



June 10, 2005

File No. 05-427

Christopher Alonge, P.E.
NYS Department of Labor
Engineering Services Unit
State Campus Bldg. 12, Room 154
Albany, NY 12240

**Subject: Variance Reopening (2) for Walker Duct and Raceway Cleaning Protocols
Regarding File No. 05-0427; 130 Liberty Street, New York, NY**

Dear Mr. Alonge,

We respectfully submit for consideration the additional information regarding the referenced File No. for this project. Please note the following protocol replaces the procedure submitted previously with the original submission:

Cleaning, Visual Inspection and Clearance of Walker Ducts and Raceways

It is the intent of this work to clean and remove all dirt, dust and debris from the raceway and walker ducts in the floor cabling system. If after video inspection and/or testing, it is determined that areas have not been thoroughly cleaned, those areas shall be re-cleaned by the contractor. Third party inspections will be conducted by the Owner's representative. This work will be done during the Asbestos Abatement Project under negative pressure.

1. Work to be performed will include the following:

- Removal of raceway/duct access plates, as necessary.
- Removal of all wires and cables from the ducts/raceways.
- Isolation of ducts, as required, to prevent cross contamination.
- Cleaning of all East to West Raceways (approx 2" x 6") on all floors.
- Cleaning of all Walker Ducts (1" x 4") on all floors.
- Cleaning of all terminal drops to floor ducts which are part of the systems.
- Removal of all dirt, dust, lint, etc., caused by cleaning process in areas affected by cleaning process.
- Representative photographs will be taken after cleaning.

2. Cleaning, Visual Inspection and Clearance Air Sampling will be performed as follows:

- Cleaning will be performed in accordance with the National Air Duct Cleaners Association Standards (NADCA) ACR 2005. All access will be through existing 6" floor openings.
- Negative air machine shall be attached to the duct system to obtain approximately 2,500 linear feet per minute of air movement across the active duct work space.
- All areas will be air washed using Scand Tech USA High Volume Nozzles or equivalent.
- Air washing will be done using high volume, medium pressure Scand Tech USA Tornado Nozzles, or equivalent (see attached for example equipment). Maximum air pressure at nozzles should not exceed 125 psi with a minimum volume of 80 cubic feet per minute (CFM). Air movement must be of sufficient volume to prevent any cross contamination.

- High volume Tornado Nozzles will be used to move contaminants to the collectors. Use of tube style air whips will not be allowed unless they are capable of dispensing a minimum of 80 CFM of discharge air.
- Air Compressors will be Kaeser ASD 30 or equivalent. Air compressors must generate a minimum of 130 CFM at 125 PSI. Air compressors will use "Y Delta" connections to reduce start up amperage.
- HEPA Air Scrubbers up to 2000 CFM will be used for make up air entering the duct systems.
- Dislodged contaminants will be collected in a HEPA filtration system. All dirt, duct, lint and other accumulations will be removed by approved, HEPA filtered negative air machines (NADCA ACR 2002, 5.3.3) capable of removing a minimum of 4000 CFM of air from the duct system during the cleaning process.
- Following initial air washing, a visual inspection of the cleaned duct area will be performed. As the cleaning work progresses and prior to duct access plate closure, the cleaned duct work area shall be inspected.
- Video inspection equipment will be used to inspect cleaned duct areas (see attached example equipment). The camera lens will be capable of focusing to 1" from surfaces. Inspection equipment will be capable of inspecting ducts of a minimum 1" x 4" dimension up to an approximate distance of 20 meters from one access port.
- All inspected areas will be identified and recorded on VHS format.
- If debris is still observed during the visual inspection, brushing may be required. If necessary, a variety of brushes and mechanical agitators may be used to dislodge contaminants. If brushing is required, brush cables must be capable of reaching up to 30 meters from one opening. Brushes must be sized specifically for each duct size; Scand Tech USA brushes or equivalent. If brushing is required, whip brushes must be used on all square or rectangular ducts.
- Upon successful completion of the visual inspection, aggressive air sampling within the work area shall be performed as described in Variance Decision File No. 05-0427. Prior to commencement of this clearance air sampling, all Walker Duct/Raceway floor opening access ports shall be opened to the work area and leaf blower directed into access port openings.

If you have any questions please feel free to contact us at (212) 221-7822.

Sincerely,



Arnel Javal
Senior Project Manager

Attachments

cc: Amy Peterson - LMDC
Edward Gerdts - TRC
Vincent Lander – QuES&T

June 8, 2005

Vincent M Coluccio, DrPH
TRC
177 Upper Samsonville Road
Olivebridge, New York 12361

RE: 130 Liberty Street, NYC BASIC EQUIPMENT NEEDS for 1 set Approx.\$

The following is a basic equipment list for the specialty requirements. There would be additional small tools and equipment need that most contractors would already have. The only printed Camera price list we have is from 2001. All pricing in our computer is approximately 20% higher. HEPA Equipped Collection units (we do not sell them) very greatly from manufactures. Rental Air Center, Inc. provide the compressors on other Ground Zero projects and are familiar with the requirements.

