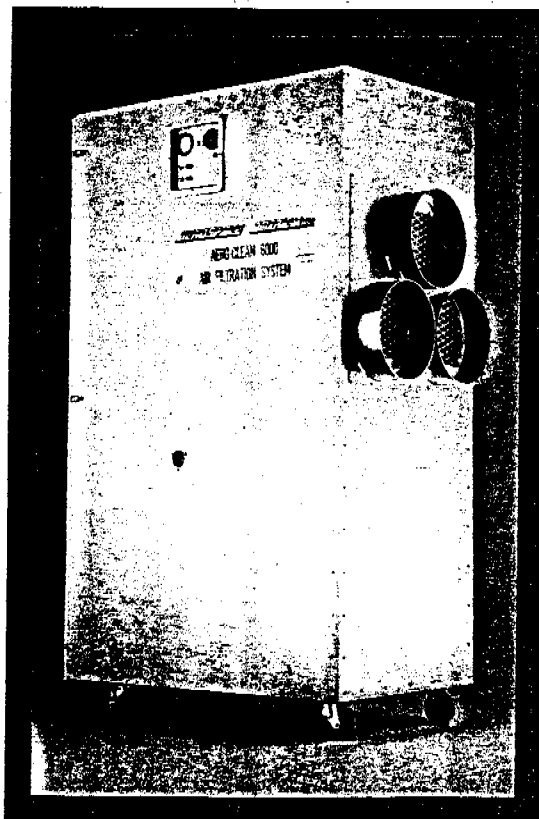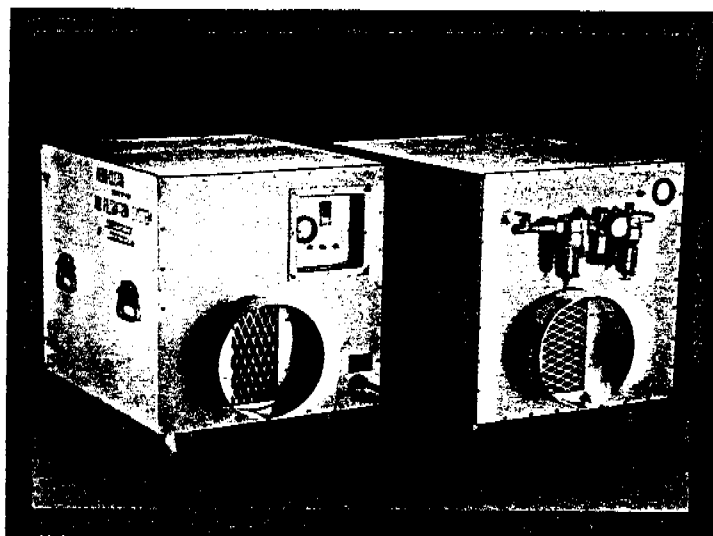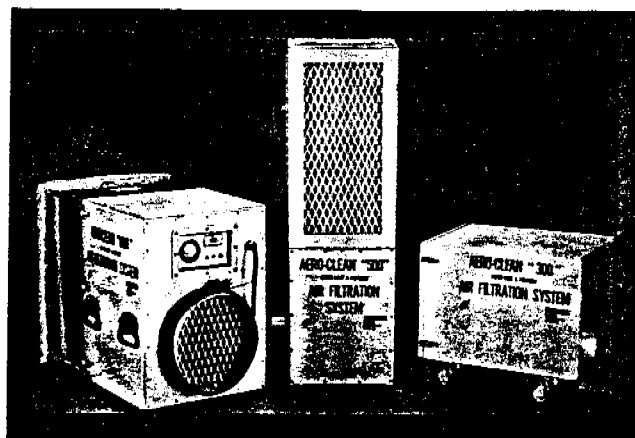# aerospace AMERICA, Inc.

A Complete Line of Air Filtration Systems

Aero-Clean 1800 — Model #9163

Aero-Clean 1800 "Mighty Mite" is proof that good things come in small packages. It delivers 1800 CFM on high speed, or 1200 CFM on low speed and offers the convenience of overnight common carrier delivery.

Dimensions	Weight	Power Supply
Width - 14" Height - 18" Length - 31"	80 lbs.	120 volts 10 amps

Motor	Air Capacity	Filters
3/4 H.P.	1800 CFM 1200 CFM	18" x 24" x 11-7/8" 2 Ply Panel 1/2" Pre-Filter

Aero-Clean 500 — Model #9123

The Aero-Clean 500 is ideal for mobile decontamination trailers or small containments. It will easily fit through drop ceiling panels for above ceiling containments.
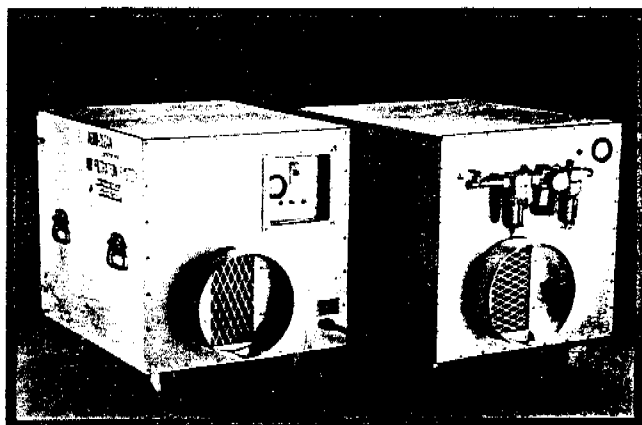
Dimensions	Weight	Power Supply	Motor
Width - 14" Height - 42" Length - 14"	90 lbs.	120 volts 8 amps	1/3 H.P.

