

## INSTALLATION, OPERATING DIRECTIONS SAFETY INSTRUCTIONS

Visit the **Dust Director®** Web Site for More Exciting New Concrete & Masonry Restoration Products: Web Site: [www.dustdirector.com](http://www.dustdirector.com)



Dear Customer: Many thanks for the confidence you've shown in us by purchasing the *Dust Director®*. Many years of working with contractors in understanding their needs, requirements and health concerns have gone into the design of our dustless cutting angle grinder tool. When used with a wet/dry vacuum cleaner - equipped with specific filtration for vacuuming dry powder - the Dust Director will provide a clean, healthy and more productive working environment for everyone.

NOTE: Just because a vacuum is a HEPA vacuum or it has a HEPA Efficiency Filter, does not mean it can handle the *large volume* of dry powder debris that the Dust Director will *direct* into the vacuum cleaner. Vacuum cleaners equipped without specific filtration for vacuuming dry powders will quickly experience suction drop as the powders accumulate on the surface of the filters and reduce suction performance.

For information on our *universal filters* - for use in your vacuum cleaner - and our Dust Director Vacuums with AIRFlow HEPA Filtration, please see our web site under Dust Control Tools. With AIRFlow HEPA Filtration, installed in *your* vacuum, dry powder debris accumulates to the tank's inlet port without loss of suction. Long hours of operation and high collection yields are guaranteed - for increased productivity.

### *Dust Director®* Design Applications:

1. Masonry, concrete, general purpose cutting where containment of airborne dust is critical.
2. For use by professional contractors who understand operator safety, have through training and experience in the use and operation of electric angle grinders when cutting masonry material with diamond blades.
3. Angle Grinders with 4 1/2", 5", and 6" blade diameters.

### MAXIMUM BLADE DIAMETER

The *Dust Director* has a maximum blade diameter of 6". NOTE: Blade diameter depends on the angle grinder's rated blade diameter, not the *Dust Director's* blade capacity. For example: if an angle grinder is rated at 4 1/2", do not mount a 5" or 6" diameter blade on the angle grinder just because the *Dust Director* can accommodate a 6" blade. This is also a safety issue: 4 1/2" angle grinders are shorter in body length than are 6" angle grinders. Hence, using a 6" diamond blade on a 4 1/2" (short) angle grinder places your hand dangerously too close to the cutting blade.

### MAXIMUM BLADE CUTTING DEPTH

Blade Diameter	Front Edge Depth of Cut	Side Edge (Inside Corners) (Depth of Cut)
4"	5/8"	5/8"
4 1/2"	7/8"	7/8"
5"	1"	1"
6"	1-5/8"	1-5/8"

### DUST DIRECTOR WARRANTY

DUSTLESS, INC. warrants *Dust Director* manufactured by it against defects in workmanship of materials for a period of 30 days from ship date to customer. The responsibility of Dustless, Inc., under this Warranty is limited to replacement or repair of defective parts at Industrial Contractor Supplies, of such parts as shall appear to us upon inspection at such point, to have been defective in material or workmanship, with expense for transportation borne by Customer.

WE MAKE NO WARRANTY WITH RESPECT TO ACCESSORIES OR PARTS OR PRODUCTS EMPLOYED BY THE USER WITH THE *DUST DIRECTOR* WHICH WERE NOT DESIGNED FOR THE *DUST DIRECTOR* OR SUPPLIED BY DUSTLESS, INC OR INDUSTRIAL CONTRACTORS SUPPLIES, INC. UNDER NO CIRCUMSTANCES SHALL DUSTLESS, INC OR INDUSTRIAL CONTRACTORS SUPPLIES, INC. BE LIABLE FOR ANY PERSONAL INJURY OR DAMAGES (DIRECT, INCIDENTAL, SPECIAL, OR CONSEQUENTIAL - INCLUDING LOST PROFITS) FROM THE SALE OR USE OF THE PRODUCTS BY DUSTLESS, INC. or INDUSTRIAL CONTRACTORS SUPPLIES, INC. THIS DISCLAIMER APPLIES BOTH DURING AND AFTER THE TERM OF THE WARRANTY.

