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Owner's Manual for:

- D.I.Y. Dust Deputy - AXD001004
- Deluxe Dust Deputy - AXD000004
- Deluxe Dust Deputy 10 Gal. Kit - AXD000010
- Ultimate Dust Deputy - AXD000009
- Super Dust Deputy - AXD002030



The Original Dust Deputy®



2 & 3hp Smart Collector™



2 & 3hp Portable Collector



1.5hp Mini-Gorilla™



2 / 3 / 5hp V-System™



2 / 3 / 5hp Super Gorilla™



3 & 5hp Pro System™



Dust Cobra™

Oneida Air Systems dust collectors, top award winner in ALL independent tests since 1993.



Dust Collection Since 1993.

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5hp Smart Pro System™



U.S. Patent #7,282,074 C1
 U.S. Patent # D668409
 U.S. Design Pat.
 App. # 29/358,526
 29/358,497
 29/342,738

Vacuums Not Included.



The Dust Deputy® wins cyclone separator shootout! by "The Wood Whisperer."

www.thewoodwhisperer.com



Made in the USA

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Thank You for Choosing an Oneida Air Systems Product!

OAS manufactures and sells dust collection equipment only. Our qualified technicians and sales staff are available 8:30am - 5:00pm EST Mon. - Fri. to answer any questions concerning OAS products and dust collection. Call for ductwork design and ductwork quotes, including system pricing and shipping cost.

Read the entire Owner's Manual before assembling or operating system!

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U.S. Patent #7,282,074 C1
U.S. Design Pat.
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XIV. Terms & Conditions

Oneida Air Systems makes every effort to accurately represent our products and prices, however OAS reserves the right to make changes to products and prices at any time. As a manufacturer, OAS reserves the right to change product specifications at any time in an effort to achieve better quality products.

Fire Hazards and Codes

Warning! Explosion and  Hazard! Never vacuum flammable fluids or gas, oil, alcohol, solvents, etc. Do not operate near flammable fluids or gas. Never vacuum warm fluids or materials at more than 140 deg. F (60 deg. C), such as burning cigarettes, ashes, glowing coals, etc.
Warning! Do not vacuum hazardous / carcinogenic dust unless a HEPA filter is installed. Always keep filter cartridge clean so the vacuum operates properly.
Empty Dust Deputy waste can frequently. Never leave flammable material in your Dust Deputy or shop vacuum.

Returned Goods Policy

Buyer must inform O.A.S. of any shortage or damage, by so noting in writing, on the freight delivery bill prior to signing to indicate receipt of shipment. All claims, including claims covered under the limited warranty, are subject to inspection and investigation by O.A.S. O.A.S. reserves the right to inspect, investigate all returned products before Buyer's claim is settled. All products returned for a cash refund must be unused, resaleable and purchased within 30 days. There are no refunds on flex hose, custom made components or partial kit items. Kits must be returned in full (all components) for credit. **There will be a 25% restocking fee applied to any returned items. Buyer must call and get an RMA (Return Authorization Number). Merchandise must be shipped to us prepaid.**

Limited Warranty

Oneida Air Systems™ warrants the products manufactured by Oneida Air Systems, for a period of 90 days or more depending on the product, to the original purchaser from the date of purchase unless otherwise specified. Items not manufactured by Oneida Air Systems are limited to their own manufacturer's warranties. All electrical items such as magnetic starters, remotes, sensors, pumps and accessories are limited to 90 days. Oneida Air Systems warrants that the product will be free from defects in materials and workmanship. This warranty does not apply to defects due directly or indirectly to misuse, negligence, accidents, abuse, repairs, alterations, improper wiring or lack of maintenance. This is Oneida Air Systems sole written warranty and any and all warranties that may be implied by law, including any merchantability or fitness, for any particular purpose, are hereby limited to the duration of this written warranty. Oneida Air Systems does not warrant or represent that the merchandise complies with the provisions of any law or acts unless the manufacturer so warrants. In no event shall Oneida Air Systems' liability under this warranty exceed the purchase price paid for the product and any legal actions brought against Oneida Air Systems shall be tried in the State of New York, County of Onondaga.

ONEIDA AIR SYSTEMS SHALL IN NO EVENT BE LIABLE FOR DEATH, INJURIES TO PERSONS OR PROPERTY OR FOR INCIDENTAL, AND CONTINGENT, SPECIAL, OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF OUR PRODUCT.

Before Purchasing or Installing a dust collection system the buyer is cautioned to do so in accordance with prescribed Federal, State, Local, OSHA, NFPA, and any other applicable codes or regulations relating to the type of dust(s) you are collecting.

SOME TYPES OF DUST UNDER CERTAIN CONDITIONS HAVE THE POTENTIAL TO BE EXPLOSIVE.

