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## Safety Supplies & Mold Remediation Equipment
- Also Available!!!
The MAC 2500HD features “airfoil” fan technology that creates maximum performance in a single motor unit! This three stage filtration system is easy to operate and has a 12 year track record as contractor’s choice on residential & commercial source removal projects!

For Over 12 Years... A Dependable and Proven Profit Generator!!

The MAC 3800 gives maximum performance for any size job at a fraction of the cost of most collectors in the market! 2-piece modular design makes it easy to assemble/disassemble on jobs. Contractors can use up to 50’ of intake hose when hooking the unit up to the ductwork, so the machine can be left in a central location without having to be moved up and down stairs. Standard filter sizes with long life!

Specifications:
- Filter Cabinet: 26.5” by 21” by 29” (67.3cm by 53.3cm by 73.1cm)
- Motor/Fan Housing: 27” by 26” by 30” (68.5cm by 66cm by 76.2cm)
- Weight: 225lbs
- 12” Inlet, 3-stage filtration system

Convert This Unit Into an Insulation Removal Machine with our Conversion Kit! Multi Task Machine with MAXIMUM HORSEPOWER!

Designed for fast, profitable removal of fire, smoke and water damaged insulation for attics, crawlspaces or other areas! Handles bulky material – wet or dry! Use our conversion kit to adapt machine to clean air ducts!

NOW AVAILABLE in 8 HP, 13 HP, and 15 HP!
COMPRESSOR ACCESSORY KIT PART #1850

Includes:
- 2 ea 3/8" x 50' airline hose
- 1 ea 1/4" x 35' clear tubing
- 1 ea 1/4" x 25' PVC reinforced hose
- 4 ea single whip – nylon & latex
- 1 ea air gun
- 1 ea nozzle extension
- 1 ea forward and reverse nylon nozzle
- 1 ea forward and reverse aluminum nozzle
- 1 ea compressor fitting

GAS/ELECTRIC POWERED

We handle a large variety of portable gas or electric compressors that provide the maximum combination of airflow and pressure. Move these units onto the job or leave it on your service vehicle!

#1761 15.6 cfm 150 psi Honda 8hp
#1762 15.4 cfm 175 psi Honda 8hp
#1752 15.2 cfm 175 psi 5hp 220/1
#1765 17.9 cfm 175 psi 5hp 220/1

COMPRESSOR ACCESSORIES

#1800 3/8" x 50' Non-marking airline hose
#1801 1/4" x 35' Clear air hose (use with reverse nozzles)
#1802 1/4" x 25' Clear PVC tubing with wire (use with whips and forward nozzles)
#1803 Whip Hose—Nylon
#1812 Whip Hose—Latex
#1804 Air gun
#1805 Nozzle extension
#1806 Aluminum nozzle reverse
#1807 Aluminum nozzle forward
#1808 Nylon nozzle reverse
#1809 Nylon nozzle forward
#1813 Compressor Fitting ½" male NPT
#1853 Triple Whip Assembly

RESIDENTIAL TRIPLE WHIP PART #1853

- 25' (7.6m) reinforced hose uses 150 psi+ (10.4 bar) air to dislodge debris in a variety of ducting.
- 2 ½" (64mm) ball guides the triple whip head down the duct.
- Triple whipping action is faster than any single whip device!

VIPER SYSTEM PART #2450 • SYSTEM II PART #2449

- 7 different air nozzles/whips for maximum agitation (#2450).
- Carrying case included.
- Rigid poles and flexible lines included.
**ELECTRIC POWER BRUSH**  PART #1750

This is the contractor's choice for fast, thorough cleaning of residential and commercial ducts.

- Compact, lightweight, unit turns a 35' (10.7m) cable with “Prop” Drive Strap Head.
- Exclusive belt-mount controls forward/reverse and variable speed.
- Strap Head BLOWS the dirt towards the vacuum source.
- Extra strapping included to change sizes.
- This is the contractor's choice for fast, thorough cleaning of residential or commercial ducts.

**Specifications:**
- 16” long (41cm), 11” wide (28cm), 10” height (25.5cm)
- 41 lbs (18.6kg)
- Custom Cable length available
- 220V 50/60hz available

**METAL FLARE TOOL**  PART #1708

Super aggressive tool for steel or metal round ducts up to 8” (203mm). Used for heavy buildup, descaling, or insulation removal. Centrifugally activated wire cables with cobalt tips.

**NYLON FLARE TOOL**  PART #1709

Stiff nylon rods flare up to 14” (356mm) for aggressive cleaning of metal surfaces. Used in round metal ducting and may be used for insulation removal.

**AIR DRIVEN POWER BRUSH SYSTEM**  PART #2420

Features ‘pitched’ blades that blow loosened dirt towards your collector!