**MATERIAL SUITABLE FOR CUTTING - USE THE RIGHT DIAMOND BLADE.** The *Dust Director* is designed to cut concrete, granite, marble, ceramic tile or any other masonry-like products. Do not use to cut plastic, fiberglass or any non-cement type products. Do not overheat the diamond blade. Overheating the blade may cause failure and could result in injury - This is solely the operator's responsibility. Do not force the tool when cutting. Use the right diamond blade for the application. Contact **INDUSTRIAL CONTRACTORS SUPPLIES** for help in selecting the right blade for the material being cut. The diamond blades must be rated and approved for operation at 12,000 RPM or faster. Please read and understand the information contained in these Operating Instructions before using the *Dust Director*.

### IMPORTANT SAFETY NOTES

1. The *Dust Director* Dustless Guard accommodates the following diamond blade diameters: 4", 4 1/2", 5" and 6". Blade diameter depends on your angle grinder's maximum blade diameter rating, not the *Dust Director's* "blade capacity".

USE THE PROPER BLADE DIAMETER WITH THE CORRECT SIZE ANGLE GRINDER.

2. The blade diameter also reflects the length of the angle grinder's body. The difference in length between a 4 1/2" and 6" Angle Grinder is 2". Using a 6" diameter blade on a 4 1/2" angle grinder places your hand dangerously too close to the spinning blade.

**IMPORTANT SAFETY NOTES (Continued)**

3. **FINGERS and HANDS MUST BE KEPT AWAY from BOTH CUTTING “EDGES” of the DIAMOND BLADE.**
4. **STAY ALERT, WATCH WHAT YOU ARE DOING, USE COMMON SENSE WHEN OPERATING THE DUST DIRECTOR.** A moment of inattention while operating the *Dust Director* may result in serious personal injury.
5. **DO NOT TOUCH THE DUST DIRECTOR’S “HOUSING” or “EXTENSION COVER” while the blade is moving.**
6. **IMPORTANT: ALWAYS WEAR EYE AND HAND PROTECTION WHEN USING THE DUST DIRECTOR.**

**CAUTION:** Before any use, be sure everyone using the *Dust Director* reads and understands all the Operating and Safety instructions and all other information contained in this manual. **SAVE THESE INSTRUCTIONS AND REVIEW PRIOR TO EACH USE AND IN INSTRUCTING OTHERS.** Do not attempt to install, start or operate the *Dust Director* until all the instructions have been read and understood by the operator.

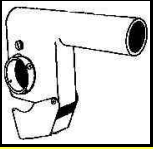

Failure to do so could result in personal injury and/or property damage. No person should attempt to operate the *Dust Director* without first being trained in the operation of industrial cutting tools. These instructions are not intended as a substitute for training and experience. Any user of the *Dust Director* should be thoroughly familiar with safety rules and regulations of portable grinders and diamond blades before use of the *Dust Director*.

THERE IS A RISK ASSUMED BY INDIVIDUALS WHO USE THE *DUST DIRECTOR*  
TO MINIMIZE RISK. YOU MUST FOLLOW THESE RULES:

1. **INSPECT EQUIPMENT DAILY.** Tighten all loose connections and replace worn parts immediately. Failure to do so may result in injury.
2. When using the *Dust Director*, exercise care to avoid injury. Perform your “cutting” at a smooth, moderate pace: never perform jerky or uncoordinated movements that may cause injury.
3. **KEEP HANDS, FINGERS AND ALL BODY PARTS AWAY FROM BOTH CUTTING “EDGES”.** DO NOT TOUCH THE DUST DIRECTOR’S “HOUSING” - or - The “EXTENSION COVER” while the BLADE IS MOVING. The spinning blade is extremely dangerous. It is your responsibility to observe all safeguards when using the *Dust Director*. A moment of inattention while operating the *Dust Director* may result in serious personal injury.
4. **WORK GLOVES REQUIRED.** Hands become sweaty, work gloves help prevent your hands from accidental slippage into a spinning blade.
5. If unsure of the proper use of the *Dust Director*, call your local *Dust Director* distributor or **Industrial Contractors Supplies, Inc.**