Oneida Air Systems is not responsible for how the dust collector is used or installed. Dusts with deflagration or explosion risks, such as wood dust, may require additional safety equipment including but not limited to; venting, spark detection, suppression systems, back draft dampers or may require installation in an outside location or in a protected area away from personnel. The customer assumes the responsibility for contacting their insurance underwriter with regard to specific engineering controls or application requirements. (We suggest you reference NFPA 664, 654 and 68 codes for more information) Oneida Air Dust Collection Systems may not be suitable for some applications and are not designed to be used in explosive atmospheres. **Oneida Air Systems equipment should only be installed and wired by a licensed electrician following all applicable local and national electrical codes.**

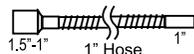
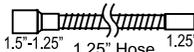
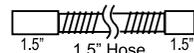
XIII. Accessories (Cont.)



Hollow handle scraper attaches by hose to vacuum source and sucks debris through handle to container. Eliminates mess from scraping that usually falls to floor.

UltraClean Scraper™

| Part # | Description |
|-----------|----------------------------------|
| AXS000000 | UltraClean Scraper™ |
| AXS000001 | Extra Tungsten Carbide Blade Set |



Hoses have at least one 1.5" dia. cuff to attach to cyclone inlet.



The Adaptor Kit makes it possible to attach 1.5" and 1.25" hoses to the 2" inlet.

Hose Packages (10ft. Lengths) & Options

| Part # | Description |
|-----------|---------------------------------|
| AXD300000 | 1.5" Hose / Cuffs 1.5" x 1.5" |
| AXD200000 | 1.25" Hose / Cuffs 1.25" & 1.5" |
| AXD100000 | 1" Hose / Cuffs 1" & 1.5" |
| VSHNZZ150 | Coupler 1.5" |
| AKD000000 | Hose Adaptor Kit |
| AXD200072 | Hose 2" x 6' w/ SD Cuffs |
| VSHRFE200 | Hose 2" x 25' w/ SD Cuffs |

All hose is high quality, static dissipating, wire reinforced.



Keep your shop clean by preventing ultra-fine dust from blowing out of your single-stage bag collector and into your shop air.

Add a best-in-filtration GE H12 HEPA filter to your current single stage dust collector.

Collector Not Included.

HEPA Filter Retrofit Kit for Single Stage Collectors.

| Part # | Description |
|-----------|--------------------------|
| FXK011820 | HEPA Filter Retrofit Kit |

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Dust Deputy® Owner's Manual © 2010

I. System Start-Up Information

Safety Instructions to be Strictly Followed.

Read the installation and maintenance instructions as well as the recommended safety practices in this manual and your shop vacuum's owner's manual before assembling and using the Dust Deputy®.

- ▶ Do not vacuum anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- ▶ Do not vacuum, or use this Dust Deputy® near flammable or combustible liquids, gases, or explosive dusts, such as gasoline or other fuels, lighter fluid, cleaners, oil-based paints, natural gas, hydrogen, coal dust, magnesium dust, grain dust, aluminum dust, sugar dust, flour dust or gun powder.
- ▶ To reduce the risk of health hazards from vapors or dusts, do not vacuum toxic materials unless a HEPA filter is used. Do not use or store near hazardous materials.
- ▶ The Dust Deputy® is made from static dissipating plastic. Additional grounding is recommended for increased safety. See grounding instructions.
- ▶ Wood dust mixtures are highly flammable and can be explosive. **NEVER** introduce sparks or sources of ignition into collector.
 - 1.) Dump drum after each use.
 - 2.) Ground system. (See pg. 9) For added safety.
- ▶ **NEVER leave wood dust in a building or vehicle.**
- ▶ Keep fire extinguishers handy at all times.
- ▶ Can be used for collecting non-flammable liquids.
- ▶ **Always read your shop vacuum owner's manual for safety procedures regarding the operation of your shop vacuum.**
- ▶ Dispose of waste in a **FIRE SAFE AREA**.

WARNING / SAFETY

Some dusts are highly flammable or explosive. Learn / know what you are dealing with. Follow all local, state, federal & NFPA codes and guide lines.

II. D.I.Y. Kit Contents Plastic D.I.Y. Dust Deputy® - AXD001004

U.S. Patent #7,282,074 C1



With the D.I.Y. Dust Deputy, you only receive the plastic cyclone. You must supply all hardware and buckets yourself. Remember that the larger the container, the sturdier the walls must be to prevent collapse.

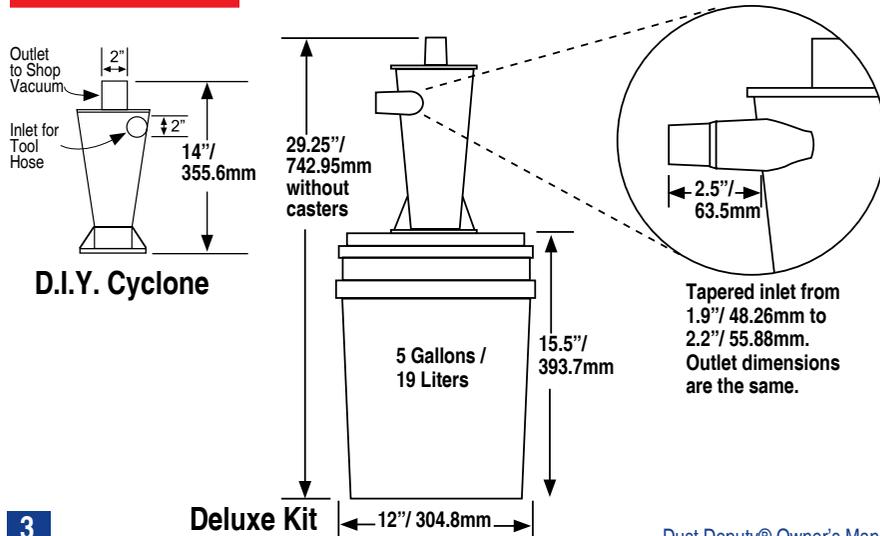
Deluxe Kit Contents Plastic Dust Deputy® w/ Plastic Drums - AXD000004