SCAND TECH LLC

| | |
|---|---------------------------|
| 1" Camera, Push Shaft, Reel, Monitor, Charger | \$4,200 to \$5,500 |
| ½ Tornado Cleaning Kit 101.012 | \$ 800 to \$1,200 |
| ¾ inch hose/Chicago fittings \$75. each 50 feet x 4 | \$ 300 |
| 2 Rotating Cleaning Cables 12 meter & 20 m | \$ 800 |
| Misc. Brushes | \$ 100 |
| | \$6,200 to \$7,900 |

VACUUM COLLECTION UNITS Three stage HEPA Equipped
Abatement, Air Care, Meyers Machine, Nikro Industries

Examples

| | |
|--------------------|---------|
| HEPA AIRE 2500 cfm | \$7,500 |
| HEPA AIRE 4500 cfm | \$9,500 |

ELECTRIC AIR COMPRESSORS 100 to 200 cfms 220volt to 480 volt
Rentals Air Center, Inc 908-276-1992

AIR SCRUBBERS HEPA EQUIPPED 2000cfm
Rental or New \$2000

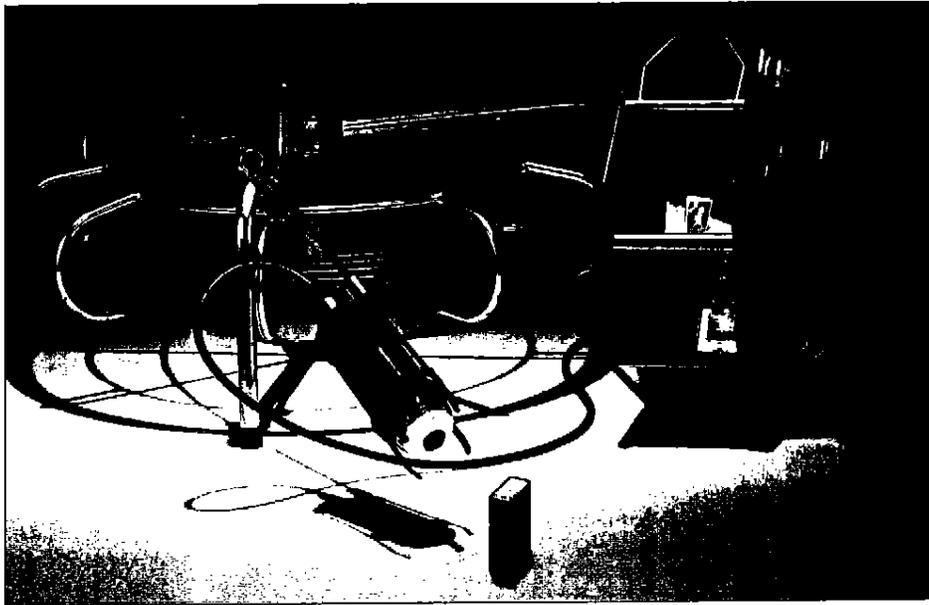


SCAND TECH USA, LLC ®

PRICE LIST

Scand Tech, USA, L.L.C.
P. O. Box 265 440 John Fitch Blvd South Windsor, CT 06074 USA
Phone 800-587-3980 Fax 800-587-3979 E-Mail: scanduct@aol.com

INSPECTION EQUIPMENT



Inspection Camera, 2 inches (49 mm)

Item No.501.001 This small size Inspection Camera is very versatile for vertical as well as horizontal ventilation ducts. The unit is equipped with a high-definition, black-and-white camera module with automatic aperture setting and super wide-angle lens. Focus control can be made from a distance of 0.4" (10 mm). The camera head is activated by a joystick and the movements are directly synchronized. Endless rotation of camera head as well as turning from 0 to 90 degrees. The control unit is equipped with a flat monitor in a solid plastic casing, remote control (joystick) and a cable reel for 65 ft (20 m) cable.

Technical Data: Camera Unit.

Camera: High-definition CCD b/w camera module with automatic aperture setting.
Super wide-angle lens 0.1" (2.5 mm).
Photosensitivity: 0.5 lux.

Diameter: Camera head = 2 inches (49 mm).
Length: Camera head = 5 inches (134 mm).
Range of rotation: Endless left - right.
Range of turning: 0 - 90 degrees vertical to horizontal position.
Weight: 0.6 lb (280 g).
Illumination: Nine subminiature lamps, 8.4 W totally.

Technical Data: Control Unit.

Monitor display: Flat monitor, 3" x 2" (81 mm x 59 mm).
Panel: Flip switch, joystick, adjustment for contrast and brightness, LCD-Voltage indicator, VCR-connection.
Cable: Cable reel with special cable, 65 ft (20 m) with metric scale.
Weight: 10 lbs (4.7 kg).
Power supply: Battery operated 12V - maintenance-free, long life accumulator. Automatic charger. Operation time depending on camera head = 60 - 20 min.
Case: Black plastic casing with carrier belt.

Accessories: Watertight camera, diameter less than 1 inch (22 mm), with fixed head and with 10 ft (3 m), 16 ft (5 m), 33 ft (10 m) or 49 ft (15 m) push-shaft.
Charging-cable for cigarettelighter outlet in cars, 12 V.



