



ENVIROFLEX®

International Inc.

FOR A HEALTHIER WORK ENVIRONMENT

PORTABLE AIR CLEANER

ENVIROMAC™

PORTABLE WELDING SMOKE EXTRACTOR



The ENVIROMAC™ Portable Welding Smoke Extractor is ideal for portable and fixed welding, dust and oil mist applications.

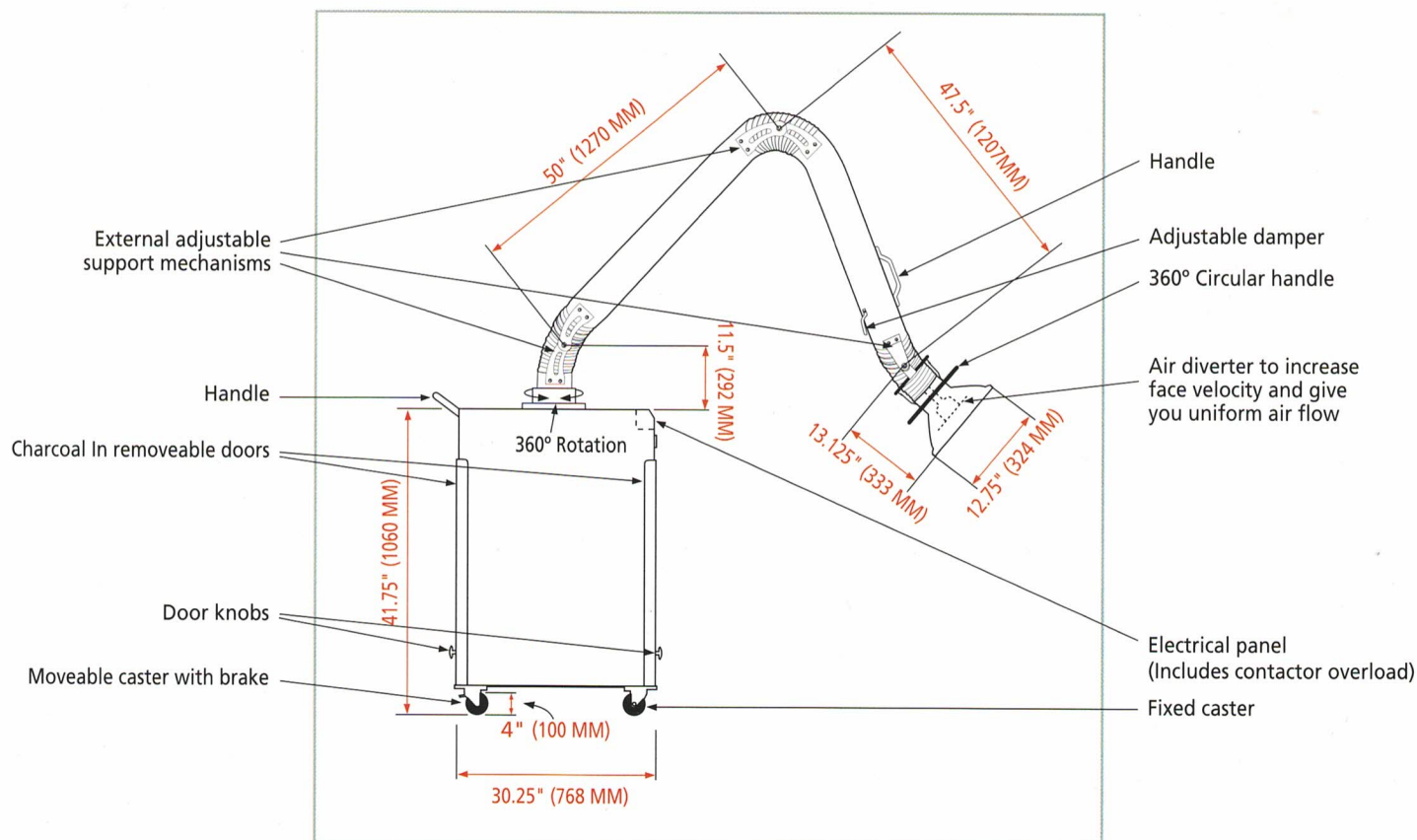
The unit comes standard with a high efficient washable filter and activated carbon in both doors. You utilize a precoat powder (Envirocoat) to maximize the filtration efficiency and prolong the life expectancy of the filter. The high efficient washable filter can be cleaned with an air hose or a pressure washer. There is also an optional throwaway paper filter.

The unit comes standard with the Snorkvac™ Fume Extractor Snorkel Arm which is 10ft.(3M) long and 6" (160MM) wide. The Snorkvac™ Fume Arm is externally supported to minimize the restriction to the air flow (pressure drop). It also makes arm adjustments or hose replacements much easier than an internally supported arm. The Fume Arm has a handle at the hood plus an additional handle on the first tube. The hood has an air diverter in it to increase the face velocity thus increasing the capture distance. The air diverter also gives you uniform air flow.

The units have 25 ft. of primary cable. The MAC1 runs off a 120 volt, 20 amp service outlet. The MAC2 runs off a 120 volt, 15 amp service outlet. The motors have thermal overload protection on the actual

motor. There is also a stand alone adjustable contactor overload which is located behind the Electrical Control Panel. This maximizes the protection to the motor. The top panel (Electrical Control Panel) of the machine allows easy access to the electrical components.

The units are manufactured out of 14 gauge cold rolled steel and painted with a baked on powder coat. The unit has (2) 4" fixed casters and (2) 4" rotating casters with a brake.