- Air powered motor spins “Prop” Drive Strap Head that cleans and BLOWS dirt loose.
- Better than any brush! Strapping is adjustable to get in the corners like no round brush can!
- Two leg assemblies for height adjustments from 8” (200mm) to 30” (760mm) tall ducts.
- 20’ (6m) rigid air poles, air regulator, trigger gun included. Add more air poles as needed.
- Exclusive air exhaust system helps blast dirt towards the vacuum source.
- Duct Eye bracket included for viewing Power Brushing as it occurs! (Duct Eye not included)
- 90 psi (6.2 bar) maximum, 8cfm (226Lpm).

**DRILL POWERED ROTARY BRUSH 25’**  PART #1696

- Cable spins “Prop” Drive Strap Head that gently cleans and BLOWS the loose dirt towards the vacuum unit.
- Economical and efficient for residential power brushing.
- Comes with strap head, extra strapping, cable ends. (1/2” v/s. drill recommended, not included).

**SWEEPER BRUSH SYSTEM**  PART #3070

Get full duct coverage with dual spinning brushes that even get into the corners! Reversible 900 rpm motor exhausts air forward blowing the dirt down the duct! Short and tall adjustable legs centers the air driven motor. System comes with 20' of rigid air poles, air regulator and bracket for mounting The Duct Eye. Runs on 8+ cfm and 90 psi. Four sets of brushes are standard (for 8”; 10”; 12”; and 14” height ducts). Special sizes and texture (softer) styles of brushes available.
MANUAL BRUSHES/RODS

Quality "Soft Touch" brushes designed for thorough source removal of dust and debris. Round, square and rectangular shapes in stock. Larger brushes have more density and stiffer filament for aggressive cleaning on duct surfaces. Smaller sizes are suitable for insulated or non-insulated ducting. Special sizes, chimney and steel brushes are available upon request. All brushes and rods can be sold as a kit or separately.

BRUSHES
#1501 Dryer Vent Brush 3" with ball cap
#1502 Dryer Vent Brush 4" with ball cap
#1510 Round Nylon 6"
#1511 Round Nylon 8"
#1512 Round Nylon 10"
#1513 Round Nylon 12"
#1514 1 Round Nylon 14"
#1515 1 Round Nylon 18"
#1518 1 Round Nylon 24"
#1519 1 Round Nylon 30"
#1520 1 Round Nylon 36"
#1522 Square Nylon 6x6
#1523 Square Nylon 8x8
#1524 Square Nylon 10x10
#1525 Square Nylon 12x12
#1530 Rectangular Nylon 12x8
#1531 Rectangular Nylon 16x12
#1532 Rectangular Nylon 20x24

FLEX RODS
#1551 5/16" x 48" Nylon Flex Rods *
#1552 3/8" x 48" Fiberglass Flex Rods **
#1553 3/8" x 48" Superflex Nylon Rods **

MANUAL BRUSH/KITS

#1570 RESIDENTIAL
1 ea 6" round brush
1 ea 8" round brush
1 ea 10" round brush
1 ea 12" round brush
1 ea 18" round brush
1 ea 12"x8" rectangular brush
6 ea 4" fiberglass rods
6 ea 4" superflex rod
1 ea large carrying bag

#1574 COMMERCIAL
1 ea 6" round brush
1 ea 8" round brush
1 ea 10" round brush
1 ea 12" round brush
1 ea 18" round brush
1 ea 24" round brush
1 ea 12"x8" rectangle brush
1 ea 16"x12" rectangle brush
1 ea 20"x24" rectangle brush
10 ea 4" fiberglass rods
6 ea 4" superflex rods
1 ea large carrying bag

DRYER VENT BRUSH KIT PART #1571

• 1 ea. 3" and 4" Dryer Vent Brush w/ nylon ball cap
• 5 ea. 5/16" x 4' Nylon Flex Rods

NEW!
Adapter now available to use dryer vent brushes on 3/8" air duct cleaning rods!

1 Manual use only.
*Used with dryer vent brushes
**For use on all Poly Duct Brushes except dryer vent brushes
PT (Pan and Tilt) DUCT EYE CAMERA PART #3192

The New PT (Pan and Tilt) Duct Eye Camera System allows for full viewing of interior surfaces no matter what the position of the camera head is! The Pan and Tilt feature adjusts the camera 180° left to right and 360° around! Full color camera has built in lights with added "high beam" for extra viewing in darker areas. Roller cage with steel arms protect the camera while rolling down the duct.

SEEING IS BELIEVING!

The Pan & Tilt Video Inspection System is an exceptionally versatile system. It brings together a unique blend of technology portability and ease-of-use. It is light, yet rugged, with an unmatched "go anywhere" attitude. Use the Pan & Tilt in pipes, sewers, ducts, chimneys... just about anywhere you need to inspect.

And, to help you locate where your camera head is inside the pipe, behind the wall or under the ground, the L24 Locator is the perfect accessory. Compact, easy to use, the L24 uses radio frequency to detect the position of the transmitter attached to the Camera. The transmitter is easily attached in between the camera and the video rod and can be added or removed in seconds. The unique flexible design of the transmitter allows for easy navigation around bends.