Air Capacity	Filters	Fan
500 CFM at 1.1" W.C. Static Pressure On Guage	1st, 2nd & H.E.P.A. Filters	AMCA Rated Pressure Blower

Aero-Clean 300 — Model #9159

The Aero-Clean 300 is specifically designed for small scale air filtration applications, including the dryer system for the new "Wovek" reuseable suits and decontamination units.

Dimensions	Weight	Power Supply	Motor
Width - 14" Height - 19" Length - 21"	77 lbs.	120 volts 8 amps	1/3 H.P.

Air Capacity	Filters	Fan
300 CFM at 1.1" W.C. Static Pressure On Guage	1st, 2nd & H.E.P.A. Filters	AMAC Rated Pressure Blower

Aero-Clean 2000/1000 — Model #9103

The Aero-Clean 2000/1000 is a two-speed air filtration unit that meets or exceeds the standards of EPA, OSHA, NEC and ANSI.

Features include:
- Filter placement that insures uninterrupted air flow and equal displacement of filtration
- Air tight construction prevents leakage which allows for uninterrupted air flow
- Lock-in-place filter that eliminates bypass of contaminated air
- On-line monitoring visually and audibly warns of clogged filters, unit shutdown, by-pass air movement and overload
- Built in GFCI

Dimensions	Weight	Power Supply	Motor
Width - 26" Height - 26" Length - 32"	170 lbs.	115 volts 13 amps	1-1/2 H.P. Thermal Protection Sealed Lubrication

Air Capacity (speeds) High	Low	Filters	Fan
1850 CFM at 1.1" W.C. Static Pressure On Guage	1000 CFM at 0.5" W.C.	High Capacity H.E.P.A. Filter 2" Pleat Secondary Filter 1/2" Poly Pad Primary Filter	AMCA Rated

Aero-Clean Econo – Model #9143

The Aero-Clean Econo incorporates all the features of the Aero-Clean 2000/1000.

Designed specifically for the cost conscious contractor that does not require on-line visual and audible alarms. This unit requires only 13 amps at full load.

Aero-Clean Pneumatic – Model #9169

The Aero-Clean Pneumatic is an air driven air filtration unit which delivers 1900 CFM at 100 psi with variable speed capabilities. This machine is ideal for those situations where an electric model is forbidden.
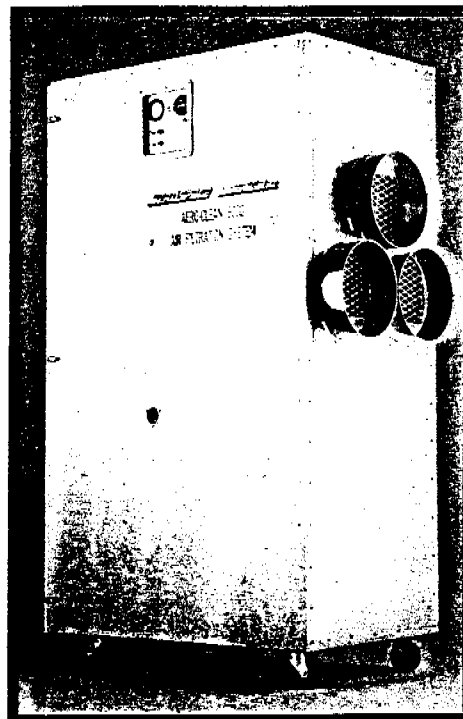
Features include:
- Filter for cleaning supply air
- Oil supply to motor
- Minihelic guage to inform operator of static pressure on filters

Aero-Clean 6000 — Model #9113

The Aero-Clean 6000 has the capacity needed for the largest abatement projects. It saves the contractor set up time, reduces power requirements and allows for more floor space.

Dimensions	Weight	Power Supply	Motor
Width - 30" Height - 80" Length - 52"	490 lbs.	220 volts 15 amps	5 H.P. Thermal Protection Sealed Lubrication

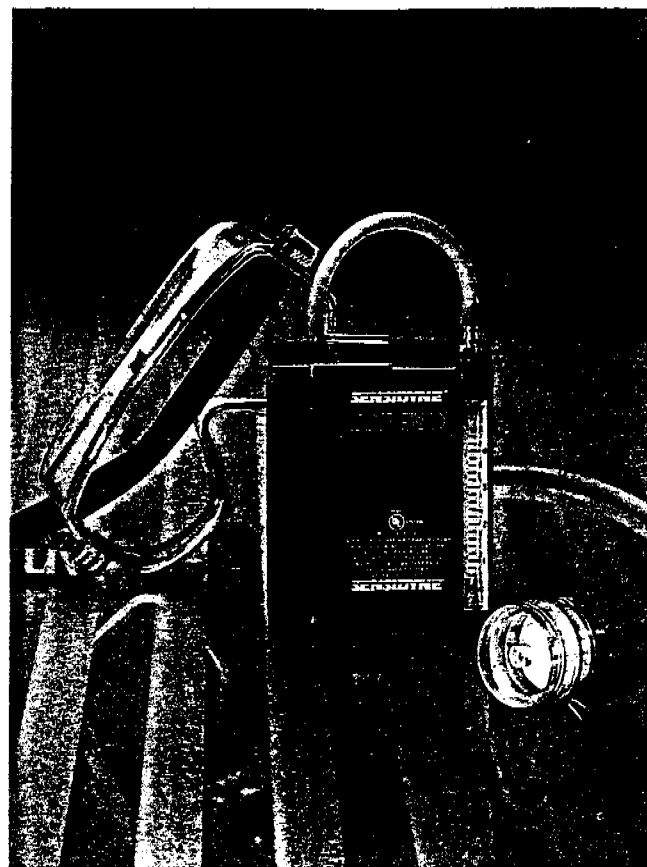| Air Capacity	Filters	Fan
6000 CFM at 0.5" W.C. Static Pressure On Guage	3 – High Capacity H.E.P.A. Filters 3 – 2" Pleat Secondary Filters 1 – 1/2" Poly Pad Primary Filter	AMAC Rated