Model	MAC 1	MAC 2
Voltage	120 Volts, 50/60 HZ	120 Volts, 50/60 HZ
Amperage	17.5 amps	12 amps
Motor(HP)	1.5 HP	1 HP
Motor RPM	3450	3450
Motor Type	Direct drive, TEFC	Direct drive, TEFC
Air Flow(at the hood)	1400 CFM (2379 m3/hr)	1050 CFM (1784m3/hr)
Arm Length	10 ft. (3M)	10 ft. (3M)
Arm Diameter	6" (160 MM)	6" (160 MM)
Dimensions	Height = 41.75" (1060 MM)	Height = 41.75" (1060 MM)
	Width = 26" (660 MM)	Width = 26" (660 MM)
	Depth = 30.25" (768 MM)	Depth = 30.25" (768 MM)
Weight(includes arm)	290 lbs. (132 KGS)	288 lbs. (131 KGS)

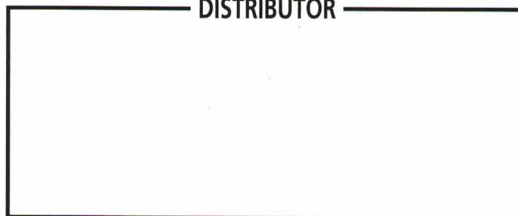


IN USA

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1051 Clinton Street,
Buffalo N.Y. 14206-2823

Phone: 716-883-2319 • Fax: 716-892-2139

DISTRIBUTOR



IN CANADA

Enviroflex International Inc.
75 Rosedale Ave. W., Unit #12,
Brampton Ont. L6X 4H4

Phone: 905-866-5606 • Fax: 905-866-5602

Enviroflex warrants all Air Cleaning products and systems for parts and workmanship for a period of one year from date of original purchase. This warranty does not apply to products subjected to any accident, alteration, abuse or misuse. Warranties on equipment not of seller's manufacture are limited to terms of warranty furnished by seller's suppliers. All specifications are subject to change without notice. Product may not be exactly as illustrated.

TOLL FREE: 1-877-ENV-FLEX (1-877-368-3539) • WEB: www.enviroflex.com • EMAIL: info@enviroflex.com

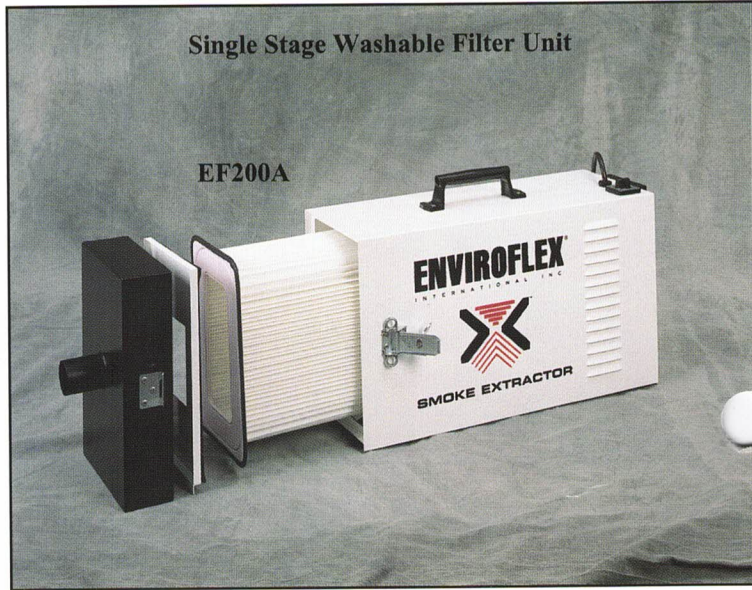
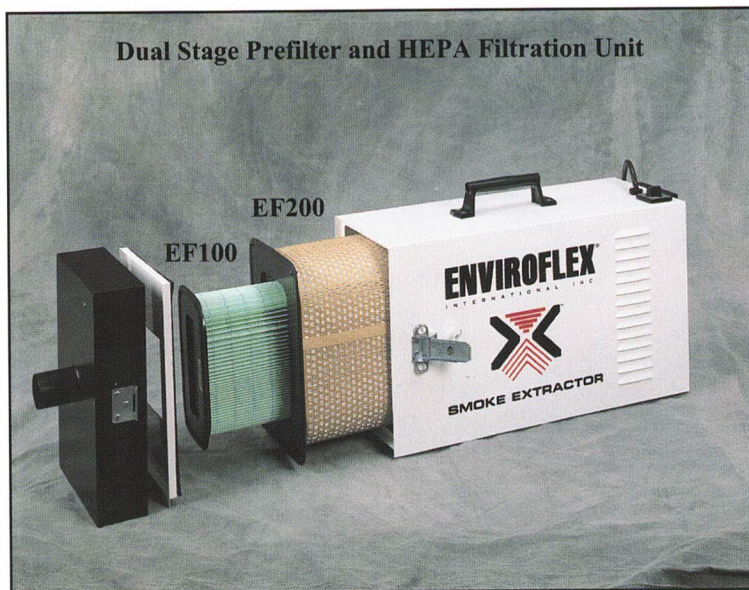
4 Standard Low Vacuum Models to choose from for Nozzle applications