The L24 operates on a simple premise: the stronger the signal, the closer the receiver is to the transmitter. The position of the camera head/transmitter is determined by finding the maximum signal strength as displayed both by the needle indicator on the hand held receiver and by the strength of the acoustic signal in the provided headphones. The maximum point of the radio signal reception is best determined by listening to the acoustic signal on the headphone. The receiver has a needle scale and an audio readout. The unit comes with headphones, transmitter and receiver.

MINI DUCT EYE PART #3190

The Mini Duct Eye is completely interchangeable with the Pan and Tilt Camera and is just over 1" in diameter. The color camera has built-in lights and comes with a protective sleeve. Flexible connections on the end of the cable for easy use inside small areas... and excellent tool for air ducts... or systems components such as coils and heat exchanges.

- Soft cable for vertical use
- Rigid 7mm cable for pushing into ducting
- Cable reel/stand can be belt mounted for one man operation
- 5.6" color monitor and industrial case
- Attach to VCR, Video Recorder or use optional software to load directly onto lap top and copy images to a CD
- PAL or NTSC
- 110v or battery powered
- Software video editing program available to use with cameras

ECO N O SCOPE

The flexible shaft adjusts to almost any position and allows easy one-hand operation. Powerful halogen bulb illuminates dark areas with the push of a button. Inspect inside HVAC systems, wall cavities and other hard to see areas!

#2810 36"
#2811 18"
#2815 Clip on 45° mirror
IN SPECTOR ROBOT II
PART #2451

- Small, compact size - 5.6" tall (112mm), 7" wide (185mm), 8.5" length (290mm).
  Weight: 8 lbs 4oz. (3.74 kg)
- Two cameras, wide-angle forward color and rear facing black and white.
- High-intensity adjustable forward and rear lights.
- 100' cable, joystick control box with fully proportional controls.
- Adjustable lamp control on joystick with camera control switch. Camera switch allows operator to switch from forward to rear camera instantly when using single monitor. (9" monitor/VCR included)
- Removable camera module inserts into illuminated Camera Tube for viewing of vertical shafts.
- Comes with compressed air accessories for cleaning (with height adjustments).
- Audio recording possible directly onto VHS tape (optional).
- Spraying lance with 360 degree tip for applying sanitizers, sealants, and coatings included.
- Comes with Super Grip track drive or tire configuration.
- Complete system packaged in industrial, wheeled case making it fast and easy to set up on the job. Overall case size: 29" tall (735mm), 21" wide (530mm), 22.75" length (580mm).
- 220V - 50/60hz - PAL configuration available.
- One Year Warranty.

Specifications: (Robot only)
- 7" wide (185mm)
- 8.5" long (290mm)
- 5.6" height (112mm)
- 8 lbs. 4 oz. (3.7kg)

110V NTSC version case:
- 21" wide (530mm)
- 22.75" long (580mm)
- 29" height (735mm)

*220V/50/60hz systems available. PAL units have 14" monitor in separate case.

MINI INSPECTION ROBOT
PART #2820

Ultra small for residential or commercial inspections

- Video and audio recording capabilities
- Industrial briefcase holds everything that you need

Features
- 5.75"L x (146mm) x 5.50" W (140mm) x 2.50" H (64mm)
- SPEED - 40' per minute (12.20 meters per minute)
- Multiple High Intensity Lights - Adjustable

DELUXE CLEANING ROBOT
PART #2655

Full Feature Robot can spray, coat, and brush duct interiors on round, square, or rectangular ducts. Faster than any other product on the market! Two cameras make the viewing and recording process easy.

FAST - travels more than 75' (23m) per minute.

The system comes with the base robot unit, extendible and height adjustable tool platforms that holds the air wand, spray wand, rotary brush or dual horizontal brush motor accessories.

- High resolution wide angle color forward camera
- Air wand
- 360° Spray Applicator
- Adjustable forward camera position
- Super Grip tracks - Smooth tracks - Tire Drives
- 4 sizes of horizontal brushes up to 20° in height
- B&W rear camera
- Dual “Sweeper” brushing
- Rotary brushing
- Telescoping tool arm
- Proportional controls

Specifications: Robot only
- 11.25" wide (285mm), 18° long (460mm), 6" height (153mm), 38 lbs. (17.2kg)

Custom brush sizes and styles available

Four pairs of horizontal brushes standard:
- 9" (22.8cm)
- 13" (33cm)
- 17" (43cm)
- 20" (51cm)
HEPA VACUUMS

6 GAL COMMERCIAL GRADE PART #2114

This model is designed to work in tight areas, on scaffolding, in duct work or any jobsite where a rugged steel compact vacuum is required. Complete tool kit included.

