



ENVIROFLEX®

International Inc.

FOR A HEALTHIER WORK ENVIRONMENT

Air Filtration Products

Portable Welding Smoke Extractors



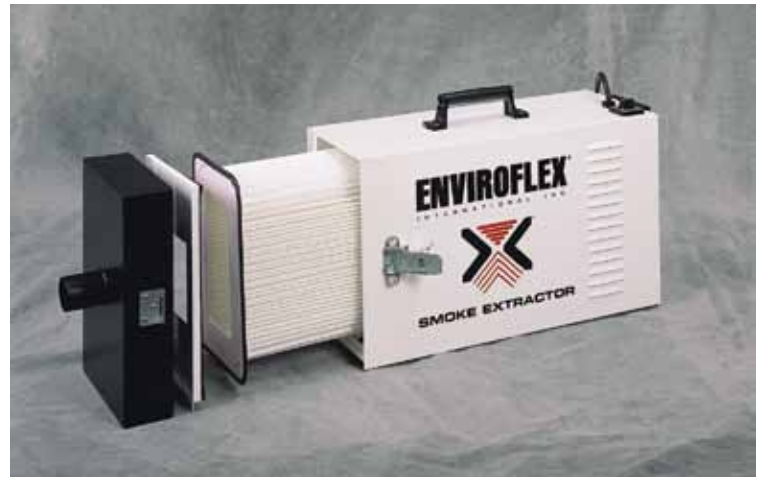
4 Standard Low Vacuum Models to choose from for Nozzle applications

Model	ESE101A-W-2	ESE201A-W-2	ESE102A-2	ESE202A-2
Air Flow With Load Conditions (Hose and Nozzle Connected)	80 C.F.M. (135 m3/hr)	160 C.F.M. (270 m3/hr)	80 C.F.M. (135 m3/hr)	160 C.F.M. (270 m3/hr)
Air Flow With No Load Conditions (No Hose or Nozzle Connected)	113 C.F.M. (192 m3/hr)	225 C.F.M. (382 m3/hr)	113 C.F.M. (192 m3/hr)	225 C.F.M. (382 m3/hr)
Filtration Efficiency	99.2%	99.2%	99.9997% @ .3 Micron (DOP tested HEPA)	99.9997% @ .3 Micron (DOP tested HEPA)
Number of Filters	1 (EF200A)***	1 (EF200A)***	2 (EF100+EF200)	2 (EF100+EF200)
Type of Filters	Washable	Washable	Throwaway	Throwaway
Maximum Vacuum	80"W.G. (21 KPA)	80"W.G. (21 KPA)	80"W.G. (21 KPA)	80"W.G. (21 KPA)
Number of Motors	1	2	1	2
Type of Motors	Bypass	Bypass	Bypass	Bypass
Voltage	120 Volts, 50/60 HZ	120 Volts, 50/60 HZ	120 Volts, 50/60 HZ	120 Volts, 50/60 HZ
Amperage	6.5 amps	13 amps	6.5 amps	13 amps
Dimensions	lengthXwidthXheight 26 1/2" X 9 1/4" X 14 1/2"	lengthXwidthXheight 26 1/2" X 9 1/4" X 14 1/2"	lengthXwidthXheight 26 1/2" X 9 1/4" X 14 1/2"	lengthXwidthXheight 26 1/2" X 9 1/4" X 14 1/2"
Weight	37Lbs.	41Lbs.	39Lbs.	43Lbs.
Hose Length	15ft. (4.6M)	15ft. (4.6M)	15ft. (4.6M)	15ft. (4.6M)
Hose I.D.	1 3/4" (45mm)	1 3/4" (45mm)	1 3/4" (45mm)	1 3/4" (45mm)