SENSIDYNE'S LOW COST SAMPLING PUMP FOR LEAD AND ASBESTOS MONITORING

- Less Expensive

- Smaller, Lightweight Design

- Rugged and Dependable

- Rechargeable NiCAD Battery

- Built-in Rotameter

Sensidyne's BDX 530 Air Sampling Pump, with a unique combination of compact size, lightweight design and low cost, fully allows you to accurately monitor for asbestos using the NIOSH Method 7400 or the OSHA reference sampling method at up to 2.5 LPM. Similarly, lead monitoring following NIOSH Methods 7082 or 7300 may be conducted at 2.0 to 3.0 LPM. It is a simple, no-nonsense alternative to monitoring pumps costing twice as much. Incorporating a built-in flowmeter, rechargeable NiCAD battery and adjustable flow rates form 0.5 to 3.0 LPM, the BDX 530 is the newest member of Sensidyne's family of field-proven, rugged and dependable personal sampling pumps.

A LOW COST, NO-NONSENSE ALTERNATIVE

The new BDX 530 saves you money because you do not pay for features you do not need; like constant flow, extra attachments or low flow ranges. Constant flow pumps draw air at a constant flow rate regardless of the resistance created by the build up of dust and fibers on the filter. The primary advantage of these pumps is they compensate for the increased pressure drop caused by excessive build up on the filter. Asbestos measurements, however, consist of physically counting the number of fibers collected on the filter. If too many fibers are col-

lected such that the flow rate is affected, it is impossible to correctly perform the microscopic fiber count. Therefore, there is no need for the expensive attachments or complex inner workings of a constant flow pump.

Sensidyne's BDX 530 is a no-nonsense alternative to pumps costing twice as much and it does your lead or asbestos monitoring job without the high cost of excess baggage. Small in size but big on performance, the BDX 530 offers you only the features you need most.

PERFORMANCE SPECIFICATIONS

Flow Range	0.5 to 3.0 LPM
Flow Accuracy	± 5% of Calibrated Flow with no more than 2 adjustments over an 8 hour period.
Dimensions	4 1/2″ H x 4″ W x 2 3/8″ D
Weight	23 ounces
Operating Temperature	-18° to 40° C
Voltage	4.8 Vdc

ORDERING INFORMATION

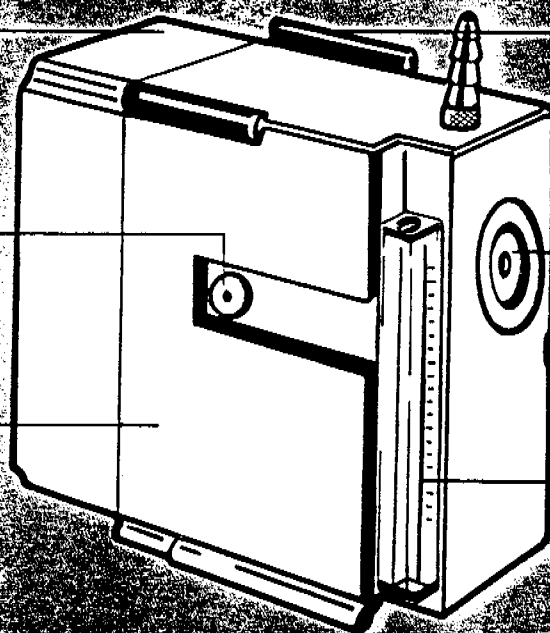| Item	Part Number
BDX 530	7011787-1
Battery Pack*	7011788-1
Single Unit Charger* (110 Volt)	3529933-12
Single Unit Charger* (220 Volt)	3529933-13
Five Unit Charger* (110 Volt)	3529933-14
Five Unit Charger* (220 Volt)	3529933-15

*For Use With BDX 530

FEATURES

Rechargeable NiCAD Battery
Detachable from pump body for recharging and designed to provide over 10 hours of dependable operation on a single charge.

Sealed Flow Adjustment
Sealed from dust and fibers, the flow adjustment is easy to use and quick to calibrate with Sensidyne's EZ Cal 1.

Rugged and Dependable
Made to withstand the most rugged environments, Sensidyne's pump will outlast and outperform larger and more costly pumps.
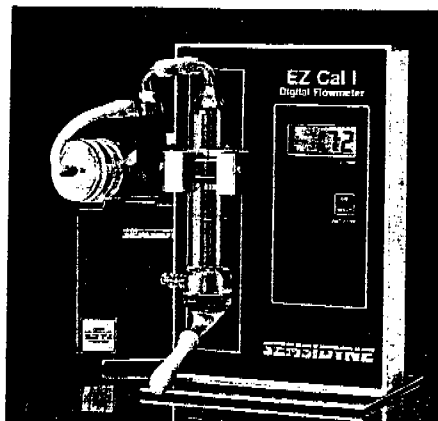
Stainless Steel Belt Clip
For ease in carrying, the wide stainless steel belt clip was made to last with a rugged and snug fit.