THE OPERATOR MUST OBSERVE SAFEGUARDS THAT INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:

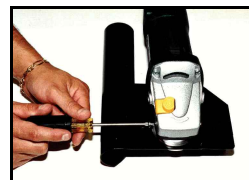
- \* Under no circumstances may the *Dust Director* be modified from its original design, including the removal of the EXTENSION COVER, with out the permission of Dustless, Inc. in writing. Non-authorized modifications can lead to serious injury or death to yourself or others.
- \* **CAUTION: KEEP YOUR HAND AND FINGERS AWAY FROM THE DUST DIRECTOR’S “HOUSING” and “EXTENSION COVER”.** SERIOUS BODILY INJURY WILL RESULT SHOULD THE EXPOSED BLADE CONTACT / CUT YOU.
- \* **BEFORE CUTTING,** always inspect areas for wires, cords, glass or other foreign objects which could come in contact with the blade.
- \* **KEEP CHILDREN AWAY.** All visitors should be kept at a safe distance from work area.
- \* Never use diamond blades that exceed the grinder’s maximum blade diameter rating or use diamond blades marked less than 12000 RPM.
- \* Never service the *Dust Director* or change blades without first disconnecting the electrical power to the angle grinder.
- \* Always inspect the installed blade for damage before use. Make sure the *Dust Director*, angle grinder and blade are undamaged.
- \* Ensure that the *Dust Director* is fitted onto the angle grinder properly and securely before each use.
- \* Caution: Diamond Blade segments may break away from the blade itself
- \* **ALWAYS WEAR SAFETY GLASSES, FULL-FACE SHIELDS, SAFETY SHOES, WORK GLOVES, HEARING PROTECTION.**
- \* **DRESS PROPERLY** - Do not wear loose clothing or jewelry. They can be caught in moving parts.
- \* Select the proper blade for the material being cut. Be sure the blade and equipment arrows are facing in the same “direction”.
- \* Be sure the blade is correctly mounted and turns without wobbling - Never cut material for which the blade is not designed.

 <b>DUST DIRECTOR Collar / Angle Grinder Cross Reference Chart</b> 	
Each Dust Director is equipped with a specific collar to fit specific angle grinders. Install a Dust Director onto your angle grinder using the following collars.	
DDC-MET	Metabo W7 Collar. Fits all <i>older</i> model Metabo angle grinders. Also fits: Rigid R1000, Hitachi G13SC2.
METABO-LEVER	Metabo W8 Collar. Fits W8, 9, 11, 14 series Metabo angle grinders. Fits all sizes of Metabo grinders with a spring-lever on the grinder for installing and adjusting the guard. Dust Director installs without using any set screws or tools.
DDC-MAK	Makita 9560 Collar. Fits 9560 series Makita Angle Grinders & Makita Model GA4530.
MAK-9550	Makita 9550 Collar. Fits Makita Models: 9557, 9554, 9520 Series Collar. <b>Also fits Hilti DAG 450-S.</b>
DDC-BOS *	Bosch 1700 Collar. Fits 1700 series Bosch Angle Grinders & Models: 1347A, 1375A & <b>DeWalt DW458 angle grinder.</b>
BOS-1800	Bosch 1800 Collar. Fits 1800 series Bosch Angle Grinders.
FEIN-WSG14	Fein Collar. Fits WSG & WSS 10 & 14 Fein Angle Grinders.
HILTI-500*	Hilti Collar. Fits Hilti angle grinder DCG 500-S. This collar installs without using any set screws or tools.
* 449264	Inner Blade Clamp - Required with the Bosch #DDC-BOS and Hilti-500 collars, and the DDC-MAK collar when installed on the Makita GA4530 angle grinder.

# DUST DIRECTOR INSTALLATION onto an Angle Grinder - 3 Collar Types:

## Collar Type 1 - For Bosch, DeWalt, Hilti 450, Hitachi, Makita, Metabo W7 Series, Rigid

Remove the angle grinder's standard blade guard, inner and outer blade clamps. Place the Dust Director's collar onto the grinder's bore (position the Dust Director's barrel as per the diagram to the right) and firmly push down on the collar to firmly seat the collar onto the grinder.