Model	ESE101A-W-1	ESE201A-W-1	ESE102A-1	ESE202A-1
Air Flow	80 C.F.M. (135 m3/hr)	160 C.F.M. (270 m3/hr)	80 C.F.M. (135 m3/hr)	160C.F.M. (270 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 ½" X 9 ¼" X 14 ½" 673mm X 247mm X 368mm	lengthXwidthXheight 26 ½" X 9 ¼" X 14 ½" 673mm X 247mm X 368mm	lengthXwidthXheight 26 ½" X 9 ¼" X 14 ½" 673mm X 247mm X 368mm	lengthXwidthXheight 26 ½" X 9 ¼" X 14 ½" 673mm X 247mm X 368mm
Weight	37Lbs.	41Lbs.	39Lbs.	43Lbs.
Hose Length	15ft. (4.6M)	15ft. (4.6M)	15ft. (4.6M)	15ft. (4.6M)
Hose I.D.	1¾" (45mm)	1¾" (45mm)	1¾" (45mm)	1¾" (45mm)

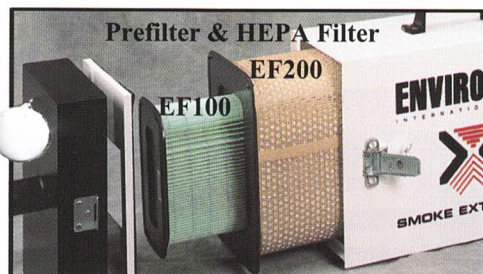
4 High Vacuum Models to choose from for Smoke Exhaust Gun applications

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 ½" X 9 ¼" X 14 ½" 673mm X 247mm X 368mm	lengthXwidthXheight 26 ½" X 9 ¼" X 14 ½" 673mm X 247mm X 368mm	lengthXwidthXheight 26 ½" X 9 ¼" X 14 ½" 673mm X 247mm X 368mm	lengthXwidthXheight 26 ½" X 9 ¼" X 14 ½" 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 ¾" (45mm)	1 ¾" (45mm)	1 ¾" (45mm)	1 ¾" (45mm)

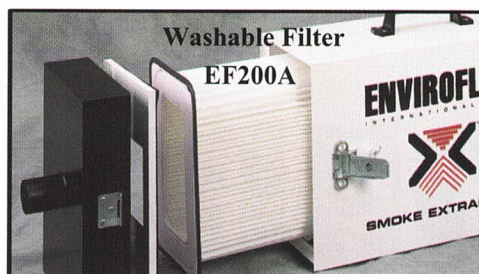
***Please note Precoat should be used with the Washable Filter(EF200A) only.



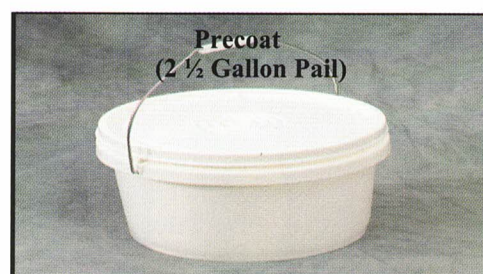
ACCESSORIES



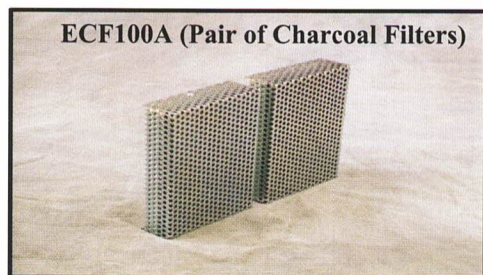
Prefilter & HEPA Filter



Washable Filter



Precoat
(2 1/2 Gallon Pail)



ECF100A (Pair of Charcoal Filters)



EN3 Nozzle



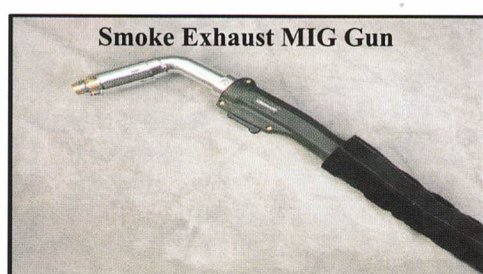
ENT 3 Nozzle (3" wide)



ENT8 Nozzle (7" wide)



EY1 "Y" Connector



Smoke Exhaust MIG Gun

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. The units are also available in 304 stainless for a corrosive environment(EG salt mine or salt water atmosphere). The stainless unit is ideal for the rental trade.

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.



ENVIROFLEX®

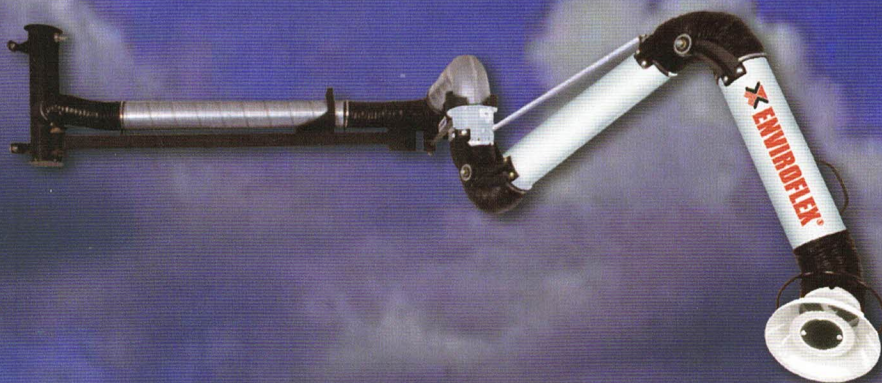
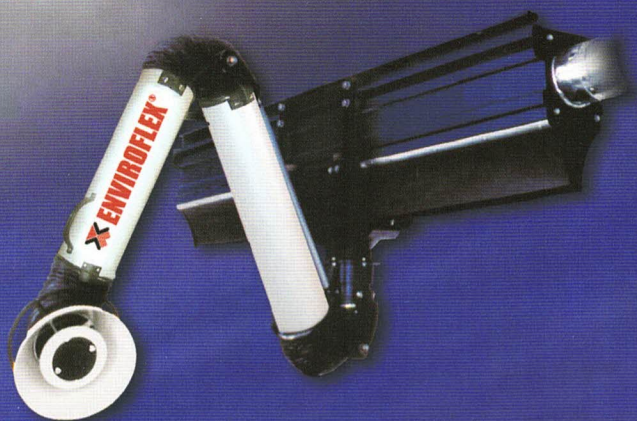
International Inc.