Shipping weight 38 lbs., 85” waterlift, 96 cfm

Wet/Dry PART #2125

BACK PACK PART #2115

- 2-stage, 1 hp, 7.2 amps, 85” waterlift, 101 cfm
- 50 ft. safety cord
- Lightweight plastic frame with side straps for comfort and ease of cleaning
- Top-fill design for maximum capacity
- 20 gauge steel tank with baked enamel finish

10 GAL WET/DRY PART #2100

The popular 2 hp, 2-stage long-life motor makes this HEPA vacuum a true workhorse for heavy duty service in professional IAQ work. Comes with complete tool kit.

- Louvered metal head diffuses exhaust air to prevent excessive air disturbance
- 25 ft. safety cord for ease in working large areas
- 12.5 amps, 105” waterlift, 110 cfm, 72 lbs.

MAC 10 PART #2119

Finally...an economical and efficient vacuum to remove allergens. Our new compact, portable anti-allergy vacuum provides an unbeatable combination of features, performance and low price. The portability of this unit makes any cleaning job fast, safe and easy!! Complete with 10’ hose, 2 pc. wand, floor brush, crevice tool and round dust brush.

Waterlift 87” CFM 106 29 lbs. 1.5 hp

<table>
<thead>
<tr>
<th>HEPA Vac Accessories:</th>
<th>MAC 10 #2119</th>
<th>6 gal VAC-dry #2114</th>
<th>Back Pack #2115</th>
<th>10 gal #2100</th>
</tr>
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<tbody>
<tr>
<td>Description</td>
<td>Part #</td>
<td>Part #</td>
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<tr>
<td>HEPA filter</td>
<td>2122</td>
<td>2127</td>
<td>2117</td>
<td>2109</td>
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<tr>
<td>Spacer sleeve</td>
<td>-</td>
<td>2204</td>
<td>-</td>
<td>2107</td>
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<td>Dacron filter bag</td>
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<td>Prefilter</td>
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<td>Disposable paper bag</td>
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<td>Cloth collector bag</td>
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<td>Name</td>
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<tr>
<td>#2000</td>
<td><strong>FOSTERS DUCT LINER ADHESIVE COATING</strong></td>
<td>#2000</td>
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<td></td>
<td>Foster Duct Liner Adhesive Coating is a quick setting waterbase adhesive and coating designed for field or shop application to faced or unfaced fiberglass duct liner insulation, or to unfaced fiberglass duct board insulation. It dries to form an effective air erosion preventive coating, sealing and reinforcing the surface of new or aged duct liner insulation materials and is resistant to fire, water, oil, grease, bacteria and fungus.</td>
<td>40-10 W hite</td>
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<tr>
<td>#2001</td>
<td>40-11 Black</td>
<td></td>
<td></td>
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<tr>
<td>#2003</td>
<td><strong>FOSTERS FUNGICIDAL PROTECTIVE COATING</strong></td>
<td>#2003</td>
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<td></td>
<td>Foster Fungicidal Protective Coating is a polyacrylate copolymer emulsion specifically formulated for long term fungicidal activity, with no loss of activity on aging. It contains fungicides that will effectively prevent the growth and spread of molds and bacteria on its surface. It provides a tough, elastic protective finish that allows for movement without splitting to create lodging places for bacteria. The coating improves the indoor air quality by guarding against the re-growth and proliferation of harmful bacteria and molds throughout the building and air handling equipment. As a result, the building occupants have a more healthy environment, and one that is free of the odor problems often associated with contaminated HVAC duct systems. U.S. Patent No. 5,314,719 • EPA Registration No. 63836-1 • EPA Est. No. 63836-TX-001</td>
<td>40-20 White</td>
<td></td>
<td></td>
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<tr>
<td>#2004</td>
<td>40-30 Black</td>
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</tr>
<tr>
<td>#2007</td>
<td><strong>FOSTERS MOLD RESISTANT COATING</strong></td>
<td>#2007</td>
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<td></td>
<td>Foster Mold-Resistant Coating is the highest quality, low viscosity mold-resistant coating on the market today. Specially formulated with selected EPA-registered anti-microbial agents, Foster 40-50 provides long-term protection against odor causing bacteria, mold and mildew growth on its surface in a thin, low odor, easy to apply coating that leaves a white film that is easy to clean and highly resistant to staining. Can be used on bare wood, wood studs, OSB, drywall, plywood, painted surfaces, wallboard, masonry, ceilings and metal.</td>
<td>40-50 White</td>
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<tr>
<td>#2005</td>
<td>40-31 Clear</td>
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<tr>
<td>#2006</td>
<td><strong>FOSTERS DUCT LINER INSULATION SEALANT</strong></td>
<td>#2006</td>
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<td></td>
<td>Foster Duct Liner Insulation Sealer is a waterbase material specially formulated for application to HVAC duct liner or duct board insulations. An application of 40-23 onto lined ducts, after source removal is complete, will effectively contain insulation fibers and residual materials including soot and ash.</td>
<td>40-23</td>
<td></td>
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<tr>
<td>#2009</td>
<td><strong>DUCT DEODORIZER SANITIZER</strong></td>
<td>#2009</td>
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<td>Foster 40-80 HVAC &amp; Wall Disinfectant is a disinfectant-cleaner-fungicide-mildewstat-virucide-deodorizer designed for hospital, institutional, commercial, and industrial use. It is an EPA Registered formulation, a full strength disinfectant, and comes in a convenient ready-to-use dilution. 40-80 has been evaluated in the presence of 5% serum by the AOCA Use-Dilution test and found to be effective against a broad spectrum of gram-negative and gram-positive organisms. EPA Registration No. 6836-152-63836 • EPA Establishment No. 63836-TX-001</td>
<td>40-80</td>
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<tr>
<td>#2020</td>
<td><strong>BIO-CIDE OXINE® SANITIZER</strong></td>
<td>#2020</td>
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<td></td>
<td>The professionals product of choice for killing mold and mildew. Highly effective fungicidal that is environmentally safe for use in air duct sanitizing. Oxine has highest reputation in the market for killing mold, mildew on contact. Used widely in hospitals, factories, commercial properties and industrial. EPA Reg. No. 9804-1. • EPA Est. No. 9804-O.K-1</td>
<td>40-80</td>
<td></td>
<td></td>
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<tr>
<td>#2032</td>
<td><strong>BIO-CIDE ENVIRCON™ (scented)</strong></td>
<td>#2032</td>
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<tr>
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<td>EnviroCon™ is registered by the EPA as a Bacteriostat, Fungistat, Germistat, and All-purpose Deodorizer. This registration allows EnviroCon™ to be applied directly to HVAC system ductwork, evaporator coils, drip pans, and associated air conditioning parts. It also may be used in all building HVAC systems - residential, commercial, industrial and health facilities. It is easily applied with the use of hand held fogg er or air driven sprayer. All HVAC surfaces should be pre-cleaned prior to application. (32 oz. bottles available.)</td>
<td>1 gal (4 gal/cs)</td>
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<tr>
<td>#2031</td>
<td>unscented</td>
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<td></td>
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</tr>
<tr>
<td>#2032</td>
<td>1 gal (4 gal/cs)</td>
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</tbody>
</table>