Securely tighten the collar's machine screws (10-32 x 3/8") into the grinder's bore. The Dust Director is now in its primary cutting position. Reference SWIVEL FEATURE & LOCK-IN POSITION for additional ways to hold and cut with the Dust Director.

## Collar Type 2 - For the Metabo W8, 9, 11 & 14 Series (with Spring-Lever on the angle grinder.)

Note: The Dust Director installs on these Metabo grinders without using any tools or set screws. Once installed, the Dust Director is positioned and re-positioned by depressing the spring-loaded adjustment lever on the grinder and rotating the Dust Director into 3 lock-in positions.

STEPS	DESCRIPTION	PICTURE
1	<p>Remove the angle grinder's standard blade guard and the inner and outer blade clamp / nut. Position the Metabo grinder as in Picture No. 1.</p> <p>Notice the notches on the bore of the angle grinder and how the angle grinder's Spring Lever can be depressed, Picture No. 2.</p>	
2	<p>Position the Dust Director so that the tabs on its collar aligns with the notches on the angle grinder's bore. Depress the spring-loaded adjustment lever and secure push the collar on to the bore of the angle grinder, Picture No. 3.</p> <p>After the collar is firmly secure in the bore's notches, release the spring lever &amp; rotate Dust Director counter clockwise - Picture No. 4.</p>	

**Dust Director TUCK POINTER Lock-In Cutting Positions** - Always cut into the barrel of the Dust Director: As the diamond blade cuts, it spins the dust in and up into the barrel of the Dust Director.



◀ ◀ **Position 1: 45° Cutting Position.** Once installed, depress the spring lever on the angle grinder and rotate the Dust Director counter clockwise until it locks into Position 1.

▶ ▶ **Position 2: 0° Cutting Position .** Depress the spring lever on the angle grinder and rotate the Dust Director counter clockwise until it locks into Position 2.



◀◀ **Position 3: 70° Cutting Position.** Depress the spring lever on the angle grinder and rotate the Dust Director clockwise until it locks into Position 3.

**Re-positioned the Dust Director on the Metabo angle grinder by depressing the grinder's spring-loaded adjustment lever, then rotating the Dust Director into 3 lock-in positions.**

**Dust Director FLOOR & WALL CHASER** - Includes the same 3 (above) Lock-In Cutting Positions plus a 4<sup>th</sup> Position. The 4<sup>th</sup> Position enables pull-cutting, which is excellent for following cracks on floors (pull cutting) or pull-cutting on floors and walls. NOTE: The Floor & Wall Chaser does not have the swivel feature. The swivel feature is only on the Tuck Pointer model. By eliminating the swivel feature, the *pull-cutting* position is provided. ▶ ▶

**To position the Floor & Wall Chaser into a pull-cutting position, depress the spring-load adjustment lever on the Metabo angle grinder (models W8, 9, 11, 14), then rotate the Dust Director into the 4<sup>th</sup> (pull-cutting) position.**







Note: With either Dust Director model (Tuck Pointer or Floor & Wall Chaser) you are still able to perform all of the dustless cutting and grinding applications - from tuck pointing to pull cutting. The difference is how the Dust Director is positioned (angled) on the grinder.

**Maximun Depth-of-Cut (DOC).** Controlled by the diameter of a blade:  
 4" blade - 5/8" DOC, 4.5" blade - 7/8" DOC, 5" blade - 1" DOC, 6" - 1.5" DOC.

### Collar Type 3 - For the HILTI 5" Grinder, Model No. DCG 500-S

Note: The Dust Director installs on the Hilti DCG 500-S grinder without using any tools or set screws (it uses the grinder's *spring-lever*).

