

The AIRE-SWEEP[®] Power Brush From Abatement Technologies.



The Problem: For many years professional duct cleaners have been searching for a power agitation system that would effectively remove caked-on debris from various types and configurations of ductwork.

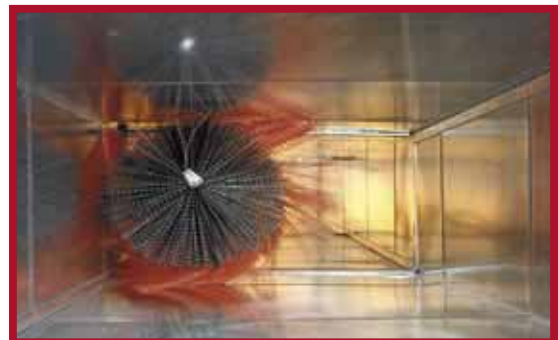
The available power systems were designed for other industries and applications, and adapting them for duct cleaning proved to be futile and inefficient.

The problems typically encountered were underpowered drive systems, easily broken cables, damaged ductwork and inadequate agitation and cleaning...especially in rectangular ductwork.

The Solution: The Abatement Technologies AIRE-SWEEP Power Brush System was designed and engineered to meet the unique needs of source removal duct cleaning.

This remarkable system provides superior performance and efficiency, yet has the flexibility to safely and effectively clean all of the ductwork materials and configurations normally encountered in the field.

The AIRE-SWEEP Power Brush is ruggedly built to withstand the rigors of duct cleaning and provide years of reliable operation. This is an essential tool for every duct cleaning professional.



Abatement Technologies, Inc., IAQ Products Division 800-634-9091

BREAKTHROUGH TECHNOLOGY

Compressed Air Attachment: The power unit contains a quick-connect air fitting which allows compressed air to be supplied through the cable casing to a bi-directional air nozzle located behind the brush head. This special nozzle helps "blast" the debris loosened by the power brush into the air stream of the power vacuum.

The nozzle can be operated in either the forward or reverse direction, and changing direction is done with a simple no-tool adjustment. This feature increases productivity by enabling the operator to perform both brushing and air sweeping simultaneously.

Reversability: The cable system enables the operator to reverse the direction of the cable rotation, thereby reaching both sides of the ductwork. This results in faster and more efficient cleaning and excellent cable life. The specially designed bi-directional cable helps to prevent the cable breakage that is so common when standard cable systems are run in reverse.

Variable Speed: A DC motor and variable speed control provide constant torque at all speeds. This enables the operator to adjust the RPM of the cable and brushes to handle a variety of duct sizes and materials.

Remote Operation: Brush On/Off and rotation direction (clockwise or counter-clockwise), and compressed air activation can be done from a compact, hand-held remote control. This remote control unit has a 15' cable to allow the technician better control and faster response time at the point of brush operation.

Special Brushes: Until now, brushes for power agitation systems were generally too aggressive for many cleaning applications.

Abatement Technologies has developed and tested a special line of brushes for the AIRE-SWEEP Power Brush system. The two-color coded brush designs can tackle virtually any duct material encountered in the field.

The blue poly bristles are ideal for duct board, lined duct, flex and small metal ducts. The soft bristles loosen the debris without damaging the ductwork material, which is very important when cleaning fiberboard materials.

The special "step" brushes are designed for metal duct. The shorter, stiff black bristles keep the brush centered while providing aggressive cleaning. The longer red bristles are soft, and get into corners and sweep the debris away from the surface.

Easy Assembly & Use: The air line, power cable and remote control unit all feature quick-connect fittings for fast, secure assembly. Changing to the exact size and type of brush required is quick and easy. A unique no-tool brush fitting locks the brushes in place in the forward and reverse directions. The AIRE-SWEEP nozzle operation can be switched from forward to reverse direction with a simple no-tool adjustment.

Portability: At only 45 lb. and 20" x 11" x 9", the power unit is lightweight and small enough to be easily taken to any access point in the ductwork.



Toll Free: 800-634-9091
Int'l: 678-889-4200
Canada: 800-827-6443

ABATEMENT TECHNOLOGIES
Technologically Advanced Air Purification Products

Fax: 678-889-4201
email: iaqinfo@abatement.com
www.abatement.com

Abatement Technologies, Inc., 605 Satellite Blvd. #300, Suwanee, GA 30024

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