SCAND TECH

MEMBER OF
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VentilationsRengörare

MEMBER OF
NADCA
NATIONAL AIR DUCT CLEANERS ASSOCIATION

KUMMERT

Chimney Inspection

Pricelist valide at March 2001

Bernhard Kummert Videoinspektionssysteme - D-97447 Gerolzhofen, Albert-Einstein-Str. 8

↓
+20%**FOR 2005**

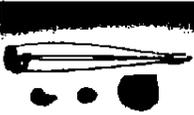
| Article-No. | Picture | Article | Price |
|---------------------------------|---|--|----------|
| Analog Basic Instruments | | | |
| 4352 |  | Colour Mini Hand Instrument without cable, 12poles, incl. charge station and exchange accu | 1.595,00 |
| 3588 |  | Mini Hand Instrument without cable, 12poles, incl. charge station and exchange accu | 1.095,00 |
| 1385 |  | Portable Instrument with fixed cable reel, 20 m cable | 1.449,00 |
| 1388 |  | Portable Instrument with fixed cable reel, 30 m cable (12poles) and charge device | 1.549,00 |
| 1776 |  | Multi Inspection Device, with LCD Colour monitor, VHS-video recorder and rotatable cable reel with 20 m cable, 12poles | 4.495,00 |
| 4283 |  | Colour Portable Instrument with rotatable reel, 20 m cable (12poles) and charge device | 2.450,00 |
| 1386 |  | Portable Instrument with rotatable reel, 20 m cable (12poles) and charge device | 1.895,00 |
| 1389 |  | Portable Instrument with rotatable reel, 30 m cable (12poles) and charge device | 1.995,00 |

Bernhard Kummert Videoinspektionssysteme - D-97447 Gerolzhofen, Albert-Einstein-Str. 8

+20%

| Article-No. | Picture | Article | Price |
|---------------------|---|--|----------|
| Camera heads | | | |
| 4015 |  | Colour Glass Cupola Camera, 12poles, swing range 180°, rotating range 360°, diameter 51 mm | 1.590,00 |
| 3874 |  | SK-22 Black/White Miniature Spring Camera 6poles diameter 22 mm | 985,00 |
| 3867 |  | CSK-35 Colour Camera, 6poles, waterproof, diameter 35 mm | 1.265,00 |

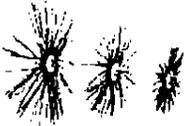
Attachment camera heads

| | | | |
|------|---|--|--------|
| 1522 |  | Reel Connection for art.-no. 1391/4258 | 185,00 |
| 1544 |  | Centring Spring for art.-no. 1391/4258, ajustable - for the variable centering of die Rotating Globe Shape Camera for the inspection from top to bottom inside of the chimney | 159,00 |
| 1558 |  | Centring Carriage for art.-no. 1391/4258 | 249,00 |
| 4001 |  | Reel Connection for art.-no. 2594/4015 | 248,00 |
| 3839 |  | Spring Guide for art.-no. 2594/4015 | 71,50 |
| 4193 |  | Removable protected cover for art. no. 3874 | 85,00 |
| 4105 |  | Socket clip for Centring Carriage for art. no. 3874 Miniature spring Camera | 45,00 |
| 4202 |  | Basic connection | 197,00 |

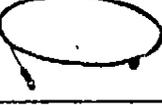
All Prices are excluded V.A.T., postage and packing. Subject to alteration.
All preceding Prices are invalide.

Bernhard Kummert Videoinspektionssysteme - D-97447 Gerolzhofen, Albert-Einstein-Str. 8

+2070

| Article-No. | Picture | Article | Price |
|--------------------------------|---|--|--------|
| Attachment camera heads | | | |
| 4262 |  | Centring carriage for system 2000 | 168,00 |
| 4478 |  | Centring Brush Set, 3 Leinstars of Nylon, 200 mm, 300 mm, 400 mm, hole 28 mm | 57,00 |
| 4184 |  | Connection Spring, 14 cm, 6poles, flexible connection between camera head CSK-35 and GFK rod | 187,00 |