Sealed On/Off Switch
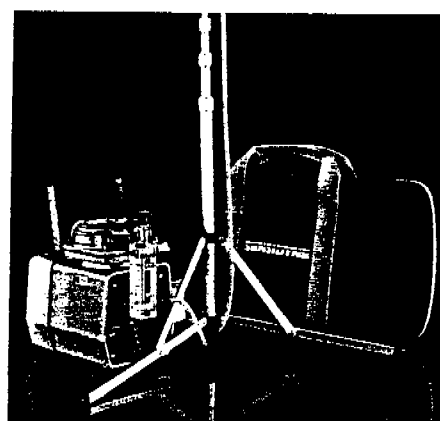Sealed from dust and asbestos fibers, the unit is also water resistant for convenient and easy use with no tools required.

Built-in Rotameter
This built-in rotameter monitors flow rates over the entire flow rate range and features a factory calibration at 2 LPM.

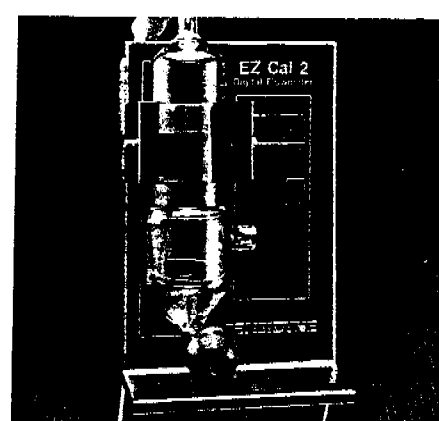## OTHER SENSIDYNE ASBESTOS SAMPLING EQUIPMENT

EZ Cal 1
Digital Flowmeter

The EZ Cal 1 accurately calibrates your personal air sampling pumps (vacuum or pressure), rotameters, orifices and mass velocity sensors. The unit provides instant digital readout, NBS traceability and a measuring range from 5 cc/min. to 5 LPM for fast, trouble-free operation.
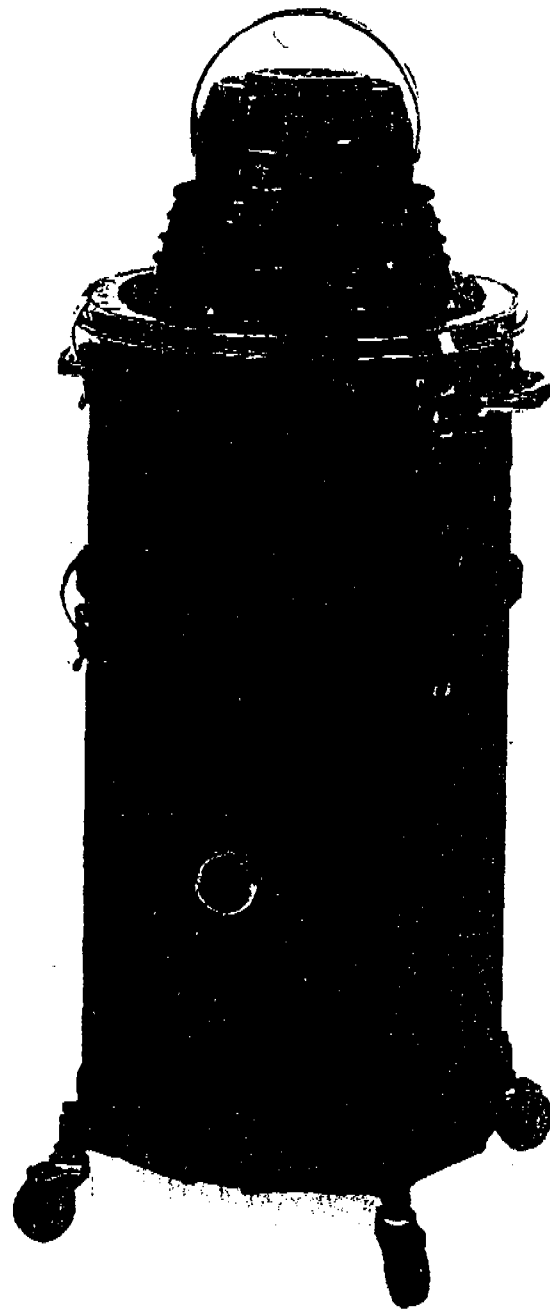
High Flow Asbestos Sampler

Sensidyne's new high flow asbestos sampling pump operates at a flowrate range of 4 to 18 liters per minute (LPM) using a method 7400 filter cassette and 4 to 12 LPM using an AHERA filter cassette for background level monitoring and asbestos fiber clearance sampling. The sampler features a durable oil-less 1/3 horsepower diaphragm pump which provides you with over 3 times the power of competitors' pumps.

EZ Cal 2
Digital Flowmeter

The EZ Cal 2 Digital Flowmeter is designed for fast and easy calibration of your high flow asbestos sampling pumps. With NBS traceability and a measuring range of 0.1 to 16 LPM, the EZ Cal 2 will cover all the flowrate ranges specified in NIOSH and AHERA asbestos sampling procedures.