FOR A HEALTHIER WORK ENVIRONMENT

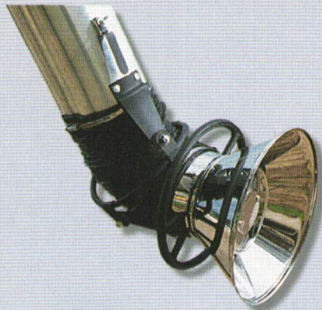
SNORKVAC™ FUME ARMS

SOURCE CAPTURE PRODUCTS

- Cleaner healthier work environment
- Maximum protection to the worker
- Reduce employee absenteeism
- Minimize energy and makeup air requirements



THE ENVIROFLEX SNORKVAC™ FUME EXTRACTOR ARM HAS ARRIVED



- Externally supported arms give minimum pressure drop and ease of maintenance
- Air diverter in hood to maximize capture velocity
- Dampers are standard
- 360 degree handle for ease of positioning the arm
- Additional handle on front tube for lateral positioning.

THE NUMBER ONE CHOICE...

- | | |
|--------------------------|---------------------------|
| ➤ Brazing | ➤ Chemical Fumes |
| ➤ Cutting | ➤ Dusts |
| ➤ Extrusion applications | ➤ Fumes |
| ➤ Gases | ➤ Gouging |
| ➤ Grinding | ➤ Laboratory applications |
| ➤ Pharmaceutical dust | ➤ Plasma cutting |
| ➤ Welding | |



By going to source capture you maximize the protection to the worker, reduce absenteeism and minimize the makeup air requirements. You can eliminate costly overhead energy consuming exhaust hoods. **ENVIROFLEX®** Snorkvac™ fume arms minimize indoor air pollutants. Applications vary from laboratories to large welding shops.

A VARIETY OF USES FOR THE ENVIROFLEX SNORKVAC™ FUME ARM



3" (75mm) and 4" (100mm)

- Laboratories • Research facilities • Beauty parlours
- Small dust applications • Museums • Soldering • Light welding

3" arms available in 3' (1m) and 5' (1.5m) lengths

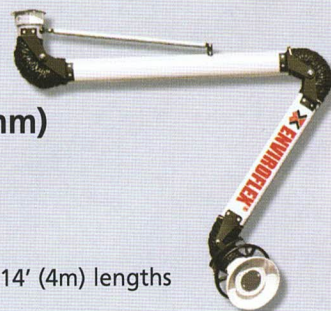
4" arms available in 5' (1.5m), 7' (2m) and 8' (2.5m) lengths



5" (125mm), 6" (160mm), 8" (200mm)

- Medium to heavy welding • Heavy smoke
- Plasma cutting • Grinding and sanding
- Foundries • Large dusts • Gouging

These arms are available in 7' (2m), 10' (3m) and 14' (4m) lengths



STAINLESS STEEL ARMS (all diameters)

- Pharmaceutical • Food processing • Caustics
- Corrosive gases • Solvent fumes • Laboratories
- High temperature • High humidity • Agressive Chemical Applications



TELESCOPIC 6" FUME ARMS

- Restricted space (cubicles)
- Teaching facilities
- Low ceiling applications

WALL OR CEILING MOUNTED ARMS (WHITE EPOXY COATED)

Arm Part Number	Arm Length	Arm Diameter	Hood Diameter	Wall Bracket Part Number
103.1000	3 Ft. (1.0M)	3" (75MM)	6" (160MM)	103.1044
103.1001	5 Ft. (1.5M)	3" (75MM)	6" (160MM)	103.1044
103.1002	5 Ft. (1.5M)	4" (100MM)	8" (200MM)	103.1045
103.1003	7 Ft. (2.0M)	4" (100MM)	8" (200MM)	103.1045
103.1004	8 Ft. (2.5M)	4" (100MM)	8" (200MM)	103.1045
103.1062	7 Ft. (2.0M)	5" (125MM)	10" (250MM)	103.1094
103.1063	10 Ft. (3.0M)	5" (125MM)	10" (250MM)	103.1094
103.1005	7 Ft. (2.0M)	6" (160MM)	12" (315MM)	*103.1046
103.1006	10 Ft. (3.0M)	6" (160MM)	12" (315MM)	*103.1046
103.1007	14 Ft. (4.0M)	6" (160MM)	12" (315MM)	*103.1046
103.1008	7 Ft. (2.0M)	8" (200MM)	14" (350MM)	103.1047
103.1009	10 Ft. (3.0M)	8" (200MM)	14" (350MM)	103.1047
103.1010	14 Ft. (4.0M)	8" (200MM)	14" (350MM)	103.1047