All MSDS Sheets Can Be Downloaded or Printed Out on Our Website, Under IAQ Chemicals.

www.cleanducts.com
MANUAL SPRAY SYSTEM PART #2425

This easy to use spraying product attaches directly to an airless spray hose and can apply sanitizers, sealants or coatings quickly and completely inside of air duct systems. Adjustable legs center the 360 degree spray tip for fast, one-pass applications in ducts from 8” (200mm) to 30” (760mm) in height. Mounting Bracket included for video Duct Eye camera for documenting the entire process. An economical and simple tool to use for spraying applications.

- Apply sanitizers and coatings quickly and easily with this adjustable system
- Two sets of legs for duct sizes from 8” (200mm) to 30” (760mm) tall
- 360° wide angle spray tip coats evenly on all surfaces, attaches directly to airless sprayer (not included)
- Duct eye bracket included for viewing application (Duct Eye not included)
- Insert into duct with standard brush rods (not included)
- Requires high pressure ball valve (not included)

INSPECTION SPRAYING ROBOT PART #2825

A fast and easy way to apply Sanitizers, Encapsulants and Coatings in shorter and smaller ducts! Attaches directly to an airless sprayer, the 12' hose has a 360° Spray Tip and is inserted into the duct. Don't guess if you applied the chemical down inside of the duct! Use the SPRAY-ARM to be sure to get total coverage. Great for residential and commercial applications. Includes gun, swivel fitting, 12' hose, guide ball and 360° Spray Tip.

- 100' Cable, Industrial case with color monitor
- Dual Cameras - Color front and Black and White rear
- Proportional Controls - makes gradual turns or will turn around within its own length
- Dual Lights with intensity control. Tracks or Tires
- Dimensions: 6 1/4" (H) x 10" (W) x 10" (L)

Joystick control box has power switch to actuate solenoid that is mounted on the robot. Spraying lance has 360 degree spray tip and three height adjustments. This allows the operator to precisely apply sanitizers, encapsulant, sealant and coatings (including Foster’s 40 - 20) with remote spraying control!

Top speed of over 60 feet per minute - the fastest spraying tool available for spraying applications!
INFLATABLE ZONE BAGS

Used to block sections of ducting to make that big job more manageable by doing smaller zones one at a time! Thick inner bladder covered by two puncture-resistant outer cloth layers makes these tough and reusable! Easy to inflate from compressor with standard air valve and quick deflate cap.