Compact Wet/Dry
Asbestos and Hazardous
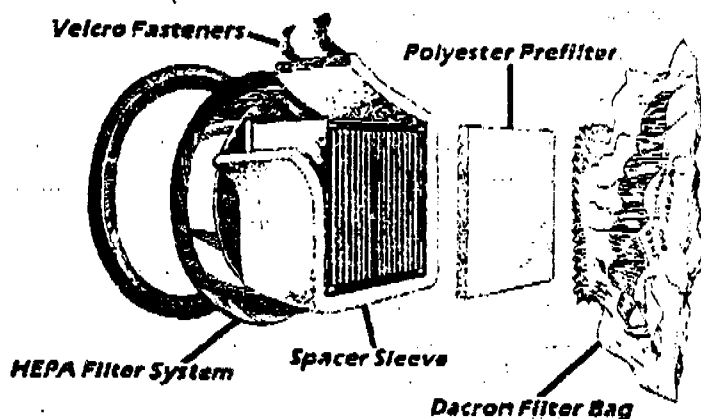# Waste Vacuum

PULLMAN-HOLT

Standard Features:

- 1 H.P 110V, 50HZ, Two Stage By-pass Motor, 7.2 AMPS, 85" waterlift, 96CFM motorhead.

- 20 gauge baked enamel cold rolled steel tank with epoxy lined interior. Recovery capacity: 5 gallons wet and ¾ bushel dry. Equipped with 4 full swivel ball bearing casters.

- Patented automatic full swivel ball bearing hose coupling for easy attaching and positive locking.

- 25 ft. safety cord for ease in working large areas.

- Steel spacer to hold HEPA filter when used for wet pickup.

- Units come with three paper collector bags and three 6 Mil poly bags imprinted with asbestos warnings for proper disposal to assure safety.
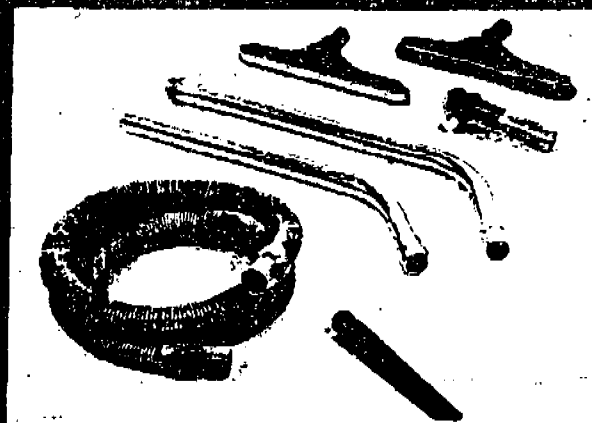
Specifications:

- **Model 86ASB-5-4C – Product Code:** (B160057) Shpg. Wt. 55 lbs., 1 per carton.

- **Warranty** – Motor 2 years, parts 90 days.

HEPA Filter System

Velcro Fasteners, Polyester Prefilter, HEPA Filter System, Spacer Sleeve, Dacron Filter Bag

- HEPA filter with air seal gasket between the motorhead and tank forms a positive air lock.

- A polyester prefilter located on the bottom of the HEPA filter barrel and is held firmly in place with velcro fasteners so that all media is securely covered.

- The "no-slip" spacer sleeve wraps tightly around filter barrel and is joined with velcro fasteners.

- A dacron filter bag covers the entire spacer sleeve and filter barrel for primary filtration.

PULLMAN-HOLT

OPERATION AND CARE INSTRUCTIONS

Model 102ASB-12P Wet/Dry Asbestos Vacuum Cleaner

This vacuum cleaner is a high quality, precision made product. All parts used in the manufacturing of this vacuum cleaner have passed rigid quality control standards prior to assembly and an "each unit" final inspection prior to packaging is your assurance of proper assembly. This vacuum cleaner was protectively packed to prevent possible damage in transit. Should damage have occurred, please notify the transporting carrier immediately for loss and/or claim.
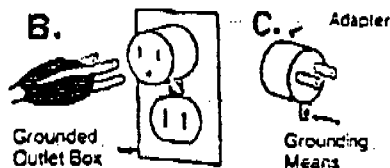
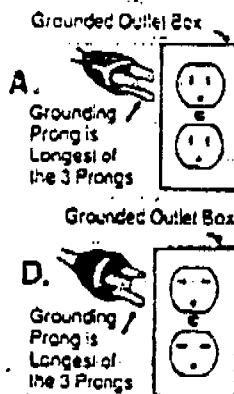### SAVE THESE INSTRUCTIONS

IMPORTANT SAFEGUARDS:

Grounding:

This vacuum should be grounded while in use to protect the operator from electric shock. The vacuum is equipped with an approved three-conductor cord and three-prong grounding type plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live terminal.

If your unit is for use on less than 150 volts, it has a plug like that shown in Figure A.

A. Grounded Outlet Box — Grounding Prong is Longest of the 3 Prongs

B. Grounded Outlet Box

C. Adapter — Grounding Means

D. Grounded Outlet Box — Grounding Prong is Longest of the 3 Prongs

If it is for use on 150 to 250 volts, it has a plug like that shown in Figure D.

An adapter, Figures B & C, is available for connecting Figure A plugs to two-prong receptacles. The green-colored rigid ear, lug etc., must be connected to a permanent ground such as a properly grounded outlet box. No adapter is available for a plug as shown in Figure D. Adapter shown in Figure B & C is not for use in Canada.