Accessories for pushing camera heads

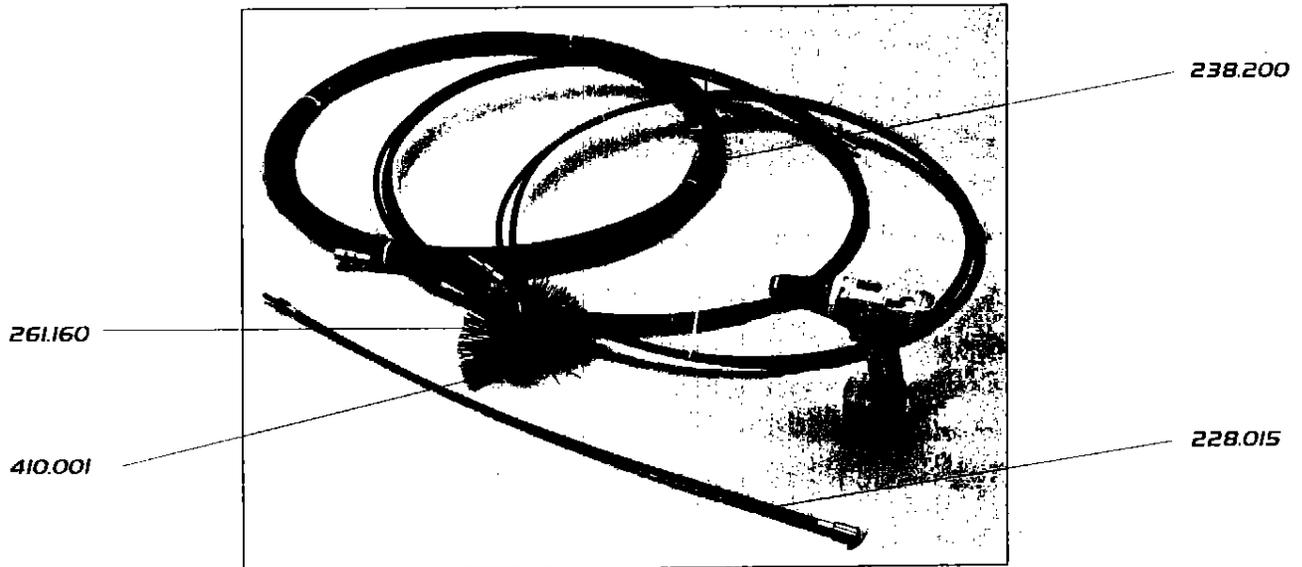
| | | | |
|------|---|--|--------|
| 3923 |  | Camera rod 3m, 6mm, 1*6poles, 1*12poles | 270,00 |
| 3922 |  | Camera rod 5m, 6mm, 1*6poles, 1*12poles | 320,00 |
| 4033 |  | Camera rod 10m, 6mm, 1*6poles, 1*12poles | 370,00 |
| 1571 |  | Camera rod 3m, 6mm, 2*12poles | 270,00 |
| 1569 |  | Camera rod 5m, 6mm, 2*12poles | 320,00 |
| 1557 |  | Camera rod 10m, 6mm, 2*12poles | 370,00 |

Camera reel

| | | | |
|------|---|--|--------|
| 4337 |  | Mini reel 12poles, zinc-plated, 20 m, rod 4,5 mm | 745,00 |
| 4336 |  | Large reel zinc-plated, 12poles, 20 m, rod 6 mm | 895,00 |

All Prices are excluded V.A.T., postage and packing. Subject to alteration.
 All preceding Prices are invalide

MECHANICAL CLEANING



Rotating Cleaning Cable

Item Nos. 228.010 - 238.300

The Rotating Cleaning Cables are connected to a battery - powered drill, up to 33 ft (10 m), or to the Brush Machine, 33 ft (10 m) and up. The inner wire is made from hardened steel and inspected using laser. The outer casing has a diameter of 0.4 inch/10mm.

* **Item Nos. 228.010- 228.100** Cleaning Cable, with 0.11" (2.8 mm) inner wire recommended for duct sizes of 3" - 6" (80 mm - 160 mm) with numerous bends. Available in standard lengths from 3 ft - 30 ft (1m - 10 m). Any preferred length available on special request. Marked with yellow tape at the stop nipple.

Item Nos. 232.010- 232.120 Cleaning Cable, with 0.13" (3.2 mm) inner wire recommended for duct sizes of 4" - 12" (100 mm - 300 mm) with some bends. Available in standard lengths from 3 ft - 40 ft (1 m - 12 m). Any preferred length available on special request. Marked with blue tape at the stop nipple.

Item Nos. 238.050- 238.300 Cleaning Cable, with 0.15" (3.8 mm) inner wire recommended for duct sizes of 6" - 24" (160 mm - 600 mm) with few bends. Available in standard lengths from 16 ft - 98 ft (5 m - 30 m). Any preferred length available on special request. Marked with red tape at the stop nipple.

Item No. 238.200 Cleaning cable with 0.15" (3.8 mm) inner wire and a length of 66 feet (20 m).

Item No. 228.015 Cleaning cable with 0.11" (2.8 mm) inner wire and a length of 5 feet (1.5 m).

Item No. 261.160 6" (160 mm) brush for circular ducts - see separate product leaflet.

Item No. 410.001 Brush Ball - see separate product leaflet.



