



Proudly Made in the USA

# 2011 / 2012 Systems & Ductwork Catalog











1.800.732.4065 [www.oneida-air.com](http://www.oneida-air.com)





Dust Collection Since 1993

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**Oneida Air Systems makes every effort to accurately represent our products, specifications 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.**



# About Oneida Air Systems™

Oneida Air Systems™ was founded in 1993. We started designing and manufacturing cost effective state-of-the-art dust collection and material handling systems for woodworking shops. Eighteen years later, we are proud to say that our company produces the best cyclonic dust collection systems available today.

What we do and the products we make are a direct result of ideas and suggestions from our customers. We take the best customer ideas and we invent and manufacture those ideas in the spirit and the language of a company that is proud to manufacture in the United States. When you choose an Oneida Air Systems™ product you get people whose only goal is to provide you with the best dust collection solution, with the best duct design plan, and access to one-on-one technical support.

Customers often ask why they should buy an Oneida Air Systems™ dust collection system. We could give hundreds of reasons but some of the most important ones are below:



Full production shop. Over 75,000 sq. ft. manufacturing facility in Syracuse, NY.



- ▶ Oneida Air Systems™ has won every independent tool test since our inception. We have taken top place in every dust collection comparison we've ever been in to date.

## Some of our Industry Awards



- ▶ We have over 13 U.S. or European patents or patents pending. We are innovators not copiers in dust collection.
- ▶ Our systems are designed and manufactured in the United States with USA components. Our premium motors carry the UL, CSA and CE listings.
- ▶ All of our components are top quality. Oneida's dust collection systems are constructed of heavy gauge steel. Our systems are built to withstand industrial environments. We use the best components, motors, and filter media, not the cheapest.
- ▶ We supply actual tested performance specifications, (we guarantee them) not overstated airflow (CFM) numbers that confuse and mislead the consumer. Our dust collection systems outperform the competitors in airflow, and filtration. Compare fan and system performance not horsepower alone.
- ▶ To guarantee effective dust collection, engineers and qualified technicians will size and design a custom dust system complete with ductwork layout indicating the proper pipe diameters to run to each piece of equipment.



**The applications for dust collecting solutions are endless. Whether you are collecting wood dust, metal dust, plastic dust, fiberglass dust or food-born dust (our systems can be manufactured in stainless steel), Oneida Air Systems™ has a dust collector for your application. Call us today and let us solve your dust collection problem.**



Complete line of ready-to-ship ductwork.



An expert blend of hand-made and high tech.



# Industry Awards

Since 1993, Oneida Air Systems™ has set the standard in cyclonic dust collection. We are proud to have won every independent tool test to date and will continue to answer your questions with real world tests.



## Smart Dust Collector®

International Woodworking Fair award for new product innovation.



WOOD Magazine,  
Issue #188, Dec / Jan. 2008 - 09  
Page 32  
2009 Editor's Choice  
Top New Tools

## Mini-Gorilla™



## 2.5 & 3hp Portable

"Oneida's Portable Cyclonic Dust Collector might just be the perfect dust collector for a small shop..." "And it gets rid of dust like nobody's business."

WOOD Magazine,  
May 2009 - Page 82



East Boston House -  
Episode #2615  
Oneida Vac  
Floor Sanding  
Dust Containment  
System



## Editor's Pick

American Woodworker - Jan. 2006



"Its new Gorilla delivers top performance at a competitive price. Separation in each model is excellent, with only a trace of dust ending up in the filter bin after the cyclone sucked up a barrel-load of shop dust."  
"Very simply, they are fabulous machines at excellent prices."



WOOD Magazine,  
Issue #153, Dec. 2003, Page 98  
Twister Test by Michael Morris,  
Dave Campbell & Jeff Hall

"The Oneida 2 Commercial has the most impressive overall performance of all the cyclones in the test, with the highest peak SCFM readings and the ability to sustain that airflow well above 8" of static pressure. This, plus effective fine-dust filtration and fast, easy clean-out earned this sucker Top Tool honors."



"The Oneida 1.5hp Cyclonic Collector is our Editor's Choice."

American Woodworker,  
2002 Tool Buyer's Guide  
Issue #90, Fall 2001, Page 44,  
How to Buy A Dust Collector,  
by George Vondriska

Prices are listed on enclosed separate sheets.

## New Products for 2011-12!



## Dust Sentry™

Infrared Sensing Bin Level Indicator for Solids or Liquids.

The Oneida Dust Sentry™ with adjustable IST (Infrared Sensing Technology), flashes a strobe light to alert you when the dust in your container reaches your preset level, telling you when it's time to empty the container.



Totally Unique!

## Smart Dust Collector®

Portable Variable Speed Dust Collector



Patent Pending

Additional Smart Collector Awards.

The Smart System has an infinitely variable fan curve that automatically adjusts for maximum air volume and suction for a wide range of tools, hose sizes, and undersized suction ports. For 4 - 6" dust ports, it provides much more air volume and pressure than a standard dust collector. For 3" or smaller dust ports, you get high suction similar to a shop vacuum.



## Smart Pro™ 5hp Dust Collector

Stand-Alone Variable Speed Dust Collector



International Woodworking Fair award for new product innovation.



Festool vacuum not included.

## Dust Deputy® Ultimate

Cyclonic Conversion Kit for Wet / Dry Vacuums.

Clear plastic static dissipating Dust Deputy® with 2" tapered inlet and outlet and 9 gal. plastic box. Collects 99%+ of the waste before it reaches your shop vacuum. Includes plastic dust bag hold-down.

U.S. Pat. #7,282,074  
E.U. Pat. Pend

## 2 & 3hp Dust Gorilla® Portables

Highly portable ultra-high efficiency separation. Separates even sanding dust.





# What Our Customers Say About Oneida's Made in the USA Products...



*I am amazed how much suction the Mini Gorilla has and how much time it takes to find just a small amount of very fine dust in the pleated filter. The cyclone REALLY separates the dust from the air. Working in my shop is now almost dust free. There is no longer very fine dust covering everything in the shop, and I feel better knowing I'm not breathing that fine dust either. Shop cleanup is now actually fun. Thanks for the amazing dust collector!*

R. Conti - March 2009



*Dear Oneida, After many years of garage and basement shops filled with sawdust, I finally came to my senses and built a new shop around my Oneida Cyclonic Dust Collector. I sent a small sketch of my shop to the good design folks for analysis. Inside of a couple of weeks I was shipped everything I needed including detailed instructions. It's*

*been about 2 years now and I still couldn't be happier. One of my best investments I have ever made. I thank you again, and more importantly, my lungs thank you.*

John Sasso - Furniture Maker / Grand Junction, CO.