*Use 103.1056 Wall Bracket if quick disconnect required

WALL OR CEILING MOUNTED ARMS (304 POLISHED STAINLESS)

Arm Part Number	Arm Length	Arm Diameter	Hood Diameter	Wall Bracket Part Number
103.1011	3 Ft. (1.0M)	3" (75MM)	6" (160MM)	103.1048
103.1012	5 Ft. (1.5M)	3" (75MM)	6" (160MM)	103.1048
103.1013	5 Ft. (1.5M)	4" (100MM)	8" (200MM)	103.1049
103.1014	7 Ft. (2.0M)	4" (100MM)	8" (200MM)	103.1049
103.1015	8 Ft. (2.5M)	4" (100MM)	8" (200MM)	103.1049
103.1064	7 Ft. (2.0M)	5" (125MM)	10" (250MM)	103.1121
103.1065	10 Ft. (3.0M)	5" (125MM)	10" (250MM)	103.1121
103.1016	7 Ft. (2.0M)	6" (160MM)	12" (315MM)	103.1050
103.1017	10 Ft. (3.0M)	6" (160MM)	12" (315MM)	103.1050
103.1018	14 Ft. (4.0M)	6" (160MM)	12" (315MM)	103.1050
103.1019	7 Ft. (2.0M)	8" (200MM)	14" (350MM)	103.1051
103.1020	10 Ft. (3.0M)	8" (200MM)	14" (350MM)	103.1051
103.1021	14 Ft. (4.0M)	8" (200MM)	14" (350MM)	103.1051

Note: 316 Stainless Steel available upon request

BENCH MOUNTED ARMS (WHITE EPOXY COATED)

Arm Part Number	Arm Length	Arm Diameter	Hood Diameter
103.1022	3 Ft. (1.0M)	3" (75MM)	6" (160MM)
103.1023	5 Ft. (1.5M)	3" (75MM)	6" (160MM)
103.1024	5 Ft. (1.5M)	4" (100MM)	8" (200MM)
103.1025	7 Ft. (2.0M)	4" (100MM)	8" (200MM)
103.1026	8 Ft. (2.5M)	4" (100MM)	8" (200MM)
103.1067	7 Ft. (2.0M)	5" (125MM)	10" (250MM)
103.1068	10 Ft. (3.0M)	5" (125MM)	10" (250MM)
103.1027	7 Ft. (2.0M)	6" (160MM)	12" (315MM)
103.1028	10 Ft. (3.0M)	6" (160MM)	12" (315MM)
103.1029	14 Ft. (4.0M)	6" (160MM)	12" (315MM)
103.1030	7 Ft. (2.0M)	8" (200MM)	14" (350MM)
103.1031	10 Ft. (3.0M)	8" (200MM)	14" (350MM)
103.1032	14 Ft. (4.0M)	8" (200MM)	14" (350MM)

BENCH MOUNTED ARMS (304 POLISHED STAINLESS)

Arm Part Number	Arm Length	Arm Diameter	Hood Diameter
103.1033	3 Ft. (1.0M)	3" (75MM)	6" (160MM)
103.1034	5 Ft. (1.5M)	3" (75MM)	6" (160MM)
103.1035	5 Ft. (1.5M)	4" (100MM)	8" (200MM)
103.1036	7 Ft. (2.0M)	4" (100MM)	8" (200MM)
103.1037	8 Ft. (2.5M)	4" (100MM)	8" (200MM)
103.1069	7 Ft. (2.0M)	5" (125MM)	10" (250MM)
103.1070	10 Ft. (3.0M)	5" (125MM)	10" (250MM)
103.1038	7 Ft. (2.0M)	6" (160MM)	12" (315MM)
103.1039	10 Ft. (3.0M)	6" (160MM)	12" (315MM)
103.1040	14 Ft. (4.0M)	6" (160MM)	12" (315MM)
103.1041	7 Ft. (2.0M)	8" (200MM)	14" (350MM)
103.1042	10 Ft. (3.0M)	8" (200MM)	14" (350MM)
103.1043	14 Ft. (4.0M)	8" (200MM)	14" (350MM)

Note: 316 Stainless Steel available upon request

TELESCOPIC ARMS (WHITE EPOXY COATED)

Arm Part Number	Minimum Arm Length	Maximum Arm Length	Arm Diameter	Hood Diameter	Wall Bracket Part Number
103.1072	55 1/2" (1400MM)	72" (1828MM)	6" (160MM)	12 1/2" (315MM)	*103.1046
103.1073	54" (1350MM)	96" (2438MM)	6" (160MM)	12 1/2" (315MM)	*103.1046

*Use 103.1056 Wall Bracket if quick disconnect required

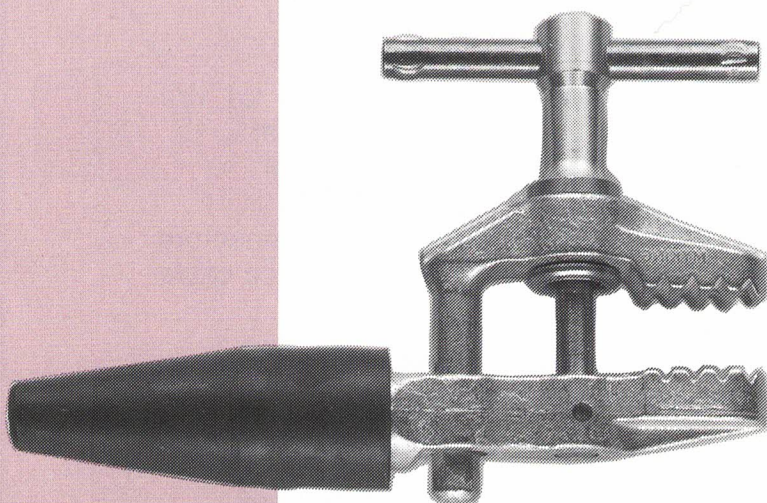


ENVIROFLEX®

I N T E R N A T I O N A L I N C .