#2074 18" Zone bag  #2075 26" Zone bag  #2076 36" Zone bag  #2077 Air valve

ACCESS DOORS & PLASTIC PLUGS

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
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<tbody>
<tr>
<td>#1990</td>
<td>1&quot; Plastic Push-in Plugs 100/bx</td>
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</tr>
<tr>
<td>#1991</td>
<td>1&quot; Plastic Push-in Plugs 1000/bx</td>
<td></td>
</tr>
<tr>
<td>#1976</td>
<td>6&quot;x6&quot; Tab style Camlock door</td>
<td></td>
</tr>
<tr>
<td>#1977</td>
<td>8&quot;x8&quot; Tab style Camlock door</td>
<td></td>
</tr>
<tr>
<td>#1978</td>
<td>10&quot;x10&quot; Tab style Camlock door</td>
<td></td>
</tr>
<tr>
<td>#1979</td>
<td>12&quot;x12&quot; Tab style Camlock door</td>
<td></td>
</tr>
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</table>

TOOLS

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1930</td>
<td>HC-1 hole cutter, cuts hole 2&quot; - 12&quot;</td>
<td></td>
</tr>
<tr>
<td>#1935</td>
<td>Air powered nibbler</td>
<td></td>
</tr>
<tr>
<td>#1873</td>
<td>HC-2 hole cutter, cuts hole 2&quot; - 20&quot;</td>
<td></td>
</tr>
<tr>
<td>#1936</td>
<td>Electric shears</td>
<td></td>
</tr>
<tr>
<td>#1943</td>
<td>Replacement bit for #1930, #1873</td>
<td></td>
</tr>
<tr>
<td>#1937</td>
<td>Air powered shear</td>
<td></td>
</tr>
<tr>
<td>#1924</td>
<td>Varabit (makes fast, easy 1&quot; holes in sheetmetal)</td>
<td></td>
</tr>
<tr>
<td>#1914</td>
<td>36&quot; Cable ties</td>
<td></td>
</tr>
<tr>
<td>#1944</td>
<td>Hole cutter for duct board</td>
<td></td>
</tr>
<tr>
<td>#1911</td>
<td>8x1/2 hex screws 100/bx</td>
<td></td>
</tr>
<tr>
<td>#1912</td>
<td>8x1 1/2 hex screws 100/bx</td>
<td></td>
</tr>
<tr>
<td>#1913</td>
<td>10x1 hex screws 100/bx</td>
<td></td>
</tr>
<tr>
<td>#1945</td>
<td>Kevlar® protective sleeve 18&quot;</td>
<td></td>
</tr>
<tr>
<td>#2701</td>
<td>Air powered chisel</td>
<td></td>
</tr>
</tbody>
</table>

FLEX DUCT

CLEAR REINFORCED MYLAR
- Lightweight
- Economical
- Cut to length

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1352</td>
<td>8&quot; x 25'</td>
<td></td>
</tr>
<tr>
<td>#1353</td>
<td>10&quot; x 25'</td>
<td></td>
</tr>
<tr>
<td>#1354</td>
<td>12&quot; x 25'</td>
<td></td>
</tr>
<tr>
<td>#1355</td>
<td>14&quot; x 25'</td>
<td></td>
</tr>
</tbody>
</table>

HEAVY DUTY ARD STYLE
- Clear PVC
- Flexible yet sturdy
- Excellent for commercial work

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1362</td>
<td>8&quot; x 25'</td>
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</tr>
<tr>
<td>#1363</td>
<td>10&quot; x 25'</td>
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</tr>
<tr>
<td>#1364</td>
<td>12&quot; x 25'</td>
<td></td>
</tr>
<tr>
<td>#1365</td>
<td>14&quot; x 25'</td>
<td></td>
</tr>
</tbody>
</table>

NEW! COLLAPSEABLE!!

TRUCK MOUNT HOSE
- For use on High Pressure Truck Mount Vacuum Units
- Extra tough
- Wear strip will not delaminate

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1372</td>
<td>8&quot; x 25'</td>
<td></td>
</tr>
<tr>
<td>#1373</td>
<td>10&quot; x 25'</td>
<td></td>
</tr>
<tr>
<td>#1374</td>
<td>12&quot; x 25'</td>
<td></td>
</tr>
</tbody>
</table>

FLEX CONNECTORS

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1400</td>
<td>14&quot; Y Connector</td>
<td></td>
</tr>
<tr>
<td>#1407</td>
<td>12&quot; Y Connector</td>
<td></td>
</tr>
<tr>
<td>#1401</td>
<td>Reducing Collar 14&quot; - 12&quot;</td>
<td></td>
</tr>
<tr>
<td>#1403</td>
<td>Reducing Collar 12&quot; - 10&quot;</td>
<td></td>
</tr>
<tr>
<td>#1404</td>
<td>Reducing Collar 12&quot; - 8&quot;</td>
<td></td>
</tr>
<tr>
<td>#1406</td>
<td>Reducing Collar 14&quot; - 8&quot; - 8&quot;</td>
<td></td>
</tr>
<tr>
<td>#1414</td>
<td>Fast Lock Collar Strap</td>
<td></td>
</tr>
<tr>
<td>#1421</td>
<td>Duct Attachment 8&quot;</td>
<td></td>
</tr>
<tr>
<td>#1422</td>
<td>Duct Attachment 10&quot;</td>
<td></td>
</tr>
<tr>
<td>#1423</td>
<td>Duct Attachment 12&quot;</td>
<td></td>
</tr>
<tr>
<td>#1424</td>
<td>Duct Attachment 14&quot;</td>
<td></td>
</tr>
<tr>
<td>#1434</td>
<td>Flex Connector 8&quot;</td>
<td></td>
</tr>
<tr>
<td>#1435</td>
<td>Flex Connector 10&quot;</td>
<td></td>
</tr>
<tr>
<td>#1437</td>
<td>Flex Connector 12&quot;</td>
<td></td>
</tr>
<tr>
<td>#1438</td>
<td>Flex Connector 14&quot;</td>
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</tr>
</tbody>
</table>