*I am so impressed it is unreal! The suction that thing has is amazing! The system is extremely good quality and works so well we are all finding it a little hard to believe. We have already filled one 55 gallon drum with fine dust and after checking the pan under the filter, there is virtually no dust!! The cyclone really does separate the dust like they claim!! I think anyone even slightly*

*serious about woodwork needs an Oneida System no questions! A huge thumbs up to Oneida for offering such a great American made product when others only offer imported junk! She is a real thing of beauty and money well spent!*

Roy Mackey - Flamingsteel.com / Vancouver, BC

*"Well Pat, I gotta say, that's an impressive machine."*

Norm Abrams

This Old House - Episode 2615



*"The V-System is completely installed and tested. The results are excellent. The V-System exceeded my expectations!"*

J.L.C. - New York

*"My Oneida cyclone is great! One of the most important tools in my shop. I highly recommend it to everyone who visits my shop. After I show them how little dust there is in the cabinet of my table saw, and how clean the air is, they are always impressed."*

J.C. - Virginia

*"I have a Dust Deputy and a 3hp Gorilla. They are both fantastic machines. Keep up the great innovative designs and superb craftsmanship!"*

R.L. - Maryland

*"It's a fantastic system. I will never regret purchasing it."*

J.C. - Wisconsin

*"Salesmen were very friendly and knowledgeable. I was able to get all of my questions answered prior to buying and without pressure."*

D.J. - Utah

*"This is my second Oneida unit in 15 years. Great customer service."*

G.K. - Illinois



*"I'm very pleased with the performance of the Gorilla. It has met all my expectations and then some. I can't imagine any better dust and chip collection than I get now."*

Bill Arnold

*I just finished over 3 hours of 220 grit sanding on my 6 x 48 and was I surprised to find over a quart of fines in my Dust Deputy. That amount would have surely fouled my Fein filter part way through the project. Upon checking the Fein I found only a few large solids in the bottom of the tub that I picked up when I vacuumed the floor. Nice product--well done.*

C.H. - Illinois

For more unedited testimonials go to:

[www.oneida-air.com](http://www.oneida-air.com) Buy Direct 1.800.732.4065 © 2011

# What Makes a Good Dust Collection System?

## ► A Good Dust Collection System Does These 4 Things:

**1** **Collect Dust at the Source** - This is perhaps one of the most fundamentally important aspects of dust collection. As dust is being generated it must be collected at the source or it will be lost to your shop air where you risk breathing it in. Dust must be entrained into the system at the creating tool and all Oneida Systems collect dust at the source.

**2** **Use Sufficient Air at the Woodworking Machine** - This is essential, because if you don't have sufficient air volume (measured in CFM), wood waste cannot be drawn effectively into the collection system. It is important that each machine that generates dust have the right diameter ductwork and the right volume of air.

**Oneida Air realizes that no two shops are the same. That is precisely why we work with you to choose a custom dust collection system that fits your individual needs.**

**3** **Uses a Cyclone** - A cyclone separates the bulky wood waste from the air stream as it enters the dust collection system.

This is safer because it removes potentially destructive objects before they can enter the fan.

It is also more efficient because airflow won't be restricted by filter clogging and filter cleaning is required only after extended operation.

Finally, a cyclone is effective since it consolidates saw dust into an easy to empty container.

**4** **Filtering the Air Before Exhausting** - This takes care of the hazardous fine dust before it can become airborne and enter your lungs.

**Oneida now uses GE® HEPA (H-12) filter media on most of its filters for the best possible filtration. HEPA rated filters are typically 99.97% efficient @ .3 microns but different ratings for a little more or less efficiency apply.**

Effective filtration requires two things; quality filter media and a sufficient quantity of filter media. If the filter is not HEPA look for the following.

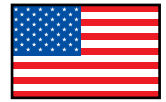
A quality filter material is essential for filtering the flour sized dust material. Oneida recommends you look for the BIA ZH1/487 rating. This internationally recognized test standard tests and evaluates filter media efficiency where an "excellent" rating falls under the 'C' and 'G' categories. This means that over 99% of the test material between 0.2 - 2.0 microns @ 11 FPM face velocity is filtered. This is essential to meet OSHA air quality standards and all Oneida Air Systems filters fall into a 'C'/'G' or HEPA rated category and are ASHRAE rated, and have been independently tested to guarantee the degree of filtration claimed.

What about filter media quantity? Even the best filter media used in an insufficient quantity will result in poor filtration. Oneida Air Systems uses the correct air to cloth ratio to achieve quality filtration.

See page 31 for more information on Oneida Air Systems filter media.

*\*Even with the best filter system, OAS recommends wearing an OSHA approved NIOSH mask. For more information see [www.cdc.gov/niosh](http://www.cdc.gov/niosh)*

## Why Buy an Oneida?



### Invented and Made in the USA

Oneida Air Systems, Inc. was founded in 1993 to bring cost effective state-of-the-art dust collection systems and material handling ductwork to woodworking and solid surface shops. OAS designs and manufactures industrial grade dust collection systems that create a practical, safe and healthy work place environment.

### A Good Dust Collection System

A good dust collector is an engineered system. The impeller, cyclone size, inlets, outlets, amp draw, and filter size all have to work together.

### Technical Support

Dust collection is a science and it doesn't happen by accident. A properly designed system is crucial for optimum dust collection. We have on staff engineers that will answer your questions. E-mail support, telephone support and extensive technical details on our website will ensure that your questions are answered promptly and correctly.

### Motor Quality

We use premium quality U.S. made industrial motors with high heat wiring (Class F) on most systems. The motors have the ability to operate beyond the specified amperage service factor and are serviceable with grease fittings.

### Fan Wheel Design and Quality

Our proprietary designed fan wheels are the most efficient and quietest possible. Our fan wheels are balanced statically and dynamically to ISO G 6.3 specifications (same as air craft turbines)

### Cone & Barrel Construction

Our dust collectors are built to last a lifetime. They are constructed of heavy gauge steel and powder paint coated for protection and good looks.