ENVIROFLEX®

Ground Clamp features:



- ❖ Solid design and construction.
- ❖ All main parts constructed in brass.
- ❖ Parallel connectors for maximum grounding effect.
- ❖ Proper ground contact reduces the possibility of functional failure while welding. (Connect the ground clamp as close as possible to the work area on the goods).
- ❖ Double-screwed connectors to ensure minimum resistance and reduce cable strain.

❖ Rubber boot protection against dampness and corrosion.

❖ No springs are incorporated in the clamp.

❖ Easy to use - even in restricted areas.

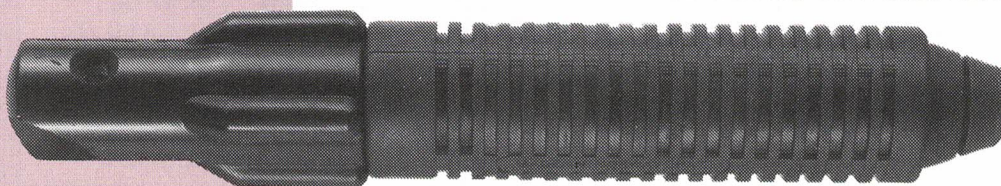


ENVIROFLEX®

Electrode Holders

The working environment for welding operations greatly influences both the operators health and productivity.

ENVIROFLEX® Electrode Holder incorporates design advantages such as reduced weight and balance, thereby alleviating tension during welding operations, and reduces the possibility of industrial shock hazards that exist in some conventional holders.

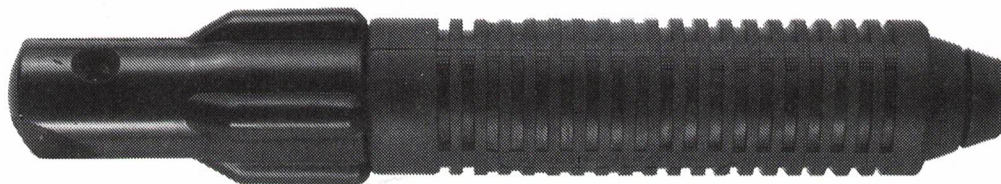


ENVIROFLEX® This top quality electrode holder has been acclaimed by the International Welding Industry.

ENVIROFLEX.

Electrode Holder

- with 2 electrode positions 90° or 45°



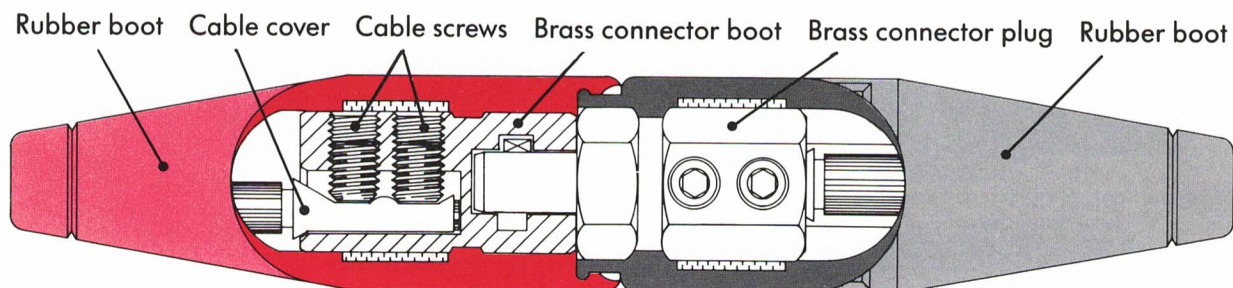
- ❖ Affords the most economical use of the electrode.
- ❖ Is comprised of only three parts.
- ❖ Incorporates double-screwed cable connectors to ensure minimum resistance and reduce cable strain.
- ❖ Needs a minimum of maintenance, allows maximum utilization of man-hours.
- ❖ Does not need spring loaded electrode clamps.
- ❖ Is almost impossible to break in normal use.
- ❖ Has excellent hand-grip and balance properties.
- ❖ Has excellent insulation.
- ❖ Patented.

Amperage rating	Part number	Electrode position	Electrode diameter	Weight	Length	Material	Cable diameter
ENVIROFLEX. 600	20.004	45° or 90°	max. 6 mm (.23")	510g (17.99 oz)	250 mm (9.75")	Brass	14 mm (.55")
ENVIROFLEX. 450	20.005	45° or 90°	max. 5 mm (.20")	470g (16.58 oz)	250 mm (9.75")	Brass	14 mm (.55")
ENVIROFLEX. 200	20.006	45° or 90°	max. 4 mm (.16")	280g (9.88 oz)	200 mm (7.80")	Brass	9 mm (.35")

ENVIROFLEX.

Cable Connector features:

- ❖ Waterproof connectors to reduce corrosion problems.
- ❖ Dual colour cabling, red and black.
- ❖ Patented.
- ❖ Do not pull apart due to unique patented locking device.
- ❖ Minimum shock hazards.