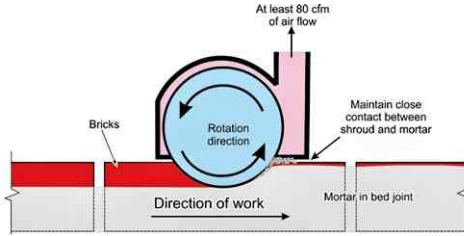
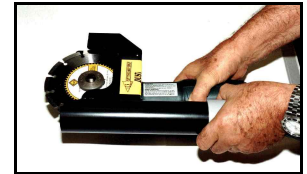
STEP	DESCRIPTION	PICTURE
1	<p>The Hilti Angle Grinder DCG 500-S uses notches on its bore for guard installation and positional changes, without using tools or screws. The Hilti 500 Dust Director is installed on the DCG 500-S angle grinder using a specific collar that utilizes those notches.</p> <p><b>Installation of Hilti 500 Dust Director to Hilti DCG 500-S Angle Grinder:</b></p> <p>Remove the angle grinder's standard blade guard and its inner and outer blade clamps.</p> <p>Notice the notches on the bore of the angle grinder, position the Dust Director to those notches - use PICTURE NO. 1 as your starting location.</p>	
2	<p>On the head of the angle grinder (left side) is a Guard-Adjustment-Lever - PICTURE NO. 2. Using your left hand, depress the Guard-Adjustment-Lever and firmly push down on the Dust Director's collar (right hand) to seat the Dust Director onto the bore of the angle grinder.</p>	
3	<p>After the collar is firmly secure in the notches, maintain depressing the Guard-Adjustment-Lever and rotate the Dust Director counter clockwise - PICTURE NO. 3.</p> <p>The Dust Director provides the user with <b>3 Lock-In Cutting Positions:</b> 45° (Picture No. 3), 30°, and 0° (with the barrel of the Dust Director parallel to the body of the angle grinder). Each position is obtained by depressing the grinder's Guard-Adjustment-Lever and rotating the Dust Director counter clockwise.</p> <p>Note: There are two pins on the Guard-Adjustment-Lever. Both pins are used to lock into each of the 3 Lock-In Cutting Positions. When installing the Dust Director, the Dust Director will first seat itself at a 70° angle. However, only one of the pins will be engaged in the collar. While it is OK to cut in this position, it will not be in a "lock-in" position. The 1<sup>st</sup> Lock-In Cutting Position is at its 45° position - Picture No. 3.</p>	
4	<p><b>Diamond Blade Installation.</b> After the Dust Director is firmly in place, install the enclosed Dust Director's Inner Blade Flange Nut. This inner blade clamp is included with each Hilti 500 Dust Director - PICTURE NO. 4. When using the Hilti 500 Dust Director, do not use the inner flange nut that is included with the angle grinder.</p> <p><b>Swivel Cutting Position.</b> From the 0° (parallel) cutting position (Picture No. 4), un-thread the spring-thumb screw on the backside of the Dust Director. This enables the Dust Director is swivel freely on the angle grinder. The swivel position is especially useful when cutting irregular and protruding surfaces (such as stone), and when cutting the inside and outside corners on walls.</p>	

**BLADE INSTALLATION**

Before installing or changing a diamond blade, always remove the plug from the electrical supply outlet, check that the angle grinder is turned "off", and that the spindle has come to a halt. Follow manufacturers directions for installing and changing blades.

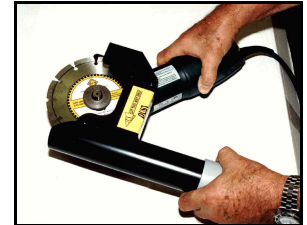
**PROPER CUTTING TECHNIQUE HOLDING THE ASSEMBLED UNIT**

The angle grinder / guard "assembly" is to be held with the *Dust Director* on top. (The grinder, with its spindle bolt facing upwards, is beneath the *Dust Director*; hence, the angle is upside down). Look through the "face plate" (yellow sticker) of the *Dust Director*. Hold the angle grinder towards the "back-end" of the grinder's body with your right hand. Your left hand holds the *Dust Director's* barrel (See diagrams to right).



**CUTTING WITH THE DUST DIRECTOR (5 Steps)**

1. Turn angle grinder and vacuum "on". On a 45 degree angle, ease the *Dust Director* into the material being cut, with the shoe of the *Dust Director's* barrel touching the work surface. Always keep the barrel's shoe in "close" contact with the work surface (see left picture).