### Filters

**All of Oneida's filters are ASHRAE tested and the results are posted on our website. ([www.oneida-air.com](http://www.oneida-air.com)) Our filtration numbers are proven by accredited independent, third party labs.**

**Most systems come standard with GE® HEPA (H-12) filter media.**

When Purchasing:

Make sure you look for efficiency tests (ex: ASHRAE) from accredited test labs and beware of claims such as 0.5 microns, 1 micron filter or 99.995% @ 1 micron. Ask for proof of independent testing. If vendors offer no information you can bet that the claims are overstated. A few vendors want you to believe their filtration numbers with no proof or verification. Remember the microscopic particles that you can't see are the most dangerous.

### Sound Levels

Our systems are built with low noise levels in mind. All dust collection systems have patented built in silencers as standard equipment.

See our website ([www.oneida-air.com](http://www.oneida-air.com)) for more details on noise levels.

# System Selection - General Guidelines

	Smart Dust Collector®	Dust Cobra® - Vac / Dust Collector	1 & 1.5hp Mini-Gorilla™ Portable	2 & 3hp Dust Gorilla® Portable	V - Systems™ - 1.5, 2, 3 & 5hp	2hp Super Gorilla®	2.5 & 3hp Super Gorilla®	5hp Super Gorilla®	Smart Pro 5hp Collector™	5hp High Vac™ - CNC Application	7.5hp Direct Drive	10hp and Up	
Portable	X	X	X	X									
Hobbyist	X	X	X	X	X	X	X	X					
Hobbyist / Pro	X	X	X	X	X	X	X	X	X				
Pro 1 - 2 Machines	X				X		X	X	X	X			
Pro 2 - 3 Machines	X								X	X	X		
Pro 3 - 4 Machines									X	X	X	X	Free. Ask OAS for custom sizing.
CNC	X								X	X	X	X	Free. Ask OAS for custom sizing.
4 - 5 Machines												X	Free. Ask OAS for custom sizing.
5 - 10 Machines												X	Free. Ask OAS for custom sizing.
Fiberglass	X	X											Call us.
Metal	X	X											Call us.
Plastic	X	X											Call us.
	All	Budget	Home Hobbyist / Weekend Woodworker			Semi - Professional / Professional			High Pressure CNC	Industrial / Commercial			

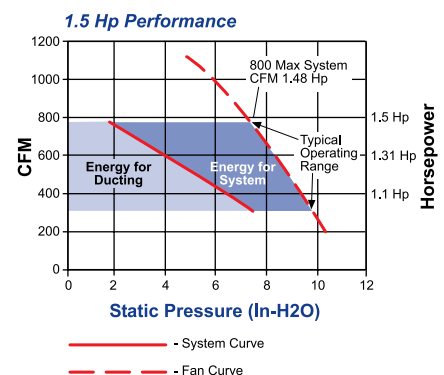
## Not Sure? Ask Us!

Because we specialize only in dust collection, our staff is well equipped to help take the guesswork and confusion out of setting up an efficient system for your shop. Oneida provides extensive pre and post sale support with easy access to our well-trained sales and engineering staff.

## What Is A System Curve?

The real performance of a dust collector is important to how clean your shop will operate. Oneida only offers factually correct performance curves for its' collectors and provides as much data as possible to help you make an informed decision. Oneida publishes both "Fan" and "System" performance curves for its' collectors. What do these mean? Both curves are a comparison of air flow (cubic feet per minute, CFM) to static pressure (inches of water) but they vary greatly in what they represent. A "Fan Curve" tells you what you want to know about a fan so that it can be designed into a complete dust collection system. It is more commonly used when working with stand alone fan blowers which are not built directly into a cyclone. Many other vendors publish the peak CFM from a fan curve in their marketing, even though this value is not attainable once the cyclone, ductwork and filters are in place. A "System Curve" measures performance of a system (usually a cyclone, fan and one or more filters). It is an indication of how the entire collector will perform as a unit. For most small cyclones where the fan, cyclone and filters are all integrated together this is the performance curve that really matters. It tells you how much airflow you can expect at the inlet of the cyclone at various static pressures which correspond to various amounts of ductwork that can be hooked up to the system. System curves show actual performance you can expect in your shop.

Sample Fan & System Curves for a 1.5hp Fan





# Frequently Asked Questions

## **Q. Why should I pay for an Oneida system and components when I can get the other guy's for the same or less?**

When we started Oneida Air Systems we made a commitment to offer you the finest quality dust collection system, superior customer service, and the industries' best warranty, all at a fair price.

We hope our competitor's fancy packaging and hollow claims won't fool you. Most so-called "dust collectors" you see at your local retailer collect wood chips and little else. A large percentage of the finer dust particles, those most harmful to your health, are simply recirculated into the air where they remain suspended for you to breathe.

We're confident that when you look at the facts you'll discover why our patented, award-winning products are the clear choice for your shop.

## **Q. What type of filter media does Oneida use? What is the filtration rating?**

GE® HEPA (H-12) filter media comes standard for most OAS filters. HEPA rated filter media are typically 99.97% efficient @ 0.3 microns but different rating for a little more or less efficiency apply.

## **Q. How do I design ductwork in my shop?**

Oneida will help you. An Oneida technician or engineer will help size a dust collection system and depending on the size collector you purchase, offer either ductwork suggestions or complete your ductwork design.

## **Q. What size dust collector is appropriate for my needs?**

Oneida will suggest a system based on the volume of dust your tools create.

## **Q. Why does the other guy's CFM seem higher than Oneida's?**

What you've noticed is the difference between actual CFM and "free-fan ratings" (without static pressure for ductwork, filters, or hoods). You need to be careful of these "free-fan" CFM ratings given by many manufacturers. Actual fan performance (CFM) in the real world (where there is static pressure) is about half of "free-fan" CFM. For example: If a manufacturer lists a free-fan CFM as 1180 for a 2 HP fan, actual performance is approximately 600 CFM.

All CFM ratings listed by Oneida Air can be expected in an actual operating system with static pressure. System and fan curves are available from OAS and are published on their web site.

## **Q. How can I upgrade my existing collector?**

In some cases, retrofitting is possible. To best help you, we need specific information. Call and speak with an Oneida Air technician today!