U.S. Patent #7,282,074 C1

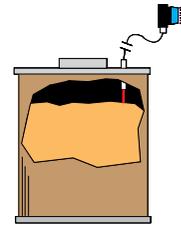


- Lid 5 gal. w/ bolt & ctr. holes (1) SDX050001
- Block foam 2"x3"x6" (1) AFF030306
- Gasket for Cyclone (1) AXG000004
- Pail 5 gal. (2) SDS050001
- Hose 2.5" x 61" (1) AXD250081
- Plastic Cyclone (1) VXC110002
- Elbow 2" (1) AHA000004
- Hardware AHK000004
- Casters (3)
- Hose Retention Ring & 2 1/4" Clamp
 - 1/4 - 20 x 3/4 Hex Head Bolt (6) - AFS015920
 - 1/4 Whiz Nut (8) - AFT000005
 - 1/4 Flat Washer (6) - AFW025000
 - 5/16 x 1 1/2 Fender Washer - AFW170000
 - 1/4 - 20 x 3 1/2 Carriage Bolt - AFB025350
 - Metal grounding tape 24"

Dimensions



XIII. Accessories Order Online at www.oneida-air.com



U.S. Patent Application Ser. No. 12/940,106
Filed November 5, 2010
Patent Pending

2010
HANDY
MAGAZINE
INNOVATION
AWARD



Dust Sentry™

| Part # | Description |
|-----------|----------------------------------|
| AXB999110 | Dust Sentry™ Bin Level Indicator |

Infrared sensor with flashing strobe light let's you know when it's time to empty your drum.



Retrofits to any router. Connects to your shop vacuum or dust collection system.

Router Dust Hood

| Part # | Description |
|-----------|------------------|
| ATD000005 | Router Dust Hood |

Replacement HEPA Filters for Your Shop Vacuum



| Part # | Description |
|-----------|---|
| FCH000001 | Cleanstream® HEPA Filter for Craftsman® Wet/Dry Vacs. Replaces Sears Filter 4-17816 |
| FCH000002 | Cleanstream® HEPA Filter for Rigid® Wet/Dry Vacs |
| FCH000003 | Cleanstream® HEPA Filter for Genie®, Black & Decker® Wet/Dry Vacs |

HEPA filters 99.97% of test material from 0.3 microns.



Industrial weight plastic bags to line your dust bin for the Ultimate Dust Deputy for easy waste removal.

Plastic Bags

| Part # | Description |
|-----------|--------------|
| AXD600300 | Packs of Ten |



Drum Dolly increases Deputy's mobility and stability. Can be used with either the 10 Gal. metal or 5 Gal. plastic drum.

Drum Dolly

| Part # | Description |
|-----------|-------------|
| SDD000002 | Drum Dolly |

More on next page.

XII. Troubleshooting

- ▶ Dust Deputy® not separating well. (Only a tiny amount of dust should reach the vacuum.)

Air leak. Check cyclone flange / drum lid / barrel. Even small leaks will affect performance.

- ▶ Low air volume.

Vacuum filter clogged. Blockage in hose.

- ▶ Material swirls in cyclone and won't drop down into drum.

Air leak in bottom of cyclone / drum lid or dust drum.

Large, bulkier material might swirl. Restart or temporarily cut off air flow to drop material down.

- ▶ Hose connections not tight.

Due to the varied hose diameters, flexible couplers can be used. They are available at local hardware stores in the plumbing section.



To Prevent Hose Pull Off

The inlet and outlet of the Dust Deputy® are shouldered and tapered to adapt to a range of vac hose sizes. If on your model the friction fit isn't as tight as needed you can do the following:

- ▶ Use the included hose clamp and hose retention ring as shown on pg.10.
- ▶ Wrap the inlet and outlet of the Dust Deputy with a layer of electrical tape to increase the friction fit.
- ▶ Secure with a sheet metal screw.

