



INDUSTRIAL CONTRACTORS SUPPLIES

www.DustDirector.com

Power Station Installation / Operating Instructions:

A highly recommended accessory when volumes of dry powder need to be extracted. Power Stations are nothing more than an empty cylinder or extension tank installed between the vacuum's collection tank and motor head.



Installed, one-third (1/3) of the vacuum's motor head and the complete HEPA Cartridge Filter are removed from the collection tank (see picture, left).

BENEFITS OF USING A POWER STATION:

- ▶ Increases collection yields by 33%
- ▶ With larger collection yields - in the same filter bag - productivity increases by 33%
- ▶ Filter bag consumption decreases by 33%
- ▶ With the HEPA Cartridge Filter operating in its own "protected" air space - completely removed from the tank and from suffocated of the filter bag as the filter bag itself fills - the vacuum's powerful suction is *naturally* maintained WITHOUT USING ELECTRONICS
- ▶ Motors Operate Cooler & More Efficiently, They Do Not Overheat, They Last Longer ~ *Guaranteed*.



INSTALLATION: Simply placed on top of their respective collection tanks, then the motor head is placed on top of the Power Station.

GROUNDING STRAP INSTRUCTIONS: Static shock are common in dry areas of when the relative humidity of the air is low. This is only temporary and does not affect the use of the vacuum. To reduce the frequency of static shock, please install the grounding chain to one of the tank clamps. With the last few inches of the chain laying on the ground, this should help reduce any static shock.

OPERATION, INSTALLATION, APPLICATION INFORMATION



Industrial Contractors' Supplies, Inc.

- DUST DIRECTOR DIVISION -

15061 Route 30, N. Huntingdon, PA 15642

Phone: 412 . 824 . 6933

Fax: 412 . 824 . 4704

www.DustDirector.com

AIRFlow HEPA Filtration - Flutter Filter Basket ~ An optional filter for Dust Director® Vacuums

Its not the vacuum, it's the filter . . . "A vacuum without the right filter is useless."

A **Flutter Filter** enables you to use your Dust Director Vacuum Cleaner without using the Clean Extreme Filter Collection Bags. Installed, the vacuum's powerful suction power is maintained without filter blinding (caking) when extracting dry powders, general debris, saw dust, fertilizer, etc.



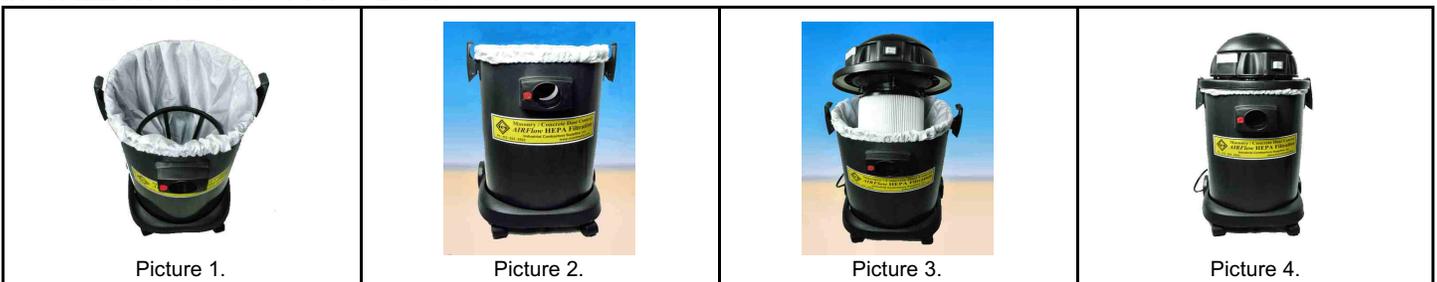
— Without Using Electronics to Automatically Pulse or Shake the Filter —

For even greater suction performance and collection yield capacity, the 300 and 400 Series Power Station may be used (see other page).

HOW THE FLUTTER FILTER WORKS. Using the vacuum's spiraling and swirling turbulence inside its collection tank the Flutter Filter's floating cage and loose fitting media are kept in constant and rapid flutter motion.

No electronic pulsing or mechanical filter shaking is used to keep the filter in constant flutter motion. As soon as the vacuum is turned-on the swirling effect inside the collection tank causes the Flutter Filter to begin its rapid fluttering motion. Constantly in fluttering and shaking motion, the Flutter Filter prevents dry powders from accumulating on its surface. Additionally, the filter's *floating filter cage* is also kept in motion as it knocks itself against the filter media to further enhance the filter's *natural* non-loading efficiency.

INSTALLATION: *Flutter Filter Basket*.



Picture 1.

Picture 2.

Picture 3.

Picture 4.

Installation. When installed, only the Flutter Filter Basket and the vacuum's cartridge filter are to be used in the vacuum. DO NOT USE FILTER BAGS WHEN USING THE FLUTTER FILTER. When vacuuming dry debris the cartridge filter is kept from blinding (caking) and the cartridge itself is kept from caking.

1. To install the Flutter Filter Basket - Expand or stretch the filter's elastic band over the outside edge of the tank – (See Picture 1).
2. Fit the filter inside collection tank (Picture 1 and 2) - Be sure that the *floating filter cage* is secured to the filter with its 3 tie wraps.
3. With the cartridge filter installed onto the Motor Head's filter cage (Picture 3), the motor head is then placed on the material of the Flutter Filter and the motor head is secured to the collection tank with its attachment clamps (Picture 4).