Boot coupling type 35-95F (female)
Cable diameter 12 mm (.47")

Plug type 35-95M (male)
Cable diameter 12mm (.47")

ENVIROFLEX.

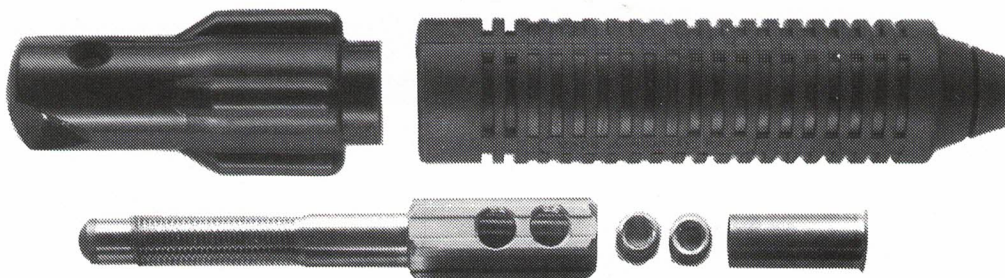
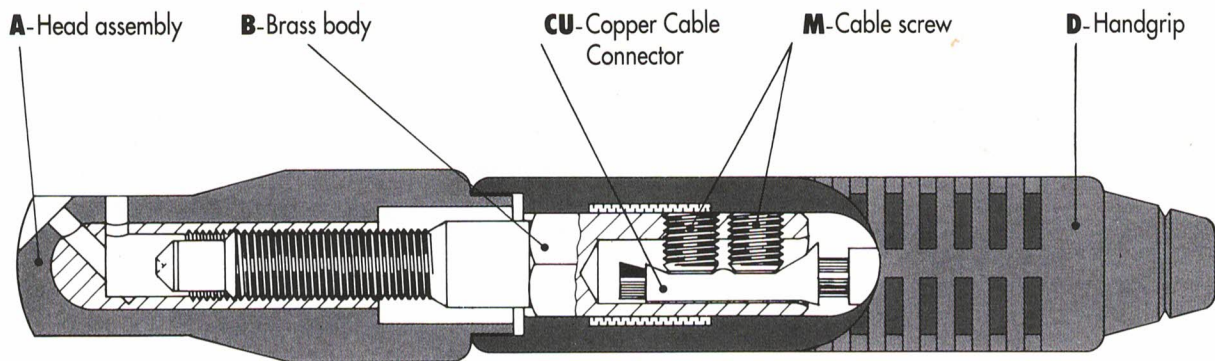
Products and parts list

Part No.	Description	
20.008	Cable Connector	35-95, complete
20.008.1	Plug	35-95, complete
20.008.2	Boot coupling	35-95, complete
30.009.1	35-95M	Male connector
30.009.2	35-95F	Female connector
20.011	Ground clamp	G-600

Quality controlled in accordance with ISO 9002.

NATO approval No. N 1499

(Design changes may be made without prior notice.)



	Head assembly	Brass body	Copper connector	Cable screw	Rubber handle
ENVIROFLEX. 600	A 1-2	B 1	CU 14	M 12/12	D 600
ENVIROFLEX. 450	A 1-2	B 2	CU 14	M 12/10	D 450
ENVIROFLEX. 200	A 3	B 3	CU 9	M 10/8	D 200

ENVIROFLEX. **Heat-shield** 450/600

(only available
for 450 amp
600 amp models)



I N C A N A D A

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PRINTED IN CANADA

ELIMINATOR

2X4 Portable Downdraft Table



Overview

Ensure a clean and safe workspace for welding and grinding operations with the **Eliminator 2X4 Portable Downdraft Table** by Enviroflex. Equipped with a powerful downdraft ventilation system and evenly distributed airflow that effectively captures and contains fumes, smoke, and non-combustible dust particles at the source, before they can enter your breathing zone. Featuring a built-in sensor that lets you know when it's time to replace your filter. Equipped with industrial casters for easy portability within your facility.

Optional features include side and back walls, task lighting, and noise reduction systems. We can also integrate additional accessories like tool hangers and storage drawers to enhance functionality and efficiency.

Features

- Capture airborne contaminants at source
- High quality filtration
- Robust construction
- Versatility and flexibility
- Fully compliant with OSHA guidelines
- Best in-class 1750 CFM airflow
- Filter replacement indicator

Applications

- Welding
- Grinding
- Soldering
- Deburring



Technical Specifications

Part Number	Net Weight (lbs.)	FPM (Face Velocity)	Product Dimensions (in.)			Cord Length (in.)
			Width	Height	Length	
ENV2I-DDT-2x4	400	330	49.5	39.5	27	180



Part Number	Nominal Airflow (CFM)	Standard Filter	Power Voltage / Phase /hz
ENV2I-DDT-2x4	1750	Nanofiber FR MERV 15	115V /1/60Hz 208/460/575V/3/60Hz

Disclaimer. All data has been collected under specific and controlled conditions. Actual working conditions may cause slight variations to performance to information presented here.
Specifications are subject to change without notice.

MATERIAL SPECIFICATION SHEET

Nanofiber FR

Nanofiber is a synthetic polymer fiber that is applied through a spraying process to the surface of our 80/20 filter media to enhance its filtration properties to provide higher efficiency and advanced cleanability. MERV 15 Nanofiber FR media utilizes surface loading filtration, where the nanofiber surface of the filter media does not allow dust to penetrate into the depth of the filter media. Dust is stopped and builds up on the surface and when the filter is cleaned with compressed air, almost all the dust build-up is released. Nanofiber FR media is suitable for the capture of very fine smoke and fume particles generated by metal cutting applications and its fire-retardant qualities protect the media from sparks and flames igniting in these challenging conditions.