SCAND TECH

SCANDTECH, USA

Phone: 1-800-587-3980

Fax: 1-800-587-3979

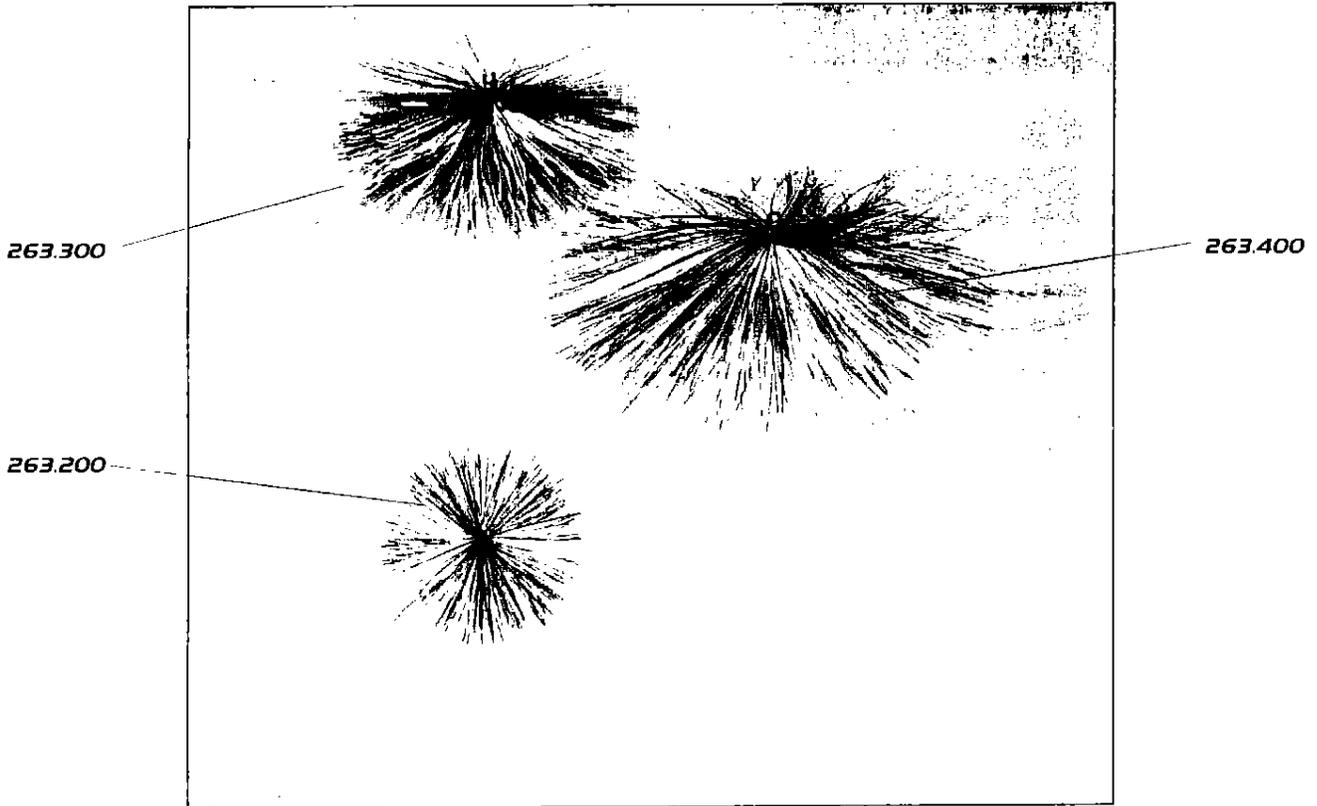
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MECHANICAL CLEANING



Soft and hard Nylon Whip Brushes

Item Nos 263.200 - 263.600 Brushes made of hard red/white nylon bristles, and 8" (200 mm) extended soft white nylon bristles. The brushes are designed for use in square and rectangular ducts. The soft white nylon bristles remove dirt from corners. The Brushes are available in sizes from 8"-24" (200 mm-600 mm).

2" 1/2 3" AVAILABLE



SCAND TECH

SCANDTECH, USA

Phone: 1-800-587-3980

Fax: 1-800-587-3979

E-Mail Address:

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MEMBER OF
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NATIONAL AIR DUCT CLEANERS ASSOCIATION

COMPRESSED AIR CLEANING**Rotating Nozzles**

| | | |
|---------|--|-------|
| 100.012 | Rotating Brush Nozzle Cleaning Kit, 1/2 inch (12 mm) with an 80 ft (25 m) hose on a reel, shut-off valve and claw coupling. 12 different brushes made of nylon and steel. IMPROVED! | 2.695 |
| 100.020 | Rotating Brush Nozzle Cleaning Kit, 3/4 inch (20 mm) with an 80 ft (25 m) hose on a reel, shut-off valve and claw coupling. 12 different brushes made of nylon and steel. IMPROVED! | 3.495 |
| 100.025 | Rotating Whipstream Nozzle Cleaning Kit, 1 inch (25 mm) with an 80 ft (25 m) hose, shut-off valve and claw coupling. IMPROVED! | 2.995 |

Tornado Nozzles

| | | |
|---------|--|-------|
| 101.012 | Tornado Nozzle Cleaning Kit, 1/2 inch (12 mm) with a 98 ft (30 m) hose on a reel, shut-off valve and claw coupling. 4 hard plastic jet nozzles with variable spreading angles for different duct sizes. 1 aluminium jet nozzle for ducts made of concrete. | 1.195 |
|---------|--|-------|

| | | |
|---------|--|-------|
| 101.016 | Tornado Nozzle Cleaning Kit, 2/3 inch (16 mm) with a 98 ft (30 m) hose on a reel, shut-off valve and claw coupling. 4 hard plastic jet nozzles with variable spreading angles for different duct sizes. 1 aluminium jet nozzle for ducts made of concrete. | 1.395 |
| 101.025 | Tornado Nozzle Cleaning Kit, 1 inch (25 mm) with an 80 ft (25 m) hose, shut-off valve and claw coupling. 1 hard plastic jet nozzle for sheet metal ducts and 1 aluminium jet nozzle for ducts made of concrete. | 995 |

