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.

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Weight</th>
<th>Power Supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width - 14&quot;</td>
<td>80 lbs.</td>
<td>120 volts</td>
</tr>
<tr>
<td>Height - 18&quot;</td>
<td></td>
<td>10 amps</td>
</tr>
<tr>
<td>Length - 31&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Motor</th>
<th>Air Capacity</th>
<th>Filters</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4 H.P.</td>
<td>1800 CFM</td>
<td>18&quot; x 24&quot; x 11-7/8&quot;</td>
</tr>
<tr>
<td></td>
<td>1200 CFM</td>
<td>2 Ply Panel</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1/2&quot; Pre-Filter</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Weight</th>
<th>Power Supply</th>
<th>Motor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width - 14&quot;</td>
<td>90 lbs.</td>
<td>120 volts</td>
<td>1/3 H.P.</td>
</tr>
<tr>
<td>Height - 42&quot;</td>
<td></td>
<td>8 amps</td>
<td></td>
</tr>
<tr>
<td>Length - 14&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Air Capacity</th>
<th>Filters</th>
<th>Fan</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 CFM at 1.1&quot; W.C. Static Pressure On Gauge</td>
<td>1st, 2nd &amp; H.E.P.A. Filters</td>
<td>AMCA Rated Pressure Blower</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Weight</th>
<th>Power Supply</th>
<th>Motor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width - 14&quot;</td>
<td>77 lbs.</td>
<td>120 volts</td>
<td>1/3 H.P.</td>
</tr>
<tr>
<td>Height - 19&quot;</td>
<td></td>
<td>8 amps</td>
<td></td>
</tr>
<tr>
<td>Length - 21&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Air Capacity</th>
<th>Filters</th>
<th>Fan</th>
</tr>
</thead>
<tbody>
<tr>
<td>300 CFM at 1.1&quot; W.C. Static Pressure On Gauge</td>
<td>H.E.P.A. Filters</td>
<td>AMAC Rated Pressure Blower</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Weight</th>
<th>Power Supply</th>
<th>Motor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width - 26&quot;</td>
<td>170 lbs.</td>
<td>115 volts</td>
<td>1-1/2 H.P.</td>
</tr>
<tr>
<td>Height - 26&quot;</td>
<td></td>
<td>13 amps</td>
<td>Thermal Protection</td>
</tr>
<tr>
<td>Length - 32&quot;</td>
<td></td>
<td></td>
<td>Sealed Lubrication</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Air Capacity (speeds)</th>
<th>Filters</th>
<th>Fan</th>
</tr>
</thead>
<tbody>
<tr>
<td>High 1850 CFM at 1.1&quot;</td>
<td>High Capacity</td>
<td>AMCA Rated</td>
</tr>
<tr>
<td>Low 1000 CFM at 0.5&quot;</td>
<td>H.E.P.A. Filter</td>
<td></td>
</tr>
<tr>
<td>W.C. Static Pressure</td>
<td>2&quot; Pleat Secondary Filter</td>
<td></td>
</tr>
<tr>
<td>On Guage</td>
<td>1/2&quot; Poly Pad Primary Filter</td>
<td></td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Weight</th>
<th>Power Supply</th>
<th>Motor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width - 30&quot;</td>
<td>490 lbs.</td>
<td>220 volts</td>
<td>5 H.P. Thermal Protection</td>
</tr>
<tr>
<td>Height - 80&quot;</td>
<td></td>
<td>15 amps</td>
<td>Sealed Lubrication</td>
</tr>
<tr>
<td>Length - 52&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Air Capacity</th>
<th>Filters</th>
<th>Fan</th>
</tr>
</thead>
<tbody>
<tr>
<td>6000 CFM at 0.5° W.C.</td>
<td>3 – High Capacity H.E.P.A. Filters</td>
<td>AMAC Rated</td>
</tr>
<tr>
<td>Static Pressure On Guage</td>
<td>3 – 2&quot; Pleat Secondary Filters</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 – 1/2&quot; Poly Pad Primary Filter</td>
<td></td>
</tr>
</tbody>
</table>
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 collected 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

<table>
<thead>
<tr>
<th>Item</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>BDX 530</td>
<td>7011787-1</td>
</tr>
<tr>
<td>Battery Pack*</td>
<td>7011788-1</td>
</tr>
<tr>
<td>Single Unit Charger* (110 Volt)</td>
<td>3529933-12</td>
</tr>
<tr>
<td>Single Unit Charger* (220 Volt)</td>
<td>3529933-13</td>
</tr>
<tr>
<td>Five Unit Charger* (110 Volt)</td>
<td>3529933-14</td>
</tr>
<tr>
<td>Five Unit Charger* (220 Volt)</td>
<td>3529933-15</td>
</tr>
</tbody>
</table>

*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 flow rate 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 flow rate ranges specified in NIOSH and AHERA asbestos sampling procedures.

SENSIDYNE, INC.
16333 Bay Vista Drive
Clearwater, Florida 34620 USA
800-451-9444
In Florida (813) 530-3602
Telex 756223
Fax 813-539-0550

Copyright 1989 Sensidyne, Inc.
Rev. 7/93
Compact Wet/Dry Asbestos and Hazardous Waste Vacuum

PULLMAN-HOLT
Standard Features:
- 1 H.P. 110V, SCHZ, 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 1/4 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: [8616057]
  Shpg. Wt. 55 lbs., 1 per carton.
- Warranty – Motor 2 years, parts 90 days.

HEPA Filter System

HEPA Filter System

Velcro Fasteners
Polyester Prefilter
Spacer Sleeve
Dacron Filter Bag

- HEPA Filter with air seal gasket between the motorhead and tank forms a positive airlock.
- 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.
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 are "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.

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

<table>
<thead>
<tr>
<th>NAMEPLATE</th>
<th>TOTAL EXTENSION CORD LENGTH, FEET</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-10.0</td>
<td>12 12 12 12 12 12 12 12 12 12 12 12</td>
</tr>
<tr>
<td>10.1-13.0</td>
<td>12 12 12 12 12 12 12 12 12 12 12 12</td>
</tr>
<tr>
<td>13.1-15.0</td>
<td>12 12 12 12 12 12 12 12 12 12 12 12</td>
</tr>
</tbody>
</table>

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.
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"
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 carusel 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, prefiltor, 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 ft² 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’ flex duct

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 manifolds.
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-UltraCell

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. (Diocetyl 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 leaks 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 rabbeded joints for secure seal and rigid construction.

Components consist of particle board Hepa sides (Fire retardant 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.