4 High Vacuum Models to choose from for Smoke Exhaust Gun applications

Model	ESE101A-W-HV	ESE201A-W-HV	ESE102A-HV	ESE202A-HV
Air Flow	105 C.F.M. (178 m3/hr)	210 C.F.M. (355 m3/hr)	105 C.F.M. (178 m3/hr)	210 C.F.M. (355 m3/hr)
Filtration Efficiency	99.2%	99.2%	99.9997% @ .3 Micron (DOP tested HEPA)	99.9997% @ .3 Micron (DOP tested HEPA)
Number of Filters	1 (EF200A)***	1 (EF200A)***	2 (EF100+EF200)	2 (EF100+EF200)
Type of Filters	Washable	Washable	Throwaway	Throwaway
Maximum Vacuum	100"W.G. (26KPA)	100"W.G. (26KPA)	100"W.G. (26KPA)	100"W.G. (26KPA)
Number of Motors	1	2	1	2
Type of Motors	Bypass	Bypass	Bypass	Bypass
Voltage	120 Volts, 50/60 HZ	120 Volts, 50/60 HZ	120 Volts, 50/60 HZ	120 Volts, 50/60 HZ
Amperage	8.5 amps	17 amps	8.5 amps	17 amps
Dimensions	lengthXwidthXheight 26 1/2" X 9 1/4" X 14 1/2" 673mm X 247mm X 368mm	lengthXwidthXheight 26 1/2" X 9 1/4" X 14 1/2" 673mm X 247mm X 368mm	lengthXwidthXheight 26 1/2" X 9 1/4" X 14 1/2" 673mm X 247mm X 368mm	lengthXwidthXheight 26 1/2" X 9 1/4" X 14 1/2" 673mm X 247mm X 368mm
Weight	38Lbs.	43Lbs.	40Lbs.	45Lbs.
Hose Length	15ft. (4.6M)	15ft. (4.6M)	15ft. (4.6M)	15ft. (4.6M)
Hose I.D.	1 3/4" (45mm)	1 3/4" (45mm)	1 3/4" (45mm)	1 3/4" (45mm)

***Please note Precoat should be used with the Washable Filter(EF200A) only.



ACCESSORIES



PRODUCT DESCRIPTION

The Enviroflex Smoke Extractors are a lightweight, suitcase sized air cleaner that are very easy to carry. The contaminant is trapped at the source, thus maximizing the protection to the operator by removing contaminant before it enters the operators breathing area. The unit recycles clean air back into the building thus eliminating additional heating or cooling costs.

The unit has been designed to accommodate an optional charcoal filter to eliminate various gases after the particulate has been collected.

USES

The various models are ideal for maintenance and repair welding or they can utilized with a MIG smoke exhaust gun. The MIG smoke exhaust guns are light, easy to maneuver and do not remove the shielding gas. The various units can also be used for the collection of various hazardous airborne particulates such as asbestos, stainless steel, silica, carbon dust, fiberglass, galvanized steel, lead oxides etc.

UNIT CONSTRUCTION

The units are available with (1) or (2) motors and the cabinet is manufactured out of 18 gauge satin coat. The unit is powder coated and the logo and product name are silk-screened onto the sides of each unit.

Hose: 15ft. length is the standard length (Part Number EH175-15)
25ft. length (Part Number EH175-25)
50ft. length (Part Number EH175-50)

Nozzles: 3" wide nozzle with base and magnet (Part Number EN3)
3" wide nozzle with base, magnet and 1ft. of Metal Flex Duct (Part Number ENT3)
8" wide nozzle with base, magnet and 1ft. of Metal Flex Duct (Part Number ENT8)

Carbon Filter: This is used for odours, gases, ozone etc. The 2 cassettes (Part Number ECF100A) fit inside the machine between the large filter and the intake motors.

"Y" connector: The "Y" Connector is used to run (2) stations from a single unit (Part Number is EY1). Please note to keep both lengths of hose the same. Otherwise the shorter length will draw more air than the longer length.

Motors: 220 volt 50/60HZ motors are available.

TECHNICAL SERVICES

It is essential that any air cleaner be properly applied for various field applications. Enviroflex has a competent engineering and technical staff available to solve a variety of air cleaning problems in the field.

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