Cleaning Hoses

| | | |
|---------|--|-----|
| 102.012 | Light-weight cleaning hose, 1/2 inch/80 ft (12 mm/25 m). | 259 |
| 102.112 | Cleaning Hose, 1/2 inch / 98 ft (12 mm / 30 m). | 289 |
| 102.116 | Cleaning Hose, 2/3 inch / 98 ft (16 mm / 30 m). | 510 |
| 102.120 | Cleaning Hose, 3/4 inch / 80 ft (20 mm / 25 m). | 917 |
| 102.125 | Cleaning Hose, 1 inch / 82 ft (25 mm / 25 m). | 487 |

Feeding Hoses

| | | |
|---------|---|-----|
| 103.010 | Feeding Hose 0.4 inch/98 ft (10 mm/30 m) with claw coupling and quick coupling. | 160 |
| 103.020 | Feeding hose (Mantex) 1 inch/65 ft (25 mm/20 m) with 2 claw couplings. | 255 |
| 103.060 | Feeding hose (Mantex) 1 inch/197 ft (25 mm/60 m) with 2 claw couplings. | 708 |

*** DELETE REEL ! EXTRA TETS - 400.00**

Scand Tech, USA, L.L.C.

P. O. Box 265 440 John Fitch Blvd South Windsor, CT 06074 USA
Phone 800-587-3980 Fax 800-587-3979 E-Mail: scanduct@aol.com

MECHANICAL CLEANING

Powerful Brush Machines

| | | |
|---------|--|-------|
| 210.670 | Brush Machine, 110 V, Single-phase, 740 rpm. | 2 695 |
| 220.670 | Brush Machine, 220 V, Single-phase, 740 rpm. | 2 695 |

Soft and flexible cleaning cable, 0.11 inch (2.8 mm) for duct sizes from 3"-6" (80 - 160 mm).

| | | |
|---------|-------------------------------|-----|
| 228.010 | Cleaning Cable, 3ft (1 m). | 103 |
| 228.015 | Cleaning Cable, 5ft (1.5 m). | 139 |
| 228.030 | Cleaning Cable, 10 ft (3 m). | 160 |
| 228.050 | Cleaning Cable, 16 ft (5 m). | 187 |
| 228.070 | Cleaning Cable, 23 ft (7 m). | 229 |
| 228.100 | Cleaning Cable, 33 ft (10 m). | 296 |

Medium and flexible cleaning cable, 0.13 inch (3.2 mm) for duct sizes from 4"-12" (100 - 300 mm).

| | | |
|---------|-------------------------------|-----|
| 232.010 | Cleaning Cable, 3 ft (1 m). | 103 |
| 232.015 | Cleaning Cable, 5 ft (1.5 m). | 139 |
| 232.030 | Cleaning Cable, 10 ft (3 m). | 160 |
| 232.050 | Cleaning Cable, 16 ft (5 m). | 187 |
| 232.070 | Cleaning Cable, 23 ft (7 m). | 229 |
| 232.100 | Cleaning Cable, 33 ft (10 m). | 296 |
| 232.120 | Cleaning Cable, 39 ft (12 m). | 339 |

Hard and flexible cleaning cable, 0.15 inch (3.8 mm) for duct sizes from 6"-24" (160 - 600 mm).

| | | |
|---------|-------------------------------|-----|
| 238.050 | Cleaning Cable, 16 ft (5 m). | 187 |
| 238.070 | Cleaning Cable, 23 ft (7 m). | 229 |
| 238.100 | Cleaning Cable, 33 ft (10 m). | 296 |
| 238.120 | Cleaning Cable, 39 ft (12 m). | 339 |
| 238.150 | Cleaning Cable, 49 ft (15 m). | 405 |
| 238.200 | Cleaning Cable, 66 ft (20 m). | 458 |
| 238.250 | Cleaning Cable, 82 ft (25 m). | 544 |
| 238.300 | Cleaning Cable, 98 ft (30 m). | 608 |

Hard and flexible cleaning cable with jetstream-function. Suitable for rectangular ducts 10"-28" (250 mm-700 mm)

| | | |
|---------|--|-------|
| 250.150 | Rotating JetStreamCable, 49 ft (15 m). | 799 |
| 250.200 | Rotating JetStreamCable, 65 ft (20 m). | 899 |
| 250.250 | Rotating JetStreamCable, 82 ft (25 m). | 999 |
| 250.300 | Rotating JetStreamCable, 98 ft (30 m). | 1 099 |

Brushes for normal pollution in circular ducts

| | | |
|---------|----------------------------------|----|
| 261.100 | Nylon Brush, 4 inches (100 mm). | 18 |
| 261.125 | Nylon Brush, 5 inches (125 mm). | 20 |
| 261.160 | Nylon Brush, 6 inches (160 mm). | 22 |
| 261.200 | Nylon Brush, 8 inches (200 mm). | 24 |
| 261.250 | Nylon Brush, 10 inches (250 mm). | 26 |
| 261.315 | Nylon Brush, 12 inches (315 mm). | 29 |
| 261.400 | Nylon Brush, 16 inches (400 mm). | 34 |
| 261.500 | Nylon Brush, 20 inches (500 mm). | 48 |
| 261.600 | Nylon Brush, 24 inches (600 mm). | 54 |
| 261.700 | Nylon Brush, 28 inches (700 mm). | 61 |
| 261.800 | Nylon Brush, 32 inches (800 mm). | 65 |

Scand Tech, USA, L.L.C.