## **A Small List of Oneida Air Systems Customers**

Alfred University  
American Woodworker  
Amherst College  
Blue Man Group  
Cape Hatteras National Seashore  
Cargill Salt  
Cornell University  
Corning Inc.  
Dept. of the Army  
Disney Entertainment  
Ethan Allen  
Federal Bureau of Investigation  
General Motors (Saturn Division)  
International Paper  
Iowa State University  
J. Paul Getty Museum  
Longaberger Baskets  
Louisiana Technical College  
Martha Stewart Living  
Martin Marietta  
Masonite Corporation  
Maytag  
Miami University  
National Park Service  
Naval Air Warfare Center  
Navy Surface Warfare Division  
New York University  
Nickelodeon Scene Shop  
Northrup Grumman  
NYS Dept. of Env. Conservation  
NYS Dept. of Transportation  
Rochester Institute of Technology  
Savannah College of Art & Design  
State of Alaska DOT  
SUNY College of Forestry  
Texas A&M University  
Turner Studios - Scenic Services  
University of Denver - Colorado  
U. Mass. - Amherst Fine Arts Center  
UCLA  
UNC Chapel Hill  
University of Virginia  
University of Hawaii  
University of Puget Sound  
University of Rochester  
University of the West Indies  
Washington State University  
Workbench Magazine  
Wrigley





**Patent Pending**  
Appearance May Vary.

Watch our video of the  
Dust Cobra in action at  
[www.oneida-air.com](http://www.oneida-air.com).



**Included Filter Pulse  
Cleaning Bar**

*Cleans your filter  
during operation with  
a few pushes.*



**Included Wall Bracket  
SMS001200**

## Finally, a dust collection solution for portable, table top, and hand power tools with small dust ports.

The Dust Cobra® works for applications where  
dust collectors or shop vacuums don't.

- ▶ 3x the air performance of most shop vacuums.
- ▶ HEPA media 99.97% @ 0.3 microns efficiency.
- ▶ Less than 50 lbs. / no filter bags / runs on 110V.
- ▶ Ultra-high efficiency cyclonic separation - 99%  
before the filter - eliminates filter clogging.



Shown with optional cart.

**Small Dust Port Tools**



**Jobsite**



**Clean-Up**



**Great for floor sanding equipment!**

Go online and watch our video!

## Dust Cobra® with **NEW** Filter Pulse Cleaning technology!

Part #	Description
XCK010000	Dust Cobra® - Standard Motor
XCK010099	Dust Cobra® - Brushless Industrial Motor

### System Performance

- ▶ 90" W/C Max. Suction - 260 CFM Max. Air Flow
- ▶ U.S. Made Motor Voltage: 110V
- ▶ 73 dBA @ 10'

### System Dimensions

- ▶ Height w/ 10 Gallon Drum: Under 62"
- ▶ Footprint: Approx. 24" x 24"
- ▶ Inlet Diameter: Full Welded 2.5" w/ Neutral Vane
- ▶ Powder Coated Paint Finish Over Heavy Gauge Steel

### Filter Media

- ▶ HEPA Media - 99.97% @ 0.3 - 0.5 Microns Efficiency.
- ▶ Uses Standard Cleanstream HEPA Media Filters.

### Dust Bin

- ▶ 10 Gallon Heavy Steel Drum removes and dumps in minutes.

### Included

**New!**

- ▶ Wall Bracket - SMS001200
- ▶ **Filter Pulse Cleaning Bar**
- ▶ 10 Gal. Steel Drum - OEK100301 - Standard
- ▶ 17 Gal. Steel Drum - OEK170301 - Additional Charge
- ▶ 30 Gal. Steel Drum - OEK300301 - Additional Charge  
(30 Gal. - Wall Mount Only)

### Options

- ▶ Cart - STZ000012 - Use with included Wall Bracket
- ▶ 12.5' of 2.5" hose - AXD500000 or 25' of 2.5" hose - VSHRFB250
- ▶ Larger Drums - 17 Gal., 30 Gal.

### Weights

- Shipping Weight Will Vary Based on Dust Drum.
- ▶ Motor Box - 14"x 14"x 14" - 18 lbs.
- ▶ Cyclone Box - 23"x 23"x 38" - 70 lbs. - for Wall Bracket
- ▶ Cyclone Box - 25"x 25"x 47" - 84 lbs. - for Cart

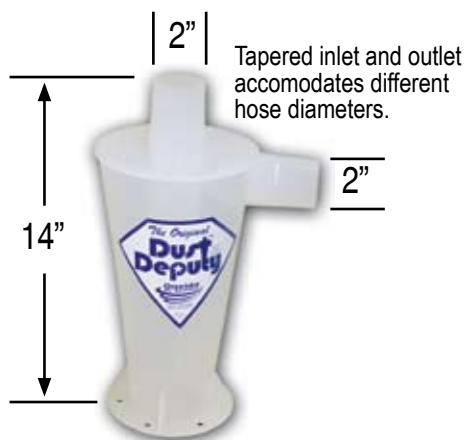
\*Oneida reserves the right to change or modify specs and system appearance without notice.  
Actual system appearance may vary.

# The Original Dust Deputy®

Patented Technology - U.S. Pat. # 7,282,074  
E.U. Patent Pending



No Dust in Vacuum  
Dust in Deputy Barrel



D.I.Y.

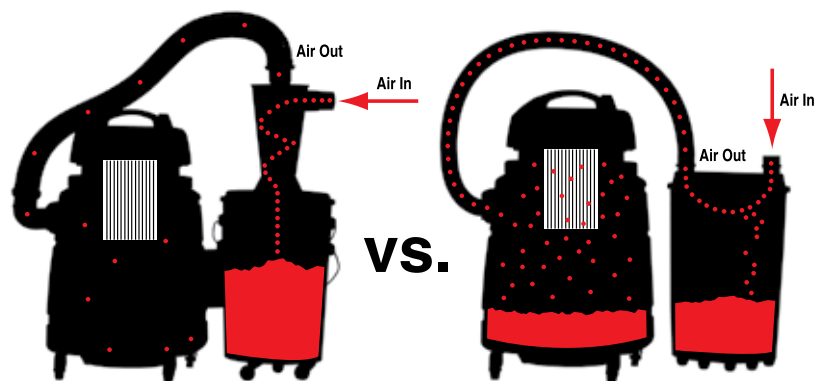
**Build your own cyclonic super vacuum! Go to our website to see examples of single and multiple configurations and ideas.**



Deluxe

## Turn Your Wet / Dry Vac into a Super Cyclonic Vacuum!

**Dust Deputy® Retrofits to Any Wet / Dry Vacuum!**



### High-Efficiency Cyclone Collector

- ▶ High-efficiency cyclone separates 99% of the dust, even fine sanding dust.
- ▶ Very little dust gets to your vacuum.
- ▶ As the dust fills the drum, there is no drop in vacuum suction.