Motor:

The suction head of this vacuum cleaner is equipped with a 2 stage, 12.5 AMPS, 2 H.P. By-pass motor developing 105" waterlift and 110 CFM.

When removing the motor head, care in handling is essential. Dropping, banging or other abuse may result in poor vacuum seal and a loss in suction power and will invalidate your warranty.

Extension Cords:

Vacuums that have 3 wire cords requiring grounding must only be used with extension cords that have 3-prong grounding type plugs and 3-pole receptacles.

To determine the minimum wire size required, refer to the chart below:

CHART FOR MINIMUM WIRE SIZE (AWG) OF EXTENSION CORD

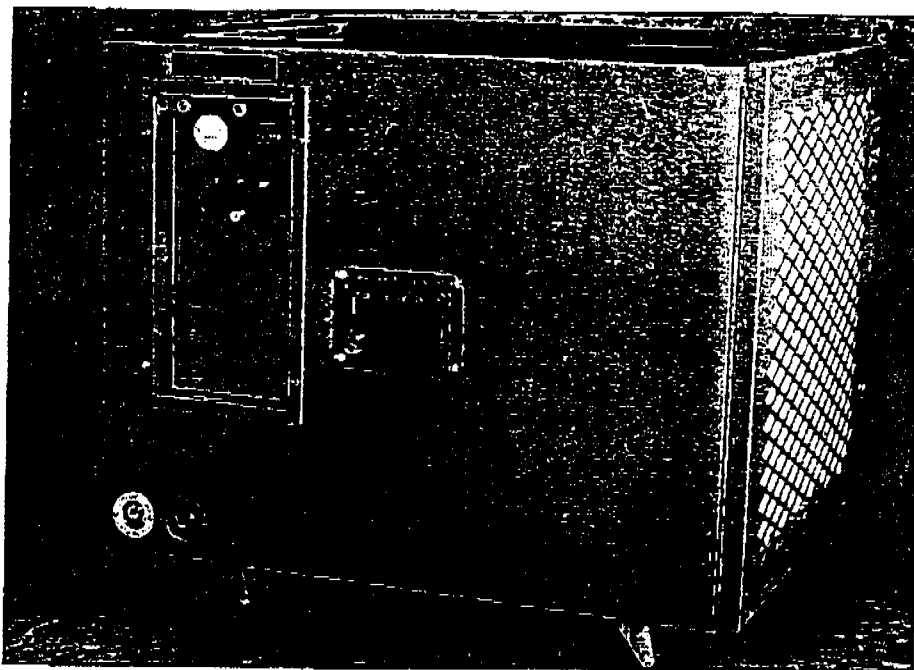| NAMEPLATE Rating-Amps	TOTAL EXTENSION CORD LENGTH-FEET							
	25	50	75	100	125	150	175	200
0-10.0	18	18	16	16	14	14	12	12
10.1-13.0	16	16	14	14	14	12	12	12
13.1-15.0	12	12	12	12	12	12	12	—

Before using an extension cord, inspect it for loose or exposed wires, damaged insulation, and defective fitting.

CAUTION: Always disconnect power cable from electrical outlet when working on this vacuum.

PULLMAN-HOLT

P.O. Box 16647 • 10770 N. 46th Street • Tampa, Florida 33617
(813) 971-2223 • (800) 237-7582 • Fax (813) 971-6050 • Telex 052-621

AIR FILTRATION

CRSI 2000 NEGATIVE AIR

Designed to meet the negative air requirements for most abatement jobs, the CRSI 2000 will effectively exchange air in a 30,000 ft³ area, four times an hour. Weight is 280 lbs.; width 30", length 36", height with casters 32". Top cabinet lip allows for easy stacking. Spring-loaded handles facilitate loading. Comes with heavy-duty casters, intake and exhaust manifolds and 15-ft power cord. Knife-edge filter seal assures 100% seal against HEPA filter bypass. Control panel has visual and audible alarms to warn of pressure differentials caused by clogged filters, unit shut-down, bypass air movement and overload. Operates on 115 VAC, 20 amps. Provides approximately 2000 CFM of airflow with new filters.
Stock No. 070710

2000 STAINLESS STEEL
Same 2000 CFM unit as above with the exact same control panel, motor and blower but with a full stainless steel cabinet. If your needs call for a high-volume unit that has maximum rust protection, the 2000 Stainless Steel is the answer.
Stock No. 070807

Replacement filters CRSI 2000:
Stock No. 070711 Prefilter (30/cs.)
Stock No. 070713 Secnd. filter (12/cs.) Stock No. 070715 HEPA filter
Stock No. 071018 Lower capacity particle board HEPA

CRSI 1800 NEGATIVE AIR
The 1800 is a compact unit with attached power cord and holder. Include a simplified control panel with pressure gauge, filter (high-pressure) warning light and an on/off switch. Includes auto-restart feature which restarts machine after a power outage. The 1800 incorporates easy-to-change prefilters and a knife-edge HEPA seal. Carrying handles are located low on the unit for transporting ease. Heavy-duty casters and an intake manifold are included. Approximately 1800 cfm of airflow allows air to be exchanged in a 27,000 ft³ area four times an hour. Weight is 250 lbs. Dimensions are 20 1/4" wide, 35 1/4" long and 28 1/2" high.
Stock No. 070765