P. O. Box 265 440 John Fitch Blvd South Windsor, CT 06074 USA
Phone 800-587-3980 Fax 800-587-3979 E-Mail: scanduct@aol.com

Item no.

Description

| Item no. | Description | Price USD |
|----------|--|-----------|
| | Brushes for severe pollution in circular ducts | |
| 262.100 | Nylon Brush reinforced with steel, 4 inches (100 mm). | 18 |
| 262.125 | Nylon Brush reinforced with steel, 5 inches (125 mm). | 20 |
| 262.160 | Nylon Brush reinforced with steel, 6 inches (160 mm). | 22 |
| 262.200 | Nylon Brush reinforced with steel, 8 inches (200 mm). | 24 |
| 262.250 | Nylon Brush reinforced with steel, 10 inches (250 mm). | 27 |
| 262.315 | Nylon Brush reinforced with steel, 12 inches (315 mm). | 29 |
| 262.400 | Nylon Brush reinforced with steel, 16 inches (400 mm). | 34 |
| 262.500 | Nylon Brush reinforced with steel, 20 inches (500 mm). | 48 |
| 262.600 | Nylon Brush reinforced with steel, 24 inches (600 mm). | 54 |
| 262.700 | Nylon Brush reinforced with steel, 28 inches (700 mm). | 61 |
| 262.800 | Nylon Brush reinforced with steel, 32 inches (800 mm). | 65 |

Brushes for normal pollution in rectangular ducts (Whip Brushes)

→ **263.015**

| | | |
|---------|---|----|
| 263.200 | Soft and hard Nylon Whip Brush, 8 inches + 8 inches (200 mm + 200 mm). | 27 |
| 263.300 | Soft and hard Nylon Whip Brush, 12 inches + 8 inches (300 mm + 200 mm). | 31 |
| 263.400 | Soft and hard Nylon Whip Brush, 16 inches + 8 inches (400 mm + 200 mm). | 37 |
| 263.500 | Soft and hard Nylon Whip Brush, 20 inches + 8 inches (500 mm + 200 mm). | 52 |
| 263.600 | Soft and hard Nylon Whip Brush, 24 inches + 8 inches (600 mm + 200 mm). | 60 |

Brushes for internally insulated ducts

| | | |
|-----------|---|----|
| → 264.085 | Soft Polythene Brush, 3 inches (85 mm). | 16 |
| 264.100 | Soft Polythene Brush, 4 inches (100 mm). | 18 |
| 264.125 | Soft Polythene Brush, 5 inches (125 mm). | 20 |
| 264.160 | Soft Polythene Brush, 6 inches (160 mm). | 22 |
| 264.200 | Soft Polythene Brush, 8 inches (200 mm). | 27 |
| 264.250 | Soft Polythene Brush, 10 inches (250 mm). | 29 |
| 264.315 | Soft Polythene Brush, 12 inches (315 mm). | 31 |
| 264.400 | Soft Polythene Brush, 16 inches (400 mm). | 34 |
| 264.500 | Soft Polythene Brush, 20 inches (500 mm). | 48 |
| 264.630 | Soft Polythene Brush, 25 inches (630 mm). | 54 |

Brushes for severely polluted ducts, for example kitchen ducts

| | | |
|---------|----------------------------------|----|
| 265.085 | Steel brush, 3 inches (85 mm). | 16 |
| 265.110 | Steel brush, 4 inches (110 mm). | 18 |
| 265.140 | Steel brush, 6 inches (140 mm). | 20 |
| 265.170 | Steel brush, 7 inches (170 mm). | 22 |
| 265.230 | Steel brush, 9 inches (230 mm). | 27 |
| 265.290 | Steel brush, 11 inches (290 mm). | 29 |
| 265.350 | Steel brush, 14 inches (350 mm). | 31 |
| 265.425 | Steel brush, 17 inches (425 mm). | 34 |
| 265.525 | Steel brush, 21 inches (525 mm). | 48 |
| 265.625 | Steel brush, 25 inches (625 mm). | 54 |