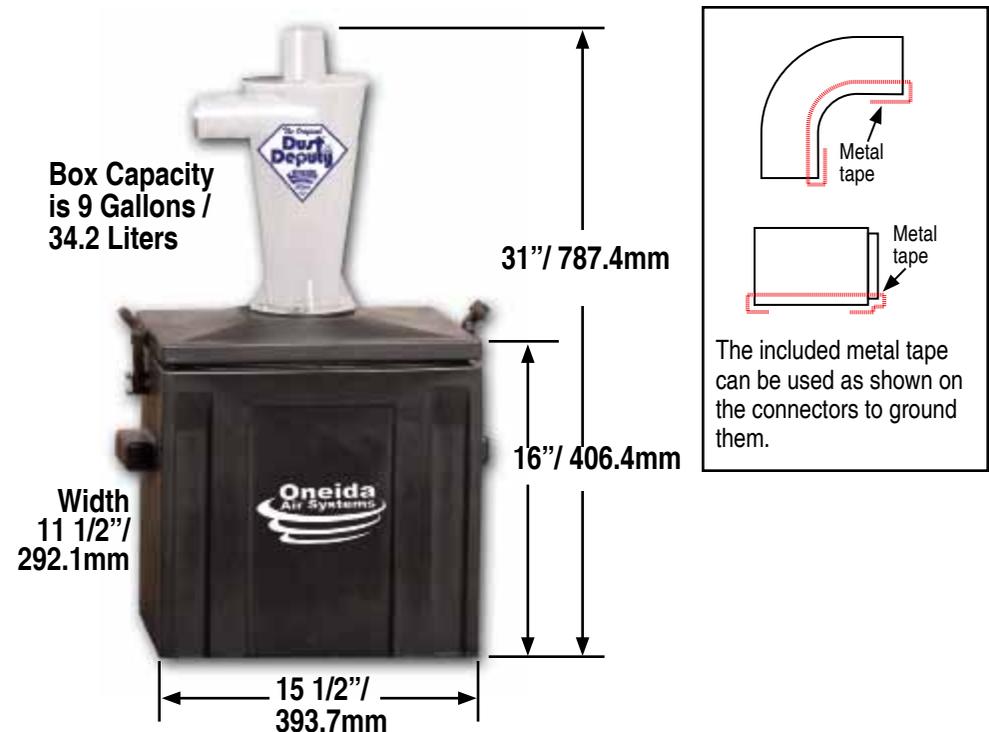
III. Ultimate Kit Contents

Ultimate Dust Deputy® - AXD000009



- Adaptor, Cuff 2.5" - 2.25" (1) AXD250225
- * Optional Elbow 2.5" (1) AHA000004
- Rubber T-Latches (2) AFL000007
- Gasket for Cyclone (1) AXG000004
- Gasket Neoprene (4 ft.) RGZ000000
- Reticulated Foam Block (6" Sq. In.) RMF000060
- 9 gal. Molded Box (1) SDS090000
- Hose 2.5" x 5.5' (1) AXD250066
- Shut Off Valve (1) AXD600000
- Tubing 1/4" (3 ft.) AXD600200
- Plastic bags (3) AXD600300
- Plastic Cyclone (1) VXC110002
- Hardware AHK000009
 - 1/4 - 20 x 3/4" Mach. Screw (6)
 - 10 - 32 x 1" Mach. Screw (4)

Dimensions



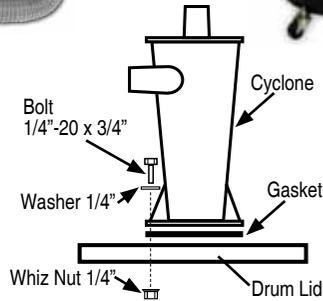
IV. 10 Gal. Deluxe Contents

10 Gal Deluxe Dust Deputy® - AXD000010

U.S. Patent #7,282,074 C1
U.S. Design Pat.
App. # 29/358,526
29/358,497
29/342,738



- SDD000002 - Drum Dolly Frame - 10 gal. (1)
- SEX100000 - Drum Lid (1)
- RHC000006 - Caster (4)
- VXC110002 - Plastic Cyclone (1)
- SES100000 - 10 gal. Steel Drum w/ Clamp (1)
- AXD250066 - Hose 2.5"x 5.5' (1)
- VFA050015 - Grounding Tape (1)
- BBS001205 - Plastic Spacer (1)
- AXG000004 - Gasket (1)
- AFW380125 - Felt Washer (1)
- AFW180000 - Washer Flat 5/16" (1)
- AFW025000 - Washer Flat 1/4" (6)
- AFT155175 - Whiz Nut 5/16" (4)
- AFT000005 - Whiz Nut 1/4" (7)
- AFS015920 - Hex Bolt 1/4-20 x 3/4" (6)
- AFB025175 - Carriage Bolt 1/4-20 x 1 3/4" (1)



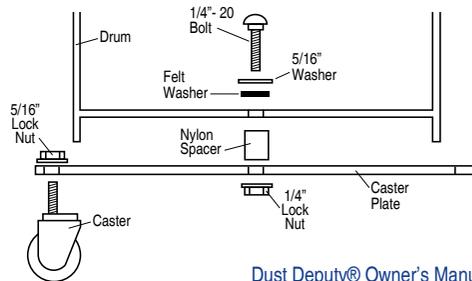
Place supplied gasket on drum top, lining up holes in gasket with holes in lid. Put metal tape on cyclone as shown then place bolt through washer then put bolt through hole in base of cyclone. Secure with nut underneath.