### Lid Separator

- ▶ Weak cyclone effect. Separates mostly the larger dust.
- ▶ Separation occurs because air slows down causing larger particles to drop out, not the fine dust particles.
- ▶ Much of the fine dust passes through to the vacuum filter.
- ▶ As the dust drum fills up, more material goes to your vacuum.

*"HUGE difference with the Dust Deputy. The Dust Deputy caught not only the bigger pieces but virtually all the fine dust too. Prior to the Dust Deputy, I had one of the molded 'cyclone separator' lids. That separator caught maybe 60% of the bigger chunks and about 1% of the fine dust. The rest went into the shop vacuum. The Dust Deputy is like a night and day difference."*

- V.M. woodturners forum.com - web forum

## Dust Deputy® D.I.Y.

Part #	Description
AXD001004	2" Tapered Inlet Clear D-I-Y Plastic Dust Deputy® Cyclone

Box Dimensions - D.I.Y. - 7"x 9"x 15" Wt.- 2 lbs.



Examples of dust drums used for the Dust Deputy® D-I-Y.

## Dust Deputy® Deluxe

Part #	Description
AXD000004	2" Tapered Inlet & Outlet Clear Plastic Dust Deputy® Deluxe Includes: Static Dissipating Plastic Cyclone with 2" inlet / (2) 5 gal. plastic drums / Hose / (3) Casters / Hardware to connect Cyclone to Bucket

Box Dimensions - Deluxe - 13"x 13"x 18" Wt.- 10 lbs.



Patent Pending

**Fully integrates  
to Festool CT  
Dust Extractors**

*With Plastic  
Bag Hold-Down  
Technology.*

Festool vacuum not included.

## Dust Deputy® Ultimate with 9 Gal. Plastic Dust Box

Part #	Description
AXD000009	2" Tapered Inlet & Outlet Clear Plastic Dust Deputy® Deluxe Includes: 9 Gal. Static Dissipating Plastic Dust Box / Hose / Connecting Elbow / Dust Bag Hold-Down
SDS090000	9 Gallon Static Dissipating Plastic Dust Box

**Box Dimensions - Ultimate - 12" x 18.5" x 18" - 20 lbs.**



**Can be used with  
any wet / dry vac.**



**Designed to fit Festool CT  
Dust Extractors.**

**Perfect for Potentially  
Hazardous Waste.**

Dust Deputy®  
D.I.Y. MetalDust Deputy®  
Deluxe Metal

## Dust Deputy® - Industrial Metal

Part #	Description
AXD000002	2" Inlet Dust Deputy® Deluxe - Metal Cyclone & Dust Bin Includes: Heavy duty, powder coated, seam-welded cyclone / 10 gal. powder coated metal drum / Gasket / Lid with clamp ring / Adapter 2" I.D. to 2.5" O.D. / Connector 2.5" I.D. to 2.25" I.D.
AXD001002	2" Inlet D-I-Y Dust Deputy® - Metal Cyclone Includes: Heavy duty, powder coated, seam-welded cyclone / 3 J-Clamps / Gasket

**Box Dimensions - Deluxe - 16"x 16"x 20" Wt.- 20 lbs. / D.I.Y. - 7"x 9"x 15" Wt.- 15 lbs.**

**Can be used for abrasive materials  
such as sand blasting products, etc...**

**Dust Deputy® Super - See Pg. 24**

### Our Customers Say It Best...

*This product works better than I could have ever imagined. It keeps the Vac filter clean and the Vac container is virtually empty. There is a tremendous increase in suction since the filter stays clean. This is one of the best working items I have purchased in a long time. - L. Peebles - FL*

*This is the greatest addition to any shop since duct tape. I have been using the dust deputy for about three weeks now. The bucket is about three-quarters full and not the slightest amount of dust in the shop vac or the filter. I use this system for sanding, bandsaw, mitersaw and mortising. I will be mounting the vac and DD on a single dolly for more convenient portability. Great addition to any shop. - T. Robbins - FL*



Dust Collector, Dust  
Drum and Flex Hose  
Not Included.



The first portable dust collector that *automatically* changes its performance in real-time... constantly adapting to the demands you put on it.

# New! Smart Dust Collector®

Part #	Description
XXS020100	Smart Dust Collector™ - 2hp
XXS030100	Smart Dust Collector™ - 3hp

***Designed to overcome the friction in Flex Hose! High suction for small diameter ports, similar to a shop vacuum!***

<b>System Performance</b>	<ul style="list-style-type: none"> <li>▶ Max. Static Pressure - 24". 2 to 3 times the suction of standard collectors.</li> </ul>
<b>Motor</b>	<ul style="list-style-type: none"> <li>▶ Smart Air Control Technology™</li> <li>▶ 2 / 3hp Motor - 220V Power Supply</li> <li>▶ Made in the USA</li> </ul>
<b>Filter Media</b>	<ul style="list-style-type: none"> <li>▶ GE® HEPA (H-12) Filter Media</li> <li>See spec sheet on website.</li> </ul>
<b>Dust Bin</b>	<ul style="list-style-type: none"> <li>▶ 35 Gallon Heavy Steel Drum with casters removes and dumps in seconds.</li> </ul>
<b>Included</b>	<ul style="list-style-type: none"> <li>▶ New Patent Pending Flame Guard Arrestor</li> <li>▶ Dust Sentry™ - Bin Level Indicator</li> <li>▶ Plastic Bag Hold - Down Liner</li> </ul>

\*Oneida reserves the right to change or modify specs and system appearance without notice. Actual system appearance may vary.

**Actual 2 & 3hp System Performance w/ Flex Hose Connected**

Hose Dia.	Length	2hp Static Pressure (Suction) (In.-H <sub>2</sub> O)	3hp Static Pressure (Suction) (In.-H <sub>2</sub> O)	CFM 2hp	CFM 3hp
6"	10'	7.0	3.0	930	1040
5"	10'	9.5	9.5	725	766
4"	10'	13.5	14.0	525	634
3"	10'	17.0	17.5	410	470
2.5"	10'	20.0*	23.0*	265	385

\* Incredibly high suction



Flashing strobe light tells you when the drum is full.



2hp Smart Collector



2011 Wood Magazine

International Woodworking Fair



For New Product Innovation



2010 HANDY MAGAZINE INNOVATION AWARD

included infrared Dust Sentry bin level indicator with strobe light.

The Oneida Smart Dust Collector® is a unique breakthrough in portable dust collection technology. The Smart Dust System has an infinitely variable fan curve which means that it can automatically adjust and maximize air volume and suction to a wide range of tools, hose sizes, and even undersized suction ports.

