cartridge to alert the user for filter maintenance or replacement
- » Choose from a variety of extraction arms or a hose and hood set
- » The Arc Sensor provides automatic on and off operation in models having extraction arms equipped with an arc sensor and lamp kit

⁽¹⁾ Not suitable for use with plasma cutting, oxy-fuel, grinding or arc gouging operations.

Processes⁽¹⁾ »

Stick, TIG, MIG, Flux-Cored

Product Number »

Mobiflex 200-M:
K1653-4 (Base Unit, MERV 14 Filter)
K1653-5 (Base Unit, MERV 16 Filter)
K2497-12 (Base Unit Export, MERV 14 Filter)

Mobiflex 400-MS:
K1741-3 (Base Unit, MERV 14 Filter)
K1741-4 (Base Unit, MERV 16 Filter)
K2497-14 (Base Unit Export, MERV 14 Filter)

Input »

1 PHASE 60 Hz 50 Hz

* 50 Hz for export models,
60 Hz for North American models



KEY FEATURES Continued

- » **Internal Spark Arrestor** - Functions as a pre-filter for larger sized particulate, and prevents sparks from reaching the filter.
- » **Mobiflex 200-M** - Filter status indicator is a color-coded visual guide to show remaining filter life.
- » **Mobiflex 400-MS** - RotaPulse™ is an automatic filter cleaning system to extend filter life and reduce maintenance. [Compressed air required]

WHAT'S INCLUDED

Base Units

- » **Filter**
- » **Plastic Housing**
- » **2 ft (0.6 m) Flexible Hose**

RECOMMENDED ACCESSORIES



General

Fume Extraction Arms

These flexible, lightweight extraction arms are rugged, reliable, and dent and scratch resistant. Built with the welder in mind, the arms come equipped with the 360° rotatable hood for optimal positioning.

Order
LFA 3.1 (10 ft) and LFA 4.1 (13 ft) Extraction Arm

K2633-5 LFA 3.1

K2633-6 LFA 3.1 with arc sensor / lamp kit

K2633-7 LFA 4.1

K2633-8 LFA 4.1 with arc sensor / lamp kit



Hose and Hood Set

Length 16.4 ft (5 m)
Diameter 8 in (203 mm)
Order
K1668-3



Mobiflex 200-M Replacement Filters

MERV 14 Filter
Order
KP1673-1



MERV 16 (HE, Nano) Filter
Order
KP1673-9



Pre-Filter
Order
KP1673-5



Activated Carbon Filter (optional)
Fits over KP1673-1 and KP1673-9
Order
KP1852-1



Mobiflex 400-MS Replacement Filters

MERV 14 Filter
Order
KP1673-2



MERV 16 (HE, Nano) Filter
Order
KP1673-10



Pre-Filter
Order
KP1673-6

PACKAGES – WHAT'S INCLUDED

● Included

Description	Product Number	Base Unit		Arm Size/Type			
		MERV 14 Filter [K1653-4]	MERV 16 Filter [K1653-5]	LFA 3.1 10 ft (3 m) [K2633-5]	LFA 3.1 10 ft (3 m) with Arc Sensor/ Lamp Kit [K2633-6]	LFA 4.1 13 ft (4 m) [K2633-7]	LFA 4.1 13 ft (4 m) with Arc Sensor/ Lamp Kit [K2633-8]

Mobiflex 200-M with MERV 14 Filter

Mobiflex 200-M with LFA 3.1 10 ft (3 m) Arm One-Pak®	K4259-2	●		●			
Mobiflex 200-M with LFA 3.1 10 ft (3 m) Arm and Arc Sensor/Lamp Kit One-Pak	K4259-3	●			●		
Mobiflex 200-M with LFA 4.1 13 ft (4 m) Arm One-Pak	K4259-4	●				●	
Mobiflex 200-M with LFA 4.1 13 ft (4 m) Arm and Arc Sensor/Lamp Kit One-Pak	K4259-5	●					●

Mobiflex 200-M with MERV 16 Filter

Mobiflex 200-M with LFA 3.1 10 ft (3 m) Arm One-Pak	K4259-6		●	●			
Mobiflex 200-M with LFA 3.1 10 ft (3 m) Arm and Arc Sensor/Lamp Kit One-Pak	K4259-7		●		●		
Mobiflex 200-M with LFA 4.1 13 ft (4 m) Arm One-Pak	K4259-8		●			●	
Mobiflex 200-M with LFA 4.1 13 ft (4 m) Arm and Arc Sensor/Lamp Kit One-Pak	K4259-9		●				●

Description	Product Number	Base Unit		Arm Size/Type			
		MERV 14 Filter [K1741-3]	MERV 16 Filter [K1741-4]	LFA 3.1 10 ft (3 m) [K2633-5]	LFA 3.1 10 ft (3 m) with Arc Sensor/ Lamp Kit [K2633-6]	LFA 4.1 13 ft (4 m) [K2633-7]	LFA 4.1 13 ft (4 m) with Arc Sensor/ Lamp Kit [K2633-8]