For additional static reduction, install metal grounding tape as shown.

10 Gallon Drum Dolly Assembly - SDD000002

1. Install the (4) casters by inserting stems through the four perimeter holes in dolly legs. Put on a 5/16" lock nut on each caster stem and tighten with a wrench.
2. Measure, center punch and drill a 1/4" hole in the center of drum bottom.
3. First put metal washer, then felt washer on the 1/4"- 20 carriage bolt. Insert bolt into the drilled hole from **INSIDE** the drum. Slip nylon spacer over bolt so that it is on the outside of drum against the bottom. Put caster plate over the bolt and tighten with 1/4"- 20 lock nut as shown in photo. This allows the felt washer to seal the hole in the drum. It is very important for your unit's performance that there are no air leaks.



Dust Deputy® Owner's Manual © 2010

XI. Super Dust Deputy® Super Dust Deputy® - AXD002030A

Turn Any Single Stage Collector Into A Super Cyclonic Dust Collector!

1. Add A Super Dust Deputy® Cyclone.

Add one of our HEPA media filter retrofit kits to your collector for even better filtration. See the accessories page.



Dust Collector, Dust Drum, Flex Hose and Filter not included.

U.S. Patent #7,282,074 C1
Design Pat. Pend.

System Dimensions

- ▶ Height approx. 27"
- ▶ Inlet Diameter: 5" O.D.
- ▶ Outlet Diameter: 6"
- ▶ Static Dissipative Plastic



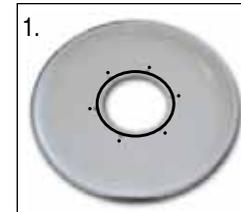
- VXC160001 - 16" Cyclone (1)
- AFS015920 - Bolts 1/4-20 x 3/4 (6)
- AFT000005 - Whiz Nut 1/4 (6)
- AFW025000 - Washer 1/4 (12)
- RGZ250250 - Gasket 1/4 x 1/4 (2ft.)

Optional:
SEK170601 - 17 gal. Steel Drum Kit

Benefits & Features:

- ▶ Turn your inefficient single stage or two stage collector into a high efficiency cyclonic collector using your existing blower. Retrofits to single stage 1/2hp to 3hp dust collectors.
- ▶ High efficiency cyclone separates 98% of wood waste before the filter. Filter clogging no longer reduces air flow.
- ▶ Compact footprint. Simple installation.
- ▶ Reduced filter maintenance and no dusty bags to empty.

Super Dust Deputy Assembly



1. Apply gasket around the inlet hole in the drum lid, making sure that the gasket goes inside the bolt holes and around the inlet hole. An air tight seal is extremely important for good dust collection. Make sure ends of gasket butt together and there are no gaps.



2. Turn cyclone upside-down and place it on the floor or other flat surface. Turn drum lid over and align bolt holes in lid with bolt holes in cyclone base. Put bolt through washer, then put bolt and washer through lid from the underside of lid and attach with another washer and whiz nut. Tighten nut and repeat with all six bolts. Thoroughly tighten hardware to eliminate air leaks.



3. Put cyclone and lid on top of optional dust drum then attach and seal with clamp ring.

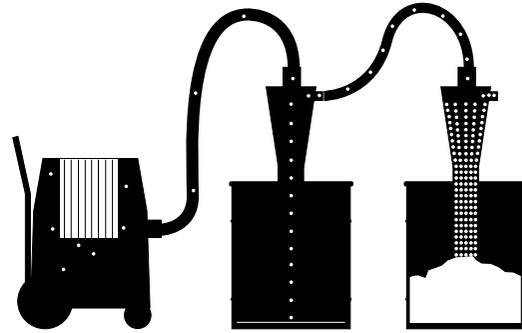
Dust Deputy® Owner's Manual © 2010

X. Adding Cyclones to Improve Performance

Top View



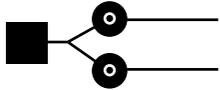
This arrangement may be useful for very fine dust situations.



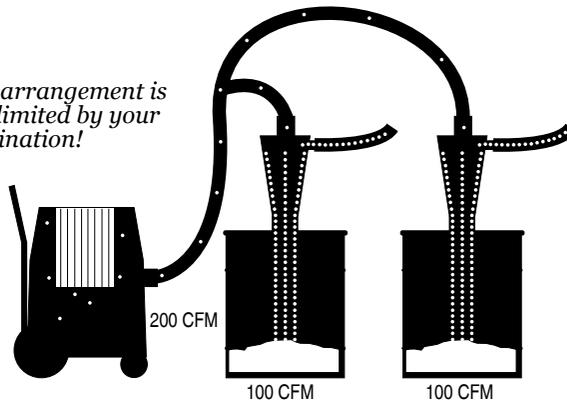
Attach in Series

Increases particle efficiency.