For 4 - 6" dust ports, it provides much more air volume and pressure (up to 24" of H<sub>2</sub>O), 2 to 3 times that of a standard dust collector. For woodworking tools with 3" or smaller dust ports, you'll get high suction similar to a shop vacuum. It easily overcomes the high resistance of flex hose applications.

The result is more air at the woodworking tool and much less fugitive dust escaping to the shop air. 99% of the waste is pre-separated with a high efficiency cyclone and clean air is returned to the shop through GE® HEPA (H-12) filter media.

The Smart Collector® is equipped with patent pending Flame Guard Arrestor for added fire safety. It also features a drum overfill sensor with a strobe light, so you know when it's time to empty the drum.



4 - 6" Dia. Ports - High Air Volume

It Changes!

3" and Smaller Ports - High Suction - Up to 24" of H<sub>2</sub>O. Similar to a Shop Vacuum.

**2 to 3 Times Higher Suction Pressure than a Standard Dust Collector.**



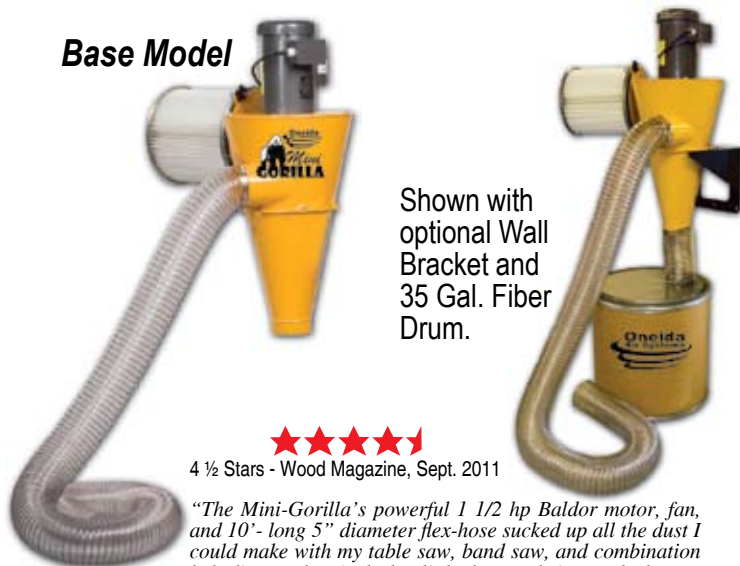
Shown with optional Mobile Stand and 17 Gal. Steel Drum.



U.S. Patent #D604,464

*Buy the Mini-Gorilla with the features you want!*

### Base Model



Shown with optional Wall Bracket and 35 Gal. Fiber Drum.



4 ½ Stars - Wood Magazine, Sept. 2011

*"The Mini-Gorilla's powerful 1 1/2 hp Baldor motor, fan, and 10'-long 5" diameter flex-hose sucked up all the dust I could make with my table saw, band saw, and combination belt/disc sander. And what little dust made it past the heavy-steel cyclonic separator was trapped in the fine-filtering cannister."*

- Bob Barker - Tool Tester

## Cyclonic... Mobile... Affordable

- ▶ True High Efficiency Cyclone with Ultra-Fine Separation. Filter Won't Clog! Separates 99% of the Fine Dust.
- ▶ Industrial Quality - Heavy Duty Construction. Built to Last A Lifetime.
- ▶ Extremely Quiet - 76 dBA
- ▶ Perfect for Lathe and Wood Turning Applications.

# Oneida 1.5hp Mini-Gorilla™

Part #	Description
XXP010100H	1.5hp Industrial Mini-Dust Gorilla™ - Base Model

### Features:

Perfect for one tool at a time. Portable or stationary.

#### System Performance

- ▶ 960 CFM Free Fan Rating.
- ▶ Up to 600 CFM w/ Filter, Actual Working CFM Fan Curve

#### 1.5hp Industrial Integral Fan Blower

Industrial Quality Motor

- ▶ U.S. Made Premium Baldor 1.5hp Motor w/ Grease Fittings
- ▶ TEFC Motor, 1.15 Service Factor
- ▶ Insulation Class F
- ▶ Voltage: 1 Phase, 110 / 230V
- ▶ Amperage: 1 Phase, 16 / 8A
- ▶ Composite / Backward Inclined / Non-Sparking, Non-Ferrous as Required by NFPA Fire Code
- ▶ Includes Motor Starter



#### System Dimensions

- ▶ Inlet Diameter: Full Welded 5" w/ Neutral Vane
- ▶ Powder Coated Paint Finish Over Heavy Gauge Steel
- ▶ Height of Cyclone & Motor - Approx. 39"
- ▶ Width w/ Filter - Approx. 29"

#### Filter Media

- ▶ GE® HEPA (H-12) Filter Media.
- ▶ See spec sheet on website.

#### Sound Level

- ▶ Extremely Quiet - 76 dBA

#### Included

- ▶ 10' of 5" High Grade Industrial Super Flex Hose
- ▶ Remote Control

#### Options

- ▶ Dust Sentry™ - Bin Level Indicator - AXB999110
- ▶ Mobile Stand - STG001600
- ▶ Wall Bracket - SMS001600
- ▶ Various Size and Type Drums

\*Oneida reserves the right to change or modify specs and system appearance without notice. Actual system appearance may vary.

*"I am amazed how much suction the Mini-Gorilla has and how much time it takes to find just a small amount of very fine dust in the pleated filter. Thanks for the amazing dust collector!"*

- R. Conti



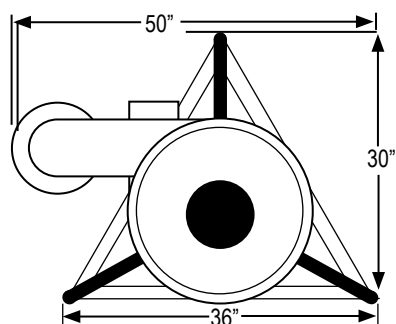
Shown with optional Mobile Stand and 17 Gal. Steel Drum.

# Oneida V - Systems™ 1500 - 5000

Allow 1 - 2" from ceiling.



Dimensions shown w/ 2" flex hose between drum and cone collars.