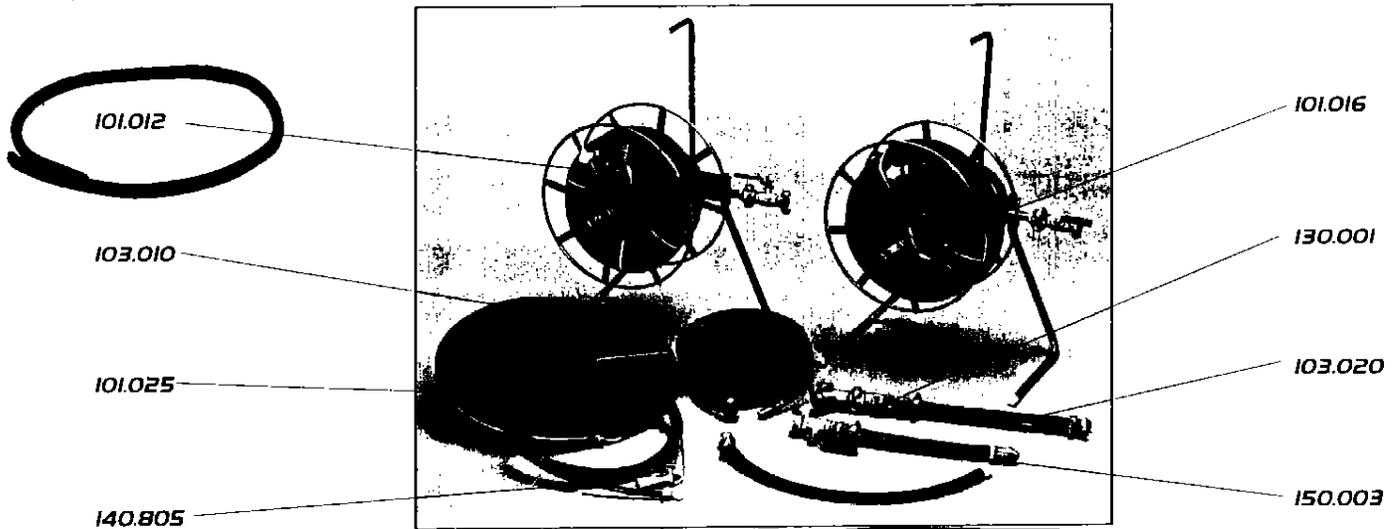
Spare Parts

| | | |
|---------|---|----|
| 240.028 | Inner thread, 0.11 inch (2.8 mm), per ft. | 2 |
| 240.032 | Inner thread, 0.13 inch (3.2 mm), per ft. | 2 |
| 240.038 | Inner thread, 0.15 inch (3.8 mm), per ft. | 2 |
| 242.028 | Brush nipple, 0.11 inch (2.8 mm). | 31 |
| 242.032 | Brush nipple, 0.13 inch (3.2 mm). | 31 |
| 242.038 | Brush nipple, 0.15 inch (3.8 mm). | 31 |
| 243.028 | Stop nipple, 0.11 inch (2.8 mm). | 31 |
| 243.032 | Stop nipple, 0.13 inch (3.2 mm). | 31 |
| 243.038 | Stop nipple, 0.15 inch (3.8 mm). | 31 |

Scand Tech, USA, L.L.C.

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COMPRESSED AIR CLEANING



Item No. 101.012 Tornado Nozzle Cleaning Kit, 1/2 inch (12 mm) with a 98 ft (30 m) hose on a reel, shut-off valve and claw coupling. 4 hard plastic jet nozzles with variable spreading angles for different duct sizes. 1 aluminium jet nozzle for ducts made of concrete. Recommended for: Duct sizes from 3" - 12" (80 mm-300 mm). Recommended compressor capacity: 185 cfm (5.2 m³ / min) at 116 psi (8 bar).

Item No. 101.016 Tornado Nozzle Cleaning Kit, 3/4 inch (16 mm) with a 98 ft (30 m) hose on a reel, shut-off valve and claw coupling. 4 hard plastic jet nozzles with variable spreading angles for different duct sizes. 1 aluminium jet nozzle for ducts made of concrete. Recommended for: Duct sizes from 6" - 24" (160 mm-600 mm). Recommended compressor capacity: 185 cfm (5.2 m³ / min) at 116 psi (8 bar).

Item No. 101.025 Tornado Nozzle Cleaning Kit, 1 inch (25 mm) with an 80 ft (25 m) hose, shut-off valve and claw coupling. 1 hard plastic jet nozzle for sheet metal ducts and 1 aluminium jet nozzle for ducts made of concrete. Recommended for: Duct sizes from 12" - 47" (300 mm-1200 mm). Recommended compressor capacity: 185 cfm (5.2 m³ / min) at 116 psi (8 bar).

Item No. 103.010 Feeding Hose 0.4" / 98 ft (10mm/30m) with claw coupling/ quick coupling. To be used together with Jetstream Cables, Air and Blaster Guns or other Air Tools.

Item No. 103.020 Feeding Hose black (Mantex) 1" / 65 ft (25mm/20m) with two claw couplings.

Item No. 130.001 Connection central for two Compressed Air Cleaning Kits. This Y-type connection central connects with a claw coupling to an 1 inch (25 mm) feeding hose from the compressor. Allowing you to connect two different Compressed Air Cleaning Kit with claw couplings.

Item No. 140.805 Air Gun recommended to be used in smaller ducts -from 3 inch to 5 inch (80 mm-125 mm). The kit consist of a 0.3 inch / 33 ft (8 mm - 10 m) stiff plastic hose and two plastic jet nozzles for forward or reverse directed compressed air. Recommended compressor capacity: 10 cfm (250 l / min) at 87 psi (6 bar).

Item No. 150.003 Shut-off valve 1 inch (25mm) with two claw couplings.



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