Top View



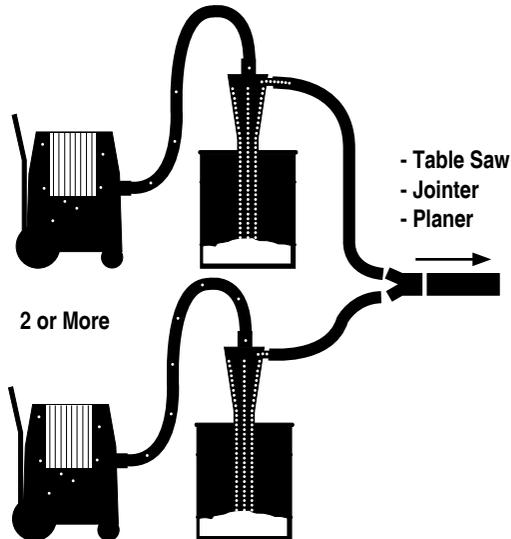
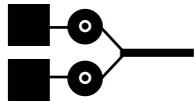
Your arrangement is only limited by your imagination!



Attach in Parallel

Same particle efficiency but increases CFM.

Top View



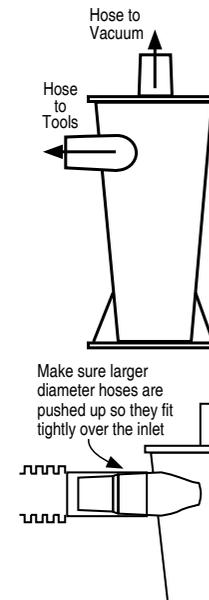
Multiple Vacuums

More Airflow to Big Tools.
More CFM.

V. Assembly Instructions for D.I.Y. Dust Deputy®

The Dust Deputy is made of static dissipating plastic*.

These are the minimum parts you will need to acquire to use the Dust Deputy:



- Shop Vacuum
- Dust drum or container that will withstand the vacuum pressure (We recommend at least a 90 mil side thickness otherwise the container may collapse when in use.) and has a lid that can be tightly sealed. (e.g.- 5 gal. plastic drywall bucket) Drum must be 100% air tight.

Any air leak in lid or drum will affect separation performance. For wood dust, use of a smaller container is better (up to 10 gal.) The larger the container, the sturdier the walls must be to prevent collapse. To reduce the chance of fire hazard, empty container after each use.

- 2" - 2 1/4" dia. Vacuum Hose to go between the Dust Deputy outlet and your Shop Vacuum.

- Vacuum Hose to attach to Dust Deputy inlet and your tools.

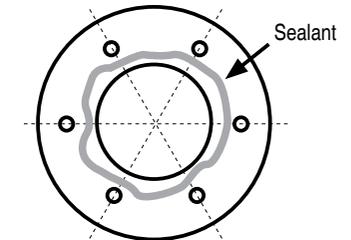
- (6) 1/4" x 1" bolts with nuts and washers.

- Any suitable sealant (e.g.- Silicone) to use between the cyclone base flange and the top of your dust container. Any air leak between the cyclone and lid will affect separation performance. You should also seal the inlet and outlet hose connections.

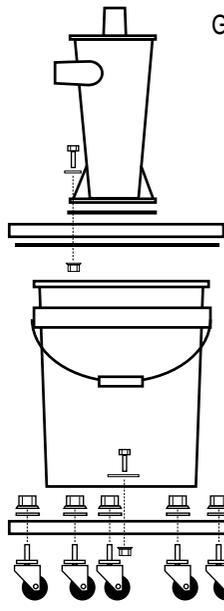
* - For added safety the D.I.Y. Dust Deputy can be grounded with copper wire. See Pg.9

How to Make Template for Drum Lid and Assemble Dust Deputy®

1. Place cyclone base in center of drum lid.
2. With pen, trace around base and bolt holes.
3. Connect opposite bolt holes with lines as shown above to find center.
4. Draw 3" dia. circle for drum inlet. Carefully cut out 3" hole in lid.
5. Use 5/16" drill bit to drill bolt holes.
6. Spread even layer of sealant between center hole and bolt holes on drum lid. (See above diagram.) **You must have a complete seal between cyclone and drum lid or performance will be affected.**
7. Put bolts through washer and cyclone base then fasten with nuts under drum lid.
8. Lid must completely seal to drum. Gasket must be used. **Any air leaks will affect performance.**
9. Attach one hose from top cyclone outlet to shop vacuum and the other hose from side cyclone inlet to your tools or use hose by itself to pick up waste.



Additional Ideas for the D.I.Y. Dust Deputy®



Gasket can be glued to bottom of bucket lid.

A.) An example of a plywood top that had a groove routed out of it to fit the bucket rim and accommodate the gasket.

B.) For mobility and additional stability, you can make a plywood platform to fasten your bucket to. We recommend 5 casters for the best stability.



You are only limited by your imagination and if you can seal your top and if your container can stand up to your suction pressure without collapsing.

No casters are included in D.I.Y. kit.



Other examples of ways the D.I.Y. can be used.

The Multi-Cyclone DIY Dust Deputy® Kit gives you twice the suction of a single vacuum for bench top tools, or any other kind of cleanup your shop, worksite, or home requires. This is a one-of-a-kind, build it yourself dust collection system!



Go to our website to see the instructions for how to build this system.