Optional Wall Bracket  
SMS180000



## ▶ Actual Working CFM - Fan Curve

### Performance: V-1500

6 inch pipe 949 CFM @ 1.8" W/C SP  
5 inch pipe 739 CFM @ 3.5" W/C SP  
4 inch pipe 572 CFM @ 5.3" W/C SP  
3 inch pipe 467 CFM @ 6.3" W/C SP  
0 CFM @ 7.9" W/C SP

### Performance: V-2000

6 inch pipe 1140 CFM @ 2.5" W/C SP  
5 inch pipe 913 CFM @ 4.5" W/C SP  
4 inch pipe 760 CFM @ 6.3" W/C SP  
3 inch pipe 620 CFM @ 8.1" W/C SP  
0 CFM @ 10.5" W/C SP

### Performance: V-3000

6 inch pipe 1285 CFM @ 3" W/C SP  
5 inch pipe 1045 CFM @ 5.4" W/C SP  
4 inch pipe 840 CFM @ 7.4" W/C SP  
3 inch pipe 670 CFM @ 9.2" W/C SP  
0 CFM @ 13.1" W/C SP

### Performance: V-5000

8 inch pipe 1285 CFM @ 1.65" W/C SP  
7 inch pipe 1045 CFM @ 2.95" W/C SP  
6 inch pipe 840 CFM @ 4.05" W/C SP  
5 inch pipe 670 CFM @ 6.9" W/C SP  
0 CFM @ 15" W/C SP

Part #	Description
XXV010139H	V-1500™ - 1.5hp
XXV020139H	V-2000™ - 2hp
XXV030139H	V-3000™ - 3hp
XXV050139H	V-5000™ - 5hp

## System Performance

See actual working CFM - Fan Curves below.

## System Dimensions

- ▶ Ht. w/ 35 Gallon Drum: 84 1/4" (1.5hp) 85" (2hp) 89" (3hp) 90" (5hp)
- ▶ Footprint w/ Ext. Cartridge: 59"x 42"
- ▶ Inlet Dia: 6" / 8" - Powder Coated Paint Finish Over Steel

## Integral Fan Blower

Industrial Quality Motor

- ▶ U.S. Made, Single Phase Premium Quality Motor
- ▶ TEFC Motor, 1.15 SF (1.5 & 2hp) 1.0 SF (3 & 5hp) / Insulation Class F for extra protection and motor life
- ▶ Voltage: 115 - 230 / 230 Amp.: 16/8 (1.5hp) 23/11.5 (2hp) or 13 (3hp) 19.5 (5hp)
- ▶ Cast Aluminum Alloy 356-51 / Backward Inclined / Non-Sparking, Non-Ferrous as Required by NFPA Fire Code / Dynamic, Two-Plane Balanced to ISO 6.3 Specifications. The Same as Aircraft Turbine Rotors.

## Filter Media

- ▶ GE® HEPA (H-12) Filter Media.
- See spec sheet on website.
- ▶ 95 Sq. Ft. of Filter Area

## Sound Level

- ▶ With Standard Silencer & Filter: 73 to 81 dBA @ 10'
- Our Quietest System.**

## Dust Bin

- ▶ 35 Gallon Fiber Drum - ODK350701 Standard
- ▶ 55 Gallon Fiber Drum - ODK550701 - Additional Charge

## Included

- ▶ (3) Stand Legs
- ▶ Filter w/ Internal Silencer
- ▶ FREE D.I.Y. Duct Design Guide
- ▶ Pre-Wired Magnetic Starter - w/ On-Off Switch Preset for Add-On Remote with Amperage Overload Protector (1 Phase)
- ▶ Pat. Pend. Flame Guard Arrestor
- ▶ Filter Grounding Wire

## Options

- ▶ Remote Control - Radio Frequency Line of Sight Not Required.
- ▶ Bag Gripper
- ▶ Wall Bracket - SMS180000
- ▶ Dust Sentry™ - Bin Level Indicator - AXB999110
- ▶ Plastic Bag Hold-Down Liner

## Shipping Weights

Will Vary Slightly Based on System.

- ▶ Box 1 - Motor Assembly - 21"x 21"x 21" - 97 lbs.
- ▶ Box 2 - Cone - 25"x 25"x 40" - 49 lbs.
- ▶ Box 3 - 35 Gal. Drum - 23"x 23"x 28" - 33 lbs.
- ▶ Box 4 - Fan Housing - 31"x 12"x 30" - 37 lbs.
- ▶ Box 5 - Filter - 14"x 14"x 42" - 13 lbs.
- ▶ Box 6 - Legs - 6"x 6"x 51" - 10 lbs.

\*Oneida reserves the right to change or modify specs and system appearance without notice. Actual system appearance may vary.





The **DUST GORILLA** PORTABLE

# New! 2 & 3hp Dust Gorilla® Portable Collector

HEPA  
Filtration and  
Pat. Pend.  
Flame-Guard  
Arrestor.

Part #	Description
XXP990201H	2hp Dust Gorilla® Portable Collector
XXP990301H	3hp Dust Gorilla® Portable Collector

## Features:

High Efficiency Cyclones have Excellent Fine Dust Separation. Perfect for Sanding.

- ▶ *Drum Can Be Lined with Plastic Bags using optional Bag Hold-Down.*
- ▶ *Easy Assembly.*
- ▶ *Highly Portable, Rolls Anywhere.*
- ▶ *Requires No Ductwork. Uses Flex Hose Instead.*
- ▶ *Ultra-High Efficiency Cyclones.*
- ▶ *Dust Sentry™ - Strobe Light infrared drum level indicator.*
- ▶ *Filter Flame-Guard Arrestor.*

## System Performance

- ▶ (2hp) 1400 CFM (3hp) 1640 CFM - Free Fan Rating
- ▶ 1000+ CFM w/ Filter - Actual Working CFM - Fan Curve

## System Dimensions

- ▶ Height: 77" / Footprint: 48" x 26"
- ▶ Inlet Diameter: Welded 6"
- ▶ Powder Coated Paint Finish Over Heavy Gauge Steel

## Integral Fan Blower Industrial Quality Motor

- ▶ Premium U.S. Made 2 or 3hp Motor
- ▶ TEFC Motor, 1.15 Service Factor
- ▶ Insulation Class F
- ▶ Voltage: 208 - 230V (2.5hp) or 115 - 230V (3hp)
- ▶ Amperage: 11.5 / 10.9A (2.5hp) or 29 / 14.5A (3hp)
- ▶ Cast Aluminum Alloy 356-51 / Backward Inclined /
- ▶ Non-Sparking, Non-Ferrous as Required by NFPA Fire Code / Dynamic, Two-Plane Balanced to ISO 6.3 Specifications. The Same as Aircraft Turbine Rotors.