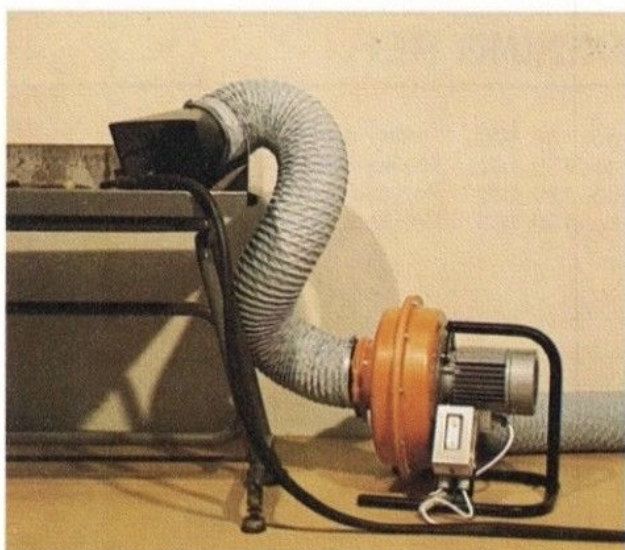


STYLE	Nanofiber FR	
FIBER	80% Cellulose, 20% Polyester	
WEIGHT	4.3	(oz / yd/2)
AIR PERMEABILITY	15 - 25	(cfm/ft/2 @ .5" WG)
THICKNESS	N/A	
OPERATING TEMP.	200F	(fabric)
MULLEN BURST	40 - 80	(psi)
FINISH	Flame Retardant Nanofiber FR	
TENSILE STRENGTH (2" Strip)	40 (X-direction)	(Lbs)
	50 (Y-direction)	(Lbs)
THERMAL STABILITY	N/A	
RATING	MERV 15	
EFFICIENCY	0.3 – 1.0 micron @ 80% - 85%, 1.0 – 3.0 micron @ 90% or greater	

*Nanofiber filter media is an 80/20 paper/poly blend coated with a fine Nanofiber surface layer to prevent particles from getting entrained within the media fibers.

*FR – Fire Retardant. For use where the possibility of fire exists from hot molten particles or hot sparks. The material will burn but is self-extinguishing when the source of the flame is removed.

HANDYMASTER



PRODUCT

The HANDYMASTER fan program has been designed for the extraction of fume, vapours, gases and dust from stationary as well as alternating working places.

The HANDYMASTER meets the demand for high performance extraction of welding particulate and smoke, exhaust gases from cars, soldering fume, fumes from paint work, dry dust and for other purposes where dangerous particulate requires an efficient ventilation.

CONSTRUCTION

The HANDYMASTER is a centrifugal fan with the radial impeller mounted on the motor shaft.

The fan housing is made of hard polyurethane which material beside low weight offers noise insulation and resistance to most of the aggressive substances used within the industry. Polyurethane does not rust or corrode.

The fan including motor and motor starter is mounted on a steel tube frame which is both compact and easy to handle.

The frame is available as trolley with two wheels or as a portable unit without wheels.

The HANDYMASTER is delivered complete including 6 metres diam. 160 mm. glasfibre reinforced flexible hose, 6 metres of cord, 2 pcs. snap connectors for fixing of the hoses and fume collection hood with magnet attachment.

MAINTENANCE

The impeller should be checked with regular intervals for possible accumulation of dust etc.

The impeller should be cleaned with brush and if necessary with soap-suds. Avoid the use of acid or solvents.

TECHNICAL SPECIFICATIONS

Air Volume, m ³ /h:	1100 at Ps = 120 WC.
Radial Impeller:	Diam. 180 mm.
Fan Inlet and Discharge Nozzle w/Bead:	Diam. 160/171 mm.
Fan Housing:	Moulded polyurethane.
Noise Level:	73 dB(A) measured 1 metre from unit
Motor:	0.75 kW. 2800 Rpm. 3 x 220/380 V. 50 c/s or 1 x 220 V. 50 c/s. (Motor 0.75 kW 3 x 415 V. 50 c/s available against extra charge).
Motor Starter:	3 x 380 V. 1.6 - 2.5 Amp. 1 x 220 V. 4 - 6.3 Amp.
Frame:	Epoxyc coated steel tube (wheel diam. 125 mm.).
House:	Glassfibre reinforced PVC diam. 160 mm.
Fume Collection Hood:	300 x 160 mm. epoxyc coated steel hood with diam. 80 mm. magnet attachment.
Weight:	Code No. 13 01 00 25 kg. Code No. 13 01 01 26 kg. Code No. 13 01 02 19 kg. Code No. 13 01 03 20 kg.

PRODUCT OPTIONS AND SPARE PARTS

Code no. 130 110	6 metres PVC hose glassfibre reinforced diam. 160 mm.
Code no. 130 111	Fume collection hood w/magnet attachment.
Code no. 130 109	Connecting Branch for coupling up hoses.
Code no. 120 128	Snap connector.
Code no. 130 112	Dust bag diam. 160 x 600 mm.

ORDERING REF.

Code no. 130 100	Trolley model 3 x 380 V.
Code no. 130 101	Trolley model 1 x 220 V.
Code no. 130 102	Portable model 3 x 380 V.
Code no. 130 103	Portable model 1 x 220 V.