TAPES

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1908</td>
<td>Commercial grade silver duct tape 2&quot; x 60 yds</td>
<td></td>
</tr>
<tr>
<td>#1909</td>
<td>Aluminized fiber reinforced metal tape 3&quot; x 60 yds</td>
<td></td>
</tr>
<tr>
<td>#1910</td>
<td>UL listed metal foil tape 2&quot; x 60 yds</td>
<td></td>
</tr>
</tbody>
</table>
High Volume Air Sampling Pump

High volume sampling pump 0-20Lpm used for air sampling with Air-O-Cell and NADCA test. To Perform NADCA Test, you will need to purchase:
- High Volume Air Sampling Pump
- 37mm Matched Weight Cassettes
- NADCA Template

Hand Held Particle Counter

Model #HHPC-2 Part #3010

The portable, 2-channel Hand Held Airborne Particle Counter (HHPC-2), with download software and personal computer interface, affords the cost-conscious customer with an economical alternative while still getting an accurate and reliable instrument to count particles in air. The palm-size HHPC-2 is ideal for monitoring pharmaceutical and electronic manufacturing environments, as well as testing indoor quality and industrial monitoring.

Hand Held Particle Counter

Model #HHPC-6 Part #3011

The Handheld Particle Counter Six (HHPC-6) simultaneously displays six channels of particle size distribution. The HHPC-6 hold 500 samples (2,000 with option EX) in data memory and records date, time, counts, sample volume, temperature and R/H. Data is easily downloaded to a computer or printer using the included RS-232/RS-485 interface cable and utility software. With value packed features and excellent reliability, it is easy to see why the HHPC-6 is a winner among professionals who monitor and verify clean rooms, test filters and track down particle source problems. The intelligent design and overall utility of the HHPC-6 is invaluable for IAQ investigations, making workplace environments safer and healthier.

IR HYGROTEMP 24

Digital Psychrometer and Infrared Thermometer

Part #2103

Five measurements in one tool! Monitor wet bulb, dew point, humidity, ambient and non-contact IR temperature in offices, factories, clean rooms, residences and greenhouses. Excellent tool for mold inspections and remediation work. InfraRed surface temperature measurements in hard to reach areas such as heating and air conditioning ducts. Include cable and interface software CD for downloading data.

Digital Manometer

Part #DC 2000

Five instruments in one! Multi-purpose meter for pressure, velocity, leakage, temperature and humidity plus it's a data logger. Use for long and short term logging of temperature, humidity and pressure. Troubleshoot and balance HVAC systems using this quick, accurate and wide range manometer.
HEPA FILTERED AIR SCRUBBERS-
NEGATIVE AIR UNITS

Three sizes to fit most any need. Aluminum construction and three stage filtration, including HEPA filter, make these 2-speed units the standard in the industry!!

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PART #</th>
<th>PREFILTERS</th>
<th>SECONDARY/ RING PANEL</th>
<th>HEPA</th>
<th>INTAKE ADAPTER</th>
<th>CARBON FILTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 000</td>
<td>#1013</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>18'H, 18&quot;W, 33&quot;L</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>75 lbs 1004</td>
<td></td>
<td>#1254</td>
<td>#1276</td>
<td>#1251 Pleated</td>
</tr>
<tr>
<td></td>
<td></td>
<td>600/400 cfm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 speed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAC 1800</td>
<td>#1019</td>
<td>#1252</td>
<td>#1254</td>
<td>#1276</td>
<td>#1244</td>
<td>#133 Ring panel</td>
</tr>
<tr>
<td></td>
<td></td>
<td>32'H, 20.5&quot;W, 37&quot;L</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>130 lbs</td>
<td></td>
<td>#1331</td>
<td>#1332</td>
<td>#1333 Ring panel</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1620/800 cfm</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>2 speed</td>
<td></td>
<td>#1274</td>
<td>#1280</td>
<td>#1265 Ring panel</td>
</tr>
<tr>
<td>MAC 600</td>
<td>#1013</td>
<td>#1283</td>
<td>#1285</td>
<td></td>
<td>#1276</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>18&quot;H, 18&quot;W, 33&quot;L</td>
<td>Bag filter #1285</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>75 lbs 1004</td>
<td></td>
<td>#1280</td>
<td>#1249</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>600/400 cfm</td>
<td></td>
<td></td>
<td>#1339</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>2 speed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Maximum room size for air scrubbing: (based on 7 air changes/hr; 8' ceiling height)