CRSI 1800 STAINLESS STEEL
Includes the same features as the 1800, plus cabinet is constructed of stainless steel to eliminate problems associated with painted units -- including scratching, chipping and rusting which require repainting.
Stock No. 070805
Replacement filters 1800 & 1800SS
Stock No. 070717 Prefilter
Stock No. 070718 Secondary filter
Stock No. 070738 HEPA filter
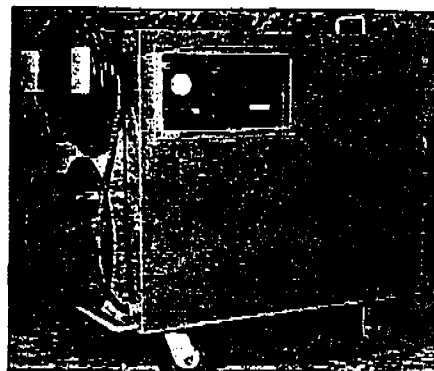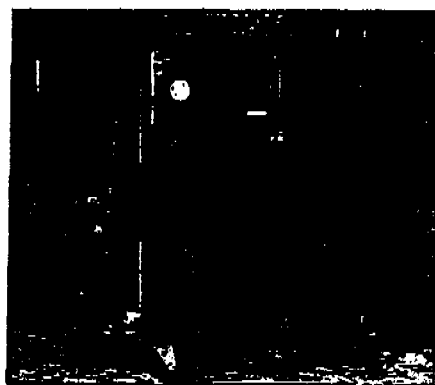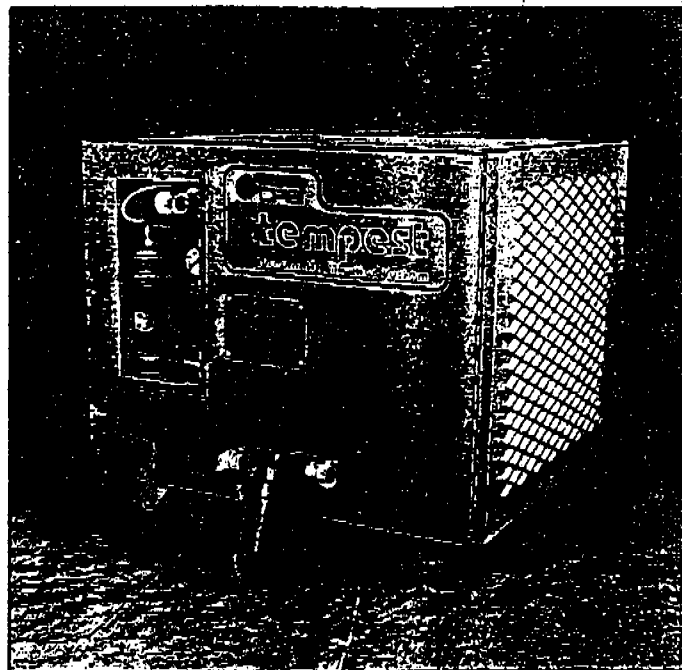Stock No. 070720 Flex Duct 12" X 25'

All CRSI negative air filtration equipment has been designed to meet or exceed EPA and OSHA standards and meet ANSI Z9.2 requirements. Each CRSI negative air units effectively eliminates hazardous airborne contaminants and particles down to 0.3 microns at 99.97% efficiency. Models range from 300 cfm to 6000 cfm. Each system utilizes at least three stages of filtration consisting of: Pre-filter - 80% synthetic weight arrestance. Secondary filter - 91% synthetic weight arrestance. HEPA filter - (High Efficiency Particulate Absolute) filters 0.3 microns at 99.97%. HEPA filters with 99.999% efficiency at 0.12 microns are also available for some models.

TEMPEST 2000 AIR-DRIVEN NEGATIVE AIR

When you need high volume negative air in an explosion proof environment, CRSI's TEMPEST is the answer. This 2000 cfm negative air machine is similar to the CRSI 2000 except that it is air driven. Air requirements to power the unit is 100 psi at a maximum of 75 cfm. Output is infinitely variable up to 2000 cfm at 1.5 inches of water column static pressure. There are no gate valves to crank open or closed; just flip the start/stop toggle valve to activate or deactivate the incoming air to the unit. If the compressor should malfunction or if an air line bursts, the unit will sound a seven minute alarm which is powered by a freon canister supplied with the unit. Output air can be adjusted from 0 to 2000 cfm by setting the internal regulator to the desired inlet pressure. Unit may be ordered with a HEPA interlock system which will prohibit unit from operating if HEPA filter is not in place. Unit includes four casters, HEPA filter, prefilter, secondary filter, intake manifold and a 12-inch exhaust manifold. Length 36", width 30", height 32" with casters and weight 255 lbs. with filters loaded. Uses 24" X 24" filters. For exhaust duct and replacement filters see CRSI 2000 negative air unit.
Stock No. 070779