Additional parts and assembly required. Not sold as shown.

IX. Other Options for Securing Dust Deputy® Deluxe to Vacuum



Strap to Vacuum



Bolt to Attached Platform - This works best with large wet / dry vacuum.



Velcro to Dolly



Courtesy of John Miller / www.workshopaddict.com

Home-Built Carts



Bolt Bucket to Dolly



IX. Possible Ways to Attach Dust Deputy® Deluxe to Shop Vacuums



You may want to attach your Dust Deputy to your shop vacuum for mobility, convenience or stability. There is no definitive way to attach the Dust Deputy to a shop vacuum. It will vary with vacuum type and intended use. These are just a few examples of possible ways it may be done.

Cut the provided foam block in half. Drill two 1/4" holes through bucket, blocks and vacuum as shown, then using provided long bolts, washers and nuts, attach bucket to vac.



Use the foam blocks as spacers between the vac and bucket then put the assembled Dust Deputy into the attached bucket to hold it securely to the vacuum. Attach the appropriate hoses and you're ready to go.

Note: For better mobility and stability use the included 3 casters as shown in the assembly instructions.



Some vacuums may only require one foam block to attach the bucket. This may be determined by vacuum body shape.

Cut the provided foam block to size. Drill two 1/4" holes through bucket, blocks and vacuum as shown, then using provided long bolts, washers and nuts, attach bucket to vac.

Use the foam block as upper spacer between the vac and bucket then put the assembled Dust Deputy into the attached bucket to hold it securely to the vacuum. Attach the appropriate hoses and you're ready to go.

The mounting is only limited by your imagination.

To prevent tipping, install provided casters.



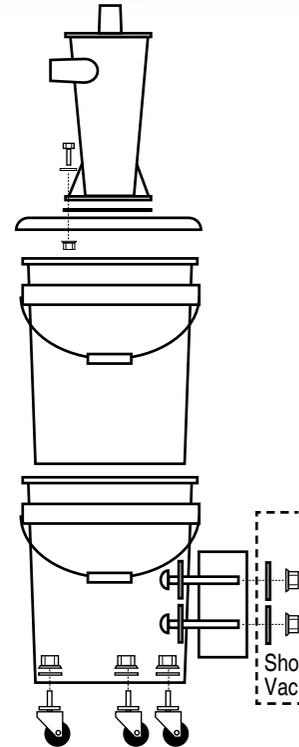
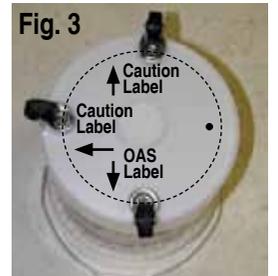
VI. Assembly Instructions for Deluxe Dust Deputy® Kit

Example 1



This is just one example of attaching the Deluxe Dust Deputy® to a shop vacuum. Most shop vacuums will use similar steps but you may have to modify slightly for your particular vacuum.

1.) Position drum so that lead caster hole is drilled in bottom of bucket on caution side as shown in Fig. 1. This is so safety instructions are not covered up by foam block and are easily read. **Holes must be at least 1" from bucket bottom rim so caster can freely swivel (Fig. 2) when unit is wheeled around.** Use a 5/16" drill bit for holes. Drill the holes in a triangular pattern as shown in diagram below and Fig. 3. (You'll want to drill an extra hole in the bottom to make it easier to pull out second bucket for emptying.)



2.) Put casters through bottom of bucket and fasten with the provided washers and 1/2" hex head nuts as shown in Fig. 4.



3.) Wheel the bucket up to your shop vacuum and see where the best placement for foam block will be on your vac. Mark where block will attach on your vacuum and bucket as shown in Fig. 5. **You should attach bucket to the side of vacuum opposite the vac inlet. See Example 1.**



Caster holes must be a minimum 1" from bucket bottom edge so caster doesn't hit rim of bucket when wheeled around.

VI. Assembly Instructions for Deluxe Dust Deputy® Kit

4.) Position foam block on marks and drill two holes (upper and lower) through foam block and bucket (Fig.6). Put the two supplied carriage bolts through the large washers and then through the bucket from the inside.

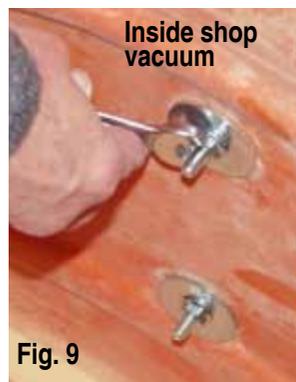


5.) Mark on shop vacuum where bolts will go through (Fig. 7).

6.) Carefully drill through wall of vacuum (Fig. 8). If you ever want to remove the Dust Deputy from your shop vacuum, you can easily seal the holes in your vac with a bolt, washer, nut and silicone if you desire.



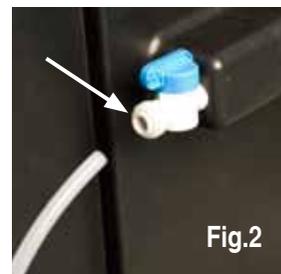
7.) Put bolts through the holes in vacuum and fasten inside of shop vacuum body with another washer and bolt as shown in Fig. 9.