2. **USE THE CORRECT DIAMOND BLADE.** The "right" blade for the material being cut will enable you to completely "sink" the blade into the material. If you find yourself making multiple passes in order to obtain proper

depth or width - **you are using the wrong blade!** Fine dustless cutting is made with (1) pass of the blade. Contact Industrial Contractors Supplies (ICS) for help in selecting the right blade. 3/8" & 1/2" wide are available at ICS Company. Additionally, if you are experiencing a "bouncing" blade or insufficient blade life, contact ICS for help in selecting the right blade for the material being cut. Beware of blade "kickback". Allow the blade to cut freely, do not force the blade to cut - there is no need too.

**EXTRA-WIDE JOINT CUTTING.** When cutting joints over 1/2" wide, multiple passes will have to be made.

Effective dust free cutting will be obtained when your second cut is 3/8" - 1/2" deeper than your first cut. For example (using a 5" diameter blade) your first pass will be 1/2" - 5/8" deep; your second pass will be 1" deep.



3. **IMPORTANT: CUT RIGHT-TO-LEFT "ONLY".** When the desired depth is achieved slowly move the angle grinder "forward" from right-to-left. Cut towards the *Dust Director's* barrel. Notice the directional "Arrow" on the Yellow Sticker. **Always cut into the mortar joint.** This is the only direction acceptable for dustless cutting. Cutting over an existing cut, widening a cut, or cutting away from the "barrel" will result in unsatisfactory dustless cutting.

4. Guide the *Dust Director* by observing progress through the open face-plate on the *Dust Director* - **Always Cutting Right to Left.**



5. **CUTTING A WALL'S INSIDE CORNER.** When the *Dust Director's* barrel touches an inside corner, turn the angle grinder "off" (there is no need to remove the blade from the cut), un-snap EXTENSION COVER, move it backwards towards the barrel (See Diagrams to right). Turn "on" the angle grinder and slowly push the grinder's body towards the wall that you are currently cutting and push the diamond blade into the inside corner. Ease both the "front" and "side" edge of the blade into their respective walls together. Keep the "shoe" tight against the adjoining wall. Continue "dual cutting" with both edges until the "side edge" has completely cut into the previous "un-cuttable" inside corner and the "face plate" is now flush with the adjoining wall. Proceed with forward cutting for 12"; turn grinder "off", re-snap the EXTENSION COVER into place on the HOUSING and continue to cut forward.



**INSIDE CORNER CUTTING / SWIVEL FEATURE.** The *Dust Director* can "swivel" on your angle grinder. This feature enables you to quickly catch any escaping dust, accommodate irregular surfaces and provides for closer cuts on "inside corners". The *Dust Director* is "shipped" in the LOCK-IN POSITION. To use the swivel feature, simply "un-thread" the Spring Screw on the backside of the *Dust Director's* housing, (See pencil Diagram, left). **LOCK-IN POSITION.** Both the Swivel and Lock-In feature provide various cutting benefits. The LOCK-IN position provides yet another way to hold the "assembly". Use these features to your own discretion.



**NOTES:** (1) A 5" diamond blade will give you a 1/2" depth-of-cut on a wall's inside-corner. (2), **DO NOT ATTEMPT TO REMOVE THE DUST DIRECTOR'S EXTENSION COVER,** doing so may result in bodily injury from the exposed blade.

**DUST DIRECTOR NOT WORKING - DUST ESCAPING FROM THE GUARD.** This is your signal that either the vacuum's filters are clogged or its tank is full. NOTE: The *Dust Director's* sole purpose is to "direct" the dust away from the user. The purpose of the "vacuum" is to keep-up with the "powdered" silica dust that the *Dust Director* "directs" into the vacuum. Unsatisfactory dustless cutting is the result of the user either not using the Dust Director correctly or the vacuum's filter system is "caked" with dust or its tank is full.

**Additional Dust Director® Product: Glitter Bits - Diamond Router Bits.**

Grinds hard brick mortar joints - finishes a cut what a diamond blade can't. Avoids over-cutting into existing bricks, grinds vertical brick joints, vertical & horizontal inside wall corners, window and door brick returns, individual brick removal, etc. 3 Sizes: 1/8" x 3", 1/4 x 3-1/2", 1/4 x 4-1/8".



