

# MSA-35L Smoke Absorber

## User Guide



Test Equipment Depot - 800.517.8431 - TestEquipmentDepot.com



The safe, compact, and efficient way to remove smoke and fumes while hand soldering

## MSA-35L Smoke Absorber

### SPECIFICATIONS

Model	MSA-35L-11	MSA-35L-23	MSA-35L-24
Input Voltage	120 VAC	220 VAC	220 VAC
Input Frequency	60Hz	50Hz	50Hz
Absorption Capacity Vertical Position	1.1 m <sup>3</sup> /min (38 cfm)	0,9 m <sup>3</sup> /min (32 cfm)	0,9 m <sup>3</sup> /min (32 cfm)
Absorption Capacity Horizontal Position	0.5 m <sup>3</sup> /min (18 cfm)	0,45 m <sup>3</sup> /min (16 cfm)	0,45 m <sup>3</sup> /min (16 cfm)
Noise level	48 dBA	45 dBA	45 dBA
Related Input Power	25 W	24 W	24 W
Dimensions H/W/D (mm)	217 (H) x 186 (W) x 111 (D)	217 (H) x 186 (W) x 111 (D)	217 (H) x 186 (W) x 111 (D)
Dimensions H/W/D (inches)	8.54" (H) x 7.32" (W) x 4.37" (D)	8.54" (H) x 7.32" (W) x 4.37" (D)	8.54" (H) x 7.32" (W) x 4.37" (D)
Certifications	CSA	CE	UKCE
Weight	0.93 kg/2.05 lbs.	0.91 g/2.0 lbs.	0.91 kg/2.0 lbs.



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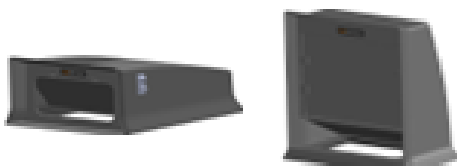
## User Guide



Add Filter



Plug into outlet



Position Unit Horizontally or Vertically



Power on

## READ AND SAVE THESE INSTRUCTIONS

### ⚠ WARNING

To reduce the risk of fire or electric shock, do not use with any solid-state speed control devices. Disconnect the power cord before servicing. Failure could result in electric shock. For safe and successful operation of the unit, read these instructions completely. If the instructions are not observed, the manufacturer can assume no responsibility. Retain this manual for future reference. Consult your "safety department" when using the unit on flammable gases. This unit is not explosion safe and can only be used for the extraction of vapors, which have concentration levels well below the lower explosive limits. Do not use the unit to extract corrosive substances. Do not expose the connecting cable to heat, oil, or sharp edges.

Make sure the unit stands stable and secure. Use only original equipment filters or authorized filter replacements. Do not operate the unit without filter inserts. Contaminants in the extracted air will damage the fan. Always disconnect the power supply before servicing the unit. Never cover exhaust openings. Never cover all air inlet openings simultaneously.

Observe general safety regulations for the handling of chemicals such as adhesives and sealants. Do not absorb combustible or explosive gas with the absorber. Use genuine Metcal or authorized replacement parts. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision. This appliance is designed to be used in commercial areas. They shall state that prior to cleaning or other maintenance, the appliance must be disconnected from the supply mains.

### ⚠ CAUTION

Be sure to observe all the instructions.

a) "Do not operate any fan with a damaged cord or plug. Discard fan or return to an authorized service facility for examination and/or repair."

b) "Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over."

When replacing parts or repairing, take sufficient care not to expose live electrical parts or damage insulation materials.

Be sure to ground the unit during use.

### MAINTENANCE

Absorption power will decrease when the filter needs to be changed. Replace the filter when the filter turns white or when dust adheres to the surface of the filter. (Do not allow the filter to get wet).

#### Removing the filter

When replacing the filter, place your fingers on the filter and remove it by pulling it outward.

#### Attaching the filter

Place the filter on the absorber so that it aligns with the face of the unit. Then place the filter behind the four retaining tabs.



### WARRANTY

OK International warrants this product against any defects in material or workmanship for (1) year from the date of purchase by the original owner. This Warranty excludes normal maintenance and shall not apply to any opened, misused, abused, altered, or damaged items. If the product should become defective within the warranty period, Ok International will repair or replace the product free of charge as its sole option. The repaired or replacement item will be shipped, freight prepaid, to the original purchaser. The warranty period will start from the date of purchase. If the date of purchase cannot be substantiated the date of manufacture will be used as the start date of the warranty period.

### Waste Electrical and Electronic Equipment Directive - WEEE (2002/96/EC).

When this MSA-35L is no longer required, if it cannot be re-used, we ask our customers not to dispose of it as unsorted municipal waste but to appropriately recycle the MSA-35L. In Europe, please contact your OK International distributor who can advise the recycling options available ([www.okinternational.com](http://www.okinternational.com)).