<table>
<thead>
<tr>
<th>MODEL</th>
<th>High speed</th>
<th>Low speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2000</td>
<td>1928 sq. ft.</td>
<td>1071 sq. ft.</td>
</tr>
<tr>
<td>MAC 1800</td>
<td>1735 sq. ft.</td>
<td>868 sq. ft.</td>
</tr>
<tr>
<td>MAC 600</td>
<td>643 sq. ft.</td>
<td>428 sq. ft.</td>
</tr>
</tbody>
</table>

FILTERS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PART #</th>
<th>PREFILTERS</th>
<th>SECONDARY/ RING PANEL</th>
<th>HEPA</th>
<th>INTAKE ADAPTER</th>
<th>CARBON FILTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2000</td>
<td>#1004</td>
<td>#1252</td>
<td>#1254</td>
<td>#1276</td>
<td>#1244</td>
<td>#1261 Pleated</td>
</tr>
<tr>
<td></td>
<td></td>
<td>18&quot;H, 18&quot;W, 33&quot;L</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAC 1800</td>
<td>#1019</td>
<td>#1300</td>
<td>#1331</td>
<td>#1332</td>
<td>#1249</td>
<td>#1333 Ring panel</td>
</tr>
<tr>
<td></td>
<td></td>
<td>32&quot;H, 20.5&quot;W, 37&quot;L</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAC 600</td>
<td>#1013</td>
<td>#1283</td>
<td>#1285</td>
<td>#1276</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>18&quot;H, 18&quot;W, 33&quot;L</td>
<td>Bag filter #1285</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAC 2500HD</td>
<td>#1002</td>
<td>#1281</td>
<td>Bag filter #1285</td>
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</tr>
<tr>
<td>MAC 3100</td>
<td>#1012</td>
<td>#1300</td>
<td>#1254</td>
<td>#1301</td>
<td></td>
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<tr>
<td>MAC 3000</td>
<td>#1040</td>
<td>#1281</td>
<td>Bag filter #1292</td>
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<tr>
<td>MAC 3100</td>
<td>#1040</td>
<td>#1300</td>
<td>#1320</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>MAC 3100</td>
<td>#1040</td>
<td>#1281</td>
<td>Bag filter #1285</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>MAC 3000</td>
<td>#1040</td>
<td>#1281</td>
<td>#1292</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAC 3100</td>
<td>#1040</td>
<td>#1300</td>
<td>#1320</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

REMOTE RELIEF UNIT PART #1028

Maximum Odor Removal

Coupled to the MAC 2000 each RRU provides over 70 lbs of Activated Carbon for maximum odor removal performance. Remote units can be placed in hard-to-reach areas and assure total air scrubbing action. Each RRU carbon filter rated for over 1000 cubic feet per minute!

HEALTHMATE™ PART #2160 SR. PART #2165 JR.

Residential Duct Cleaners Can Sell These Units for Additional Profits!!!

DRUM FILTER:
- 80 square feet HEPA filter media (Sr.) - 30 square feet (Jr.)
- 15 lbs mixture of solid activated carbon and Zeolite (Sr.) - (6.5 lbs. Jr.)
- Meets HEPA standards of trapping 99.97% of all particles larger than 0.3 microns
- Total weight 45 lbs (Sr.) - 18 lbs (Jr.)

PERMAFILT® PREFILTER
- Traps large dust particles
- Effectively filters a room 150-1500 square feet in area

FAN/MOTOR ASSEMBLY
- 400cfm max (Sr.) - 200cfm max (Jr.)
- 3-speed, 22 gauge steel construction
- Power rating: 1.1 amps, 120 volts, 60 Hz

COLORS: white, black, sandstone

WARRANTY: Five years on all parts and labor.

Sr. - 14.5" x 14.5" x 23" height
Jr. - 11" x 11" x 16.5" height
CALL US TODAY FOR INFORMATION ON TRAINING PROGRAMS FOR:

IAQA – Certified Mold Remediators (CMR) Certification Courses

ASCR – Certified Residential & Commercial HVAC Cleaning Technician Courses

On-The-Job Site Training for HVAC Cleaning

Water Intrusion Awareness Training & Management Services for Home Builders

Indoor Air Quality Awareness Programs

Mold Response Team Training

O & M Planning for Water Intrusion in Multi-Family Housing

IAQ TESTING SERVICES

- Comprehensive IAQ Investigations
- Comprehensive Building Commissioning
- Litigation Support Services
- Asbestos Testing / Surveys
- HVAC Video / Inspection Services
- Project Management for HVAC Cleaning

Indoor Environmental Solutions, Inc.

1440 Brittmoore Rd. • Houston, TX 77043
800.288.3828 • 713.266.1129 • fax: 713.266.1586
www.cleanducts.com • e-mail: airducts@aol.com