**CLEAN EXTREME FILTER COLLECTION BAGS.** Installs into your Wet/Dry Vacuum. Specifically designed for use in the Dust Director line of vacuum cleaners - Available for use in all similar style wet/dry vacuums. The expected collection yield of using a Clean Extreme Filter Bag "in your wet/dry vacuum" will be to the tank's inlet port - WITHOUT SUCTION LOSS / WITHOUT FILTER BLINDING / WITHOUT FILTER BAG TEARING. Installed in a 24 gallon tank, collection yield is 140lbs. of dry powder silica dust. When used in standard wet/dry vacuums, Clean Extreme Bags transform inexpensive wet/dry vacuums into high performance, high efficiency vacuums: Reducing dust exhaust significantly, outside of the bag is kept clean, tank is kept clean and the HEPA cartridge filter is kept clean.

**Clean Extreme Filter Bags.** 96% Efficiency @ 0.3 Microns.  
Installs onto the tank's inlet port for collecting large volumes of dry powder dust without suction loss. Additional Features include:



1. Self Cleaning Filter Bag - Maintains 100% Suction Power
2. Strength / Durability - Will not tear or burst like paper
3. Large Collection Yields - All types of dry powders accumulated to the tank's inlet port without suction drop
4. Reduced Operating Cost - Large collection yields ensure high productivity, reduced downtime.
5. **Everything Stays Clean + Clean Air Exhaust is Assured** - Outside of the bag is kept clean, the inside of the tank is kept clean, cartridge filter is kept clean, even the vacuum's motor head compartment stays clean - Reduces dust exhaust when installed into standard grade wet/dry vacuum cleaners.



6. **Versatile:** COLLECTS EVERYTHING . . . Vacuums dry powders, saw dust, cold fireplace ash, paint chips, nails, glass, metal shavings, sharp objects, animal waste, insect larvae, sludge, oils, spill pick-ups, pressuring washing debris, pond and pool debris such as algae and foliage, etc. - **COLLECTS EVERYTHING . . . WET or DRY - EVEN at the SAME TIME - WITHOUT TEARING.**

<b>Clean Extreme Filter Collection Bag: HD Cloth Disposable Filter Bag - Wet/Dry Use, 96% efficiency @ 0.3 microns.</b>		
1. Safe, Clean Handling During Disposal - Will Not Tear While Being Handled, Outside of the Bag Stays Clean.		
2. Installs into <i>any</i> wet/dry vacuum with an inlet deflector port in its tank (tank sizes 7 - 30 gallon, including Shop Vac, Rigid, Fein, Master Craft, Altos, Wap, Nilfisk, Dayton, Bosch, Pullman-Holt, Etc. (P/N HL500-25).		
<b>HL500-25.</b> Fits 7 to 16 gallon wet/dry vacuums with a 2-1/2" inlet port.	2 / pack	\$ 13.85
Fits Dust Director Vacuums: DC-VAC, KNG, TP-12, DC-1, Contractor, Contractor Plus, AB-3Mini 2.0	20 / box	\$ 11.55
Also Fits: Shop Vac, Rigid, Fein, Master Craft (w/ MC-COLLAR fitting), Altos, Wap, Nilfisk, Dayton, Bosch, Pullman-Holt, etc.	50 / case	\$ 9.82
<b>HL501-25.</b> Fits 17 to 30 gallon wet/dry vacuums with a 2-1/2" inlet port	2 / pack	\$ 19.79
Fits Dust Director Vacuums: DC-2S, DC-2, DC-3, 30 Gallon Tanks	20 / box	\$ 16.48
	75 / case	\$ 14.00
<b>HL501-40.</b> Fits 17 to 30 gallon wet/dry vacuums with a 4.0" inlet port.	2 / pack	\$ 20.79
Fits Dust Director Vacuums, AB-3, AB-3-Mini 4.0	20 / box	\$ 17.48
	75 / case	\$ 15.00