VIII. Installing the Dust Bagger



Attach vacuum hose with valve to vacuum as shown in Fig. 5. Push included plastic tubing into 1/4" tubing elbow. (Fig. 1)



Push other end of tubing into 1/4" tubing valve. (Fig. 2) Tubing can be cut to desired length. To remove tubing from valve, you must push end of valve in to release the grip. See arrow in Fig. 2. Ensure valve is open when using bags. Valve shown in open position.



Place included reticulated foam filter - RMF000060 into handle space of top valve inside of box. (Fig. 3) This prevents bag from being sucked into valve and prevents dust from entering valve if used without bag. It may also be black.



Place bag into box, tucking into corners and folding top of bag over top of box. (Fig. 4)



Place top on box and latch down, attach your hoses to the Dust Deputy® inlet and outlet and you're ready to go! (Fig.5)



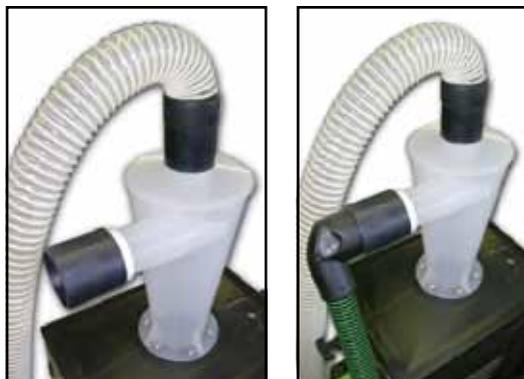
If you want to run the Dust Deputy® without the bag, you must shut the valve by turning the valve handle 90 degrees. The system must be air-tight to operate properly. Fig.6 shows valve in open position.

Note: Before resuming using plastic bags you must vacuum off the foam filter (Fig. 3) so air flow is not restricted.

VII. Assembly Instructions for Ultimate Dust Deputy®



- Pull up latch so hole in latch goes over the pin / boss on Dust Box top.
- Attach hose from vacuum to the top of the Dust Deputy® cyclone outlet.



- If you are using the Festool hose, attach included adapter, white end first on the cyclone inlet as shown, then connect hose to adapter.



An optional Elbow can be used on the outlet to reduce stress on the Dust Deputy® top during use.

You can put the hoses in the box and turn the top upside down and latch the top down to transport the Dust Deputy® to a job site so the cyclone is protected.



VI. Assembly Instructions for Deluxe Dust Deputy® Kit

The Dust Deputy® is made of static dissipating plastic.



- Place supplied gasket on plastic drum top, lining up holes in gasket with holes in lid.



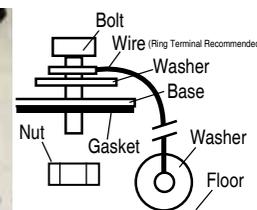
- Install metal tape then place bolt through washer then put bolt through hole in base of cyclone. Secure with nut underneath.



For additional static reduction, install metal tape as shown.



Cover bolt hole and use the bolt for the grounding wire anchor.



For added grounding, attach wire to bolt between bolt head and washer, then attach another washer to end of wire. Wire must be long enough for washer to lie flat on floor.

This hardware not provided.



- Snap lid tightly on drum and you're ready to go.



- Attach provided hose from shop vacuum to top outlet on cyclone (A). Use shop vacuum hose to attach to tools. (B).

Use included elbow on the shop vacuum inlet or on the outlet of the cyclone.



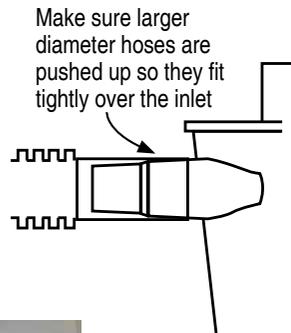
VI. Assembly Instructions for Deluxe Dust Deputy® Kit

If hoses are not tight on the inlet, or keep pulling off, use the included Hose Retention Ring or the included clamp or both as shown below.

Hose Retention Ring



Hose Clamp



VII. Assembly Instructions for Ultimate Dust Deputy®



1. With a Phillips head screwdriver, attach the two rubber latches, one on either side of the dust collection box using the (4) 10 x 32 x 1" machine screws included in the hardware pack. Make sure that the handle of the latch curves downward when attached or when in the up position it points out.



2. Take the provided length of gasket, peel the protective backing off of the gasket and carefully place the gasket flat around the underside of the box top as shown, not on the side of the inside lid.



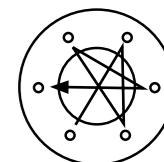
It is very important that there are no gaps in the gasket where the ends meet. Make sure they are butted together!



3. Put Gasket on box top making sure gasket holes line up with bolt holes in top.



4. With a Phillips head screwdriver, attach the Cyclone with the (6) provided 1/4" x 20 x 3/4" bolts. Tighten in a star pattern as shown. Do NOT over tighten.



Point inlet at either latch.



Star Bolt Pattern