600L NEGATIVE AIR

The 600L is a highly requested variable speed negative air filtration machine. It provides 300-600 cfm of airflow and effectively exchanges (at highest speed) the air four times an hour in up to 8,500 ft³ area. It weighs 125 lbs. Dimensions are 31" long, 18" wide, 18-1/2" high. Uses 8" exhaust duct -- 8" intake manifold also provided. Control panel includes pressure gauge, hour meter and 12-hour timer as well as audible and visual alarms. Uses 15" X 15" filters. Requires 115 VAC, 15 amp, 60 Hz. current.
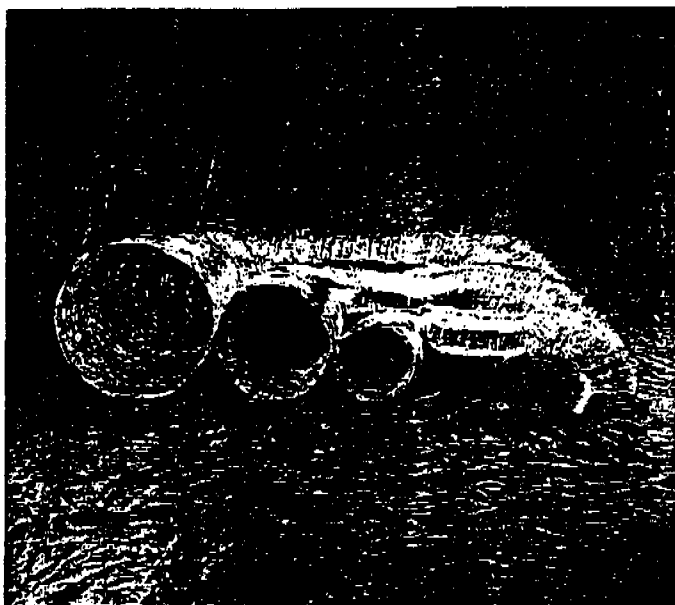Stock No. 070703

Filters and accessories for 600L
Stock No. 070704 Pre-filter
Stock No. 070705 Secondary filter
Stock No. 070706 HEPA filter
Stock No. 070707 8" x 25' flexduct

METALIZED NEGATIVE AIR EXHAUST DUCTING

CRSI produces its own metalized poly ducting for exhausting negative air. Available in 25 ft. lengths for all negative air machines with 8", 12", 14" or 16" diameter maniflods.
Stock No. 070707 – 8" X 25'
Stock No. 070720 – 12" X 25'
Stock No. 070737 – 14" X 25'
Stock No. 070724 – 16" X 25'

TUBULAR "LAY-FLAT" POLY DUCTING
Clear lay-flat poly ducting comes in 500 ft. rolls. can be cut to desired length. 8", 12", 14" & 16" diameters.
Stock No. 070730 – 8" X 500'
Stock No. 070736 – 12" X 500'
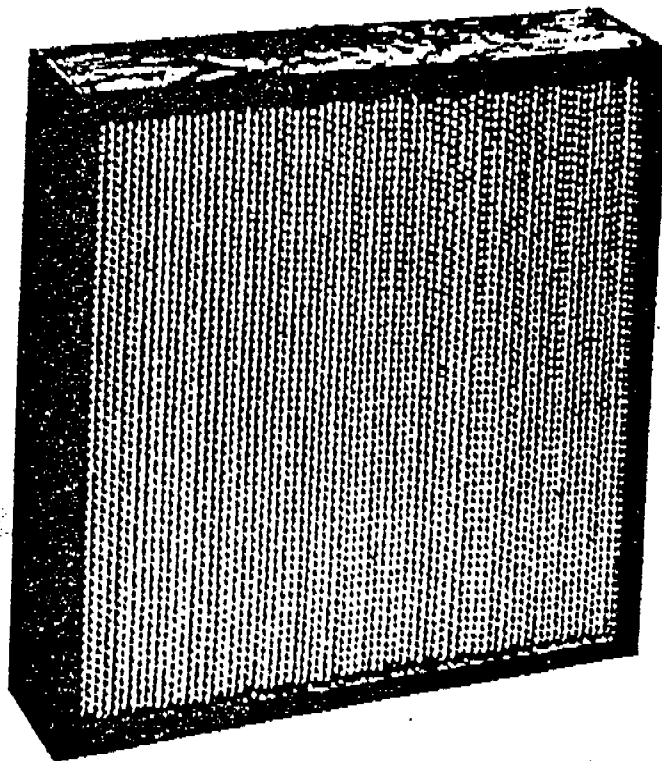Stock No. 071022 - 14" X 500'
Stock No. 070758 – 16" X 500'

FILTRATION MASTER, INC.

FMI· ULTRA CELL

HEPA 99.97% & 99.99%

PRODUCT INFORMATION SHEET

FILTRATION

MASTER UltraCell 99.97% and 99.99% Hepa filters have a primary use in a contaminant free environment. Each individual filter is D.O.P. (Dioctyl Phthalate) tested in accordance with Army Instrn. Manual 136-300-175A, using cold DOP smoke particles.

The UltraCell Hepa 99.97% is guaranteed to be at least 99.97% efficient in removing 0.3 micron diameter particles. The 99.99% efficient filter is scanned to detect minute leakes within 0.1 micron diameter in the media or between the pack and frame. The scanning test is performed in accordance with Federal Standard 209b. All test data is listed on each individual filter.

Filters can be stacked in banks or placed in individual holding frames. The holding frames and fasteners are also available from FILTRATION MASTER

All Hepa board frames have rabbeted joints for secure seal and rigid construction.

Components consist of particle board Hepa sides (Fire retardent and Plywood also available), waterproof glass media, aluminum separators, and a rubber based adhesive, which is self extinguishing. Aluminum or 16 gauge galvanized frames are available. Face gasketing is provided on one side.

Further data is available upon request. All specific questions may be forwarded to