Mobiflex 400-MS with MERV 14 Filter

Mobiflex 400-MS with LFA 3.1 10 ft. (3 m) Arm One-Pak	K4384-1	●		●			
Mobiflex 400-MS with LFA 3.1 10 ft. (3 m) Arm and Arc Sensor/Lamp Kit One-Pak	K4384-2	●			●		
Mobiflex 400-MS with LFA 4.1 13 ft. (4 m) Arm One-Pak	K4384-3	●				●	
Mobiflex 400-MS with LFA 4.1 13 ft. (4 m) Arm and Arc Sensor/Lamp Kit One-Pak	K4384-4	●					●

Mobiflex 400-MS with MERV 16 Filter

Mobiflex 400-MS with LFA 3.1 10 ft. (3 m) Arm One-Pak	K4384-5		●	●			
Mobiflex 400-MS with LFA 3.1 10 ft. (3 m) Arm and Arc Sensor/Lamp Kit One-Pak	K4384-6		●		●		
Mobiflex 400-MS with LFA 4.1 13 ft. (4 m) Arm One-Pak	K4384-7		●			●	
Mobiflex 400-MS with LFA 4.1 13 ft. (4 m) Arm and Arc Sensor/Lamp Kit One-Pak	K4384-8		●				●

PRODUCT SPECIFICATIONS

Product Name	Product Number	Filter Type	Filter Size ft ² (m ²)	Input Power Voltage/Phase/Hertz	Input Current	Dimensions H x W x D in. (mm)	Net Weight lbs. (kg)	
Mobiflex 200-M with MERV 14 Filter Base Unit	K1653-4	Cellulose	538 (50)	120/1/60	6.1A	36 x 32 x 48 (900 x 810 x 1210)	200 (90.7)	
Mobiflex 200-M (MERV 14 Filter) LFA 3.1 10 ft. Arm One-Pak	K4259-2						233 (105.7)	
Mobiflex 200-M (MERV 14 Filter) LFA 3.1 10 ft. Arm and Arc Sensor/Lamp Kit One-Pak	K4259-3						234 (106.1)	
Mobiflex 200-M (MERV 14 Filter) LFA 4.1 13 ft. Arm One-Pak	K4259-4						237 (107.5)	
Mobiflex 200-M (MERV 14 Filter) LFA 4.1 13 ft. Arm and Arc Sensor/Lamp Kit One-Pak	K4259-5						238 (108.0)	
Mobiflex 200-M (MERV 16 Filter) Base Unit	K1653-5						High-Efficiency MERV 16 Featuring Nano Fibers	209 (94.8)
Mobiflex 200-M (MERV 16 Filter) LFA 3.1 10 ft. Arm One-Pak	K4259-6							242 (109.8)
Mobiflex 200-M (MERV 16 Filter) LFA 3.1 10 ft. Arm and Arc Sensor/Lamp Kit One-Pak	K4259-7							243 (110.2)
Mobiflex 200-M (MERV 16 Filter) LFA 4.1 13 ft. Arm One-Pak	K4259-8							246 (111.6)
Mobiflex 200-M (MERV 16 Filter) LFA 4.1 13 ft. Arm and Arc Sensor/Lamp Kit One-Pak	K4259-9							247 (112.0)
Mobiflex 200-M (MERV 14 Filter) Base Unit Export	K2497-12	Cellulose		230/1/50	3.7A		204 (92.5)	
Mobiflex 400-MS (MERV 14 Filter) Base Unit	K1741-3	Cellulose	325 (30)	115/1/60	7.6A	40 x 32 x 48 (1020 x 810 x 1210)	220 (99.7)	
Mobiflex 400-MS (MERV 14 Filter) LFA 3.1 10 ft. Arm One-Pak	K4384-1						253 (114.7)	
Mobiflex 400-MS (MERV 14 Filter) LFA 3.1 10 ft. Arm and Arc Sensor/Lamp Kit One-Pak	K4384-2						254 (115.2)	
Mobiflex 400-MS (MERV 14 Filter) LFA 4.1 13 ft. Arm One-Pak	K4384-3						257 (116.5)	
Mobiflex 400-MS (MERV 14 Filter) LFA 4.1 13 ft. Arm and Arc Sensor/Lamp Kit One-Pak	K4384-4						258 (117.0)	
Mobiflex 400-MS (MERV 16 Filter) Base Unit	K1741-4						High-Efficiency MERV 16 Featuring Nano Fibers	229 (103.8)
Mobiflex 400-MS (MERV 16 Filter) LFA 3.1 10 ft. Arm One-Pak	K4384-5							262 (118.8)
Mobiflex 400-MS (MERV 16 Filter) LFA 3.1 10 ft. Arm and Arc Sensor/Lamp Kit One-Pak	K4384-6							263 (119.2)
Mobiflex 400-MS (MERV 16 Filter) LFA 4.1 13 ft. Arm One-Pak	K4384-7							266 (120.6)
Mobiflex 400-MS (MERV 16 Filter) LFA 4.1 13 ft. Arm and Arc Sensor/Lamp Kit One-Pak	K4384-8							267 (121.1)
Mobiflex 400-MS (MERV 14 Filter) Base Unit Export	K2497-14	Cellulose		230/1/50	3.8A		224 (101.6)	

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.

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