## Filter Media

- ▶ GE® HEPA (H-12) Filter Media.
- ▶ See spec sheet on website.
- ▶ 80 Sq. Ft. Filter Area.

## Sound Level

- ▶ With Standard Silencer & Filter: 75 - 79 dBA @ 10'

## Dust Bin

- ▶ 35 Gallon Heavy Steel Drums with casters.
- ▶ Drops down for easy removal and dumps in seconds.

## Included

- ▶ Mobile Stand
- ▶ Remote Starter - Radio Frequency
- ▶ Patent Pending Flame-Guard Arrestor
- ▶ Dust Sentry™ - Bin Level Indicator
- ▶ Internal Silencer

## Options

- ▶ Dust drum plastic bag hold-down.

## Shipping Weight

- ▶ 40"x 48" Pallet - 275 to 300 lbs.



2010  
**HANDY**  
MAGAZINE  
INNOVATION  
AWARD

*included infrared  
Dust Sentry bin  
level indicator with  
strobe light.*

## Optional Plastic Bag Hold-Down

The new Oneida Air Systems 2 & 3hp Dust Gorilla Portable™ dust collector offers you power and mobility at an economical price.

Included with this collector are:

- Patent pending Dust Sentry™, an infrared bin level indicator that signals you with a flashing strobe light when the 35 gal. dust drum should be emptied without having to take the drum lid off and visually checking the waste level.

- Patent pending filter Flame Guard Arrestor for additional safety.

- Internal silencer to help make our systems some of the quietest on the market.

- GE® HEPA (H-12) filter media to make our filters the best you can possibly use.

And of course, Oneida quality comes standard with every made in America dust collection system we produce.

\*Oneida reserves the right to change or modify specs and system appearance without notice. Actual system appearance may vary.

[www.oneida-air.com](http://www.oneida-air.com) Buy Direct 1.800.732.4065 © 2011



## Editor's Pick

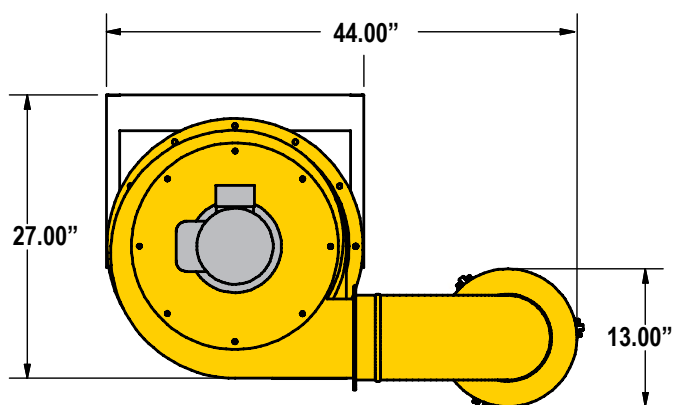
American Woodworker - Jan. 2006

"Its new Gorilla line delivers top performance at a competitive price."

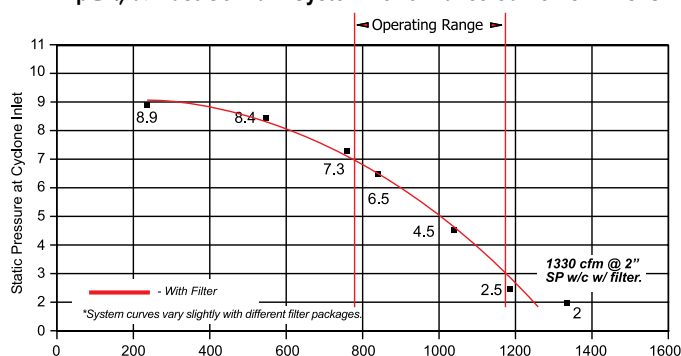
"Very simply, they are fabulous machines at excellent prices."

Patented Internal Silencer  
Outlet can be rotated independent of the inlet  
Shown with Optional Stand.

Patent Pending



2hp Super Dust Gorilla™ System Performance Curve - CFM vs. SP\*



\*Oneida reserves the right to change or modify specs and system appearance without notice. Actual system appearance may vary.

# Oneida 2hp Super Gorilla®

Part #	Description
XGK020105H	2hp Super Dust Gorilla® 1 Phase

**Features:** Perfect for one tool at a time.

### System Performance

- ▶ 2158 CFM - Free Fan Rating
- ▶ 1349 cfm @ 2.3" SP w/ Filter
- Actual Working CFM - Fan Curve

### System Dimensions

- ▶ Ht. w/ 35 Gal. Drum: 92" Ftprnt. w/ Ext. Cart.: 27"x 44"
- ▶ Inlet Diameter: Full Welded 7" w/ Neutral Vane
- ▶ Outlet: Rectangle (Square to Round Adapter Available)
- ▶ Powder Coated Paint Over Heavy Gauge Steel / Cyclone and Fan Blower
- ▶ Weather-Proof Cyclone and Fan Blower
- ▶ Seam-Welded Cyclone Body

### Integral Fan Blower

Industrial Quality Motor

- ▶ U.S. Made Baldor / 2 Horsepower Single Phase
- ▶ TEFC Motor, 1.15 Service Factor
- ▶ Insulation Class F
- ▶ Voltage: 115 - 230V Amperage: 23 / 11.5A
- ▶ Cast Aluminum Alloy 356-51 / Backward Inclined / Non-Sparking, Non-Ferrous as Required by NFPA Fire Code / Dynamic, Two-Plane Balanced to ISO 6.3 Specifications. The Same as Aircraft Turbine Rotors.

**BALDOR**  
MOTORS • DRIVES • GENERATORS

### Filter Media

- ▶ GE® HEPA (H-12) Filter Media.
- See spec sheet on website.
- ▶ 95 Sq. Ft. Filter Area.

### Sound Level

- ▶ With Standard Silencer & Filter: 75 - 78 dBA @ 10'

### Dust Bin

- ▶ 35 Gallon Fiber Drum. Other Sizes & Types Available.

### Included

- ▶ 2 Yr. Warranty
- ▶ Heavy Duty One Piece Wall Bracket
- ▶ Internal Silencer - Pat. Pend.
- ▶ Magnetic Starter - w/ On-Off Switch Preset for Add-On Remote with Amperage Overload Protector (1 Phase)
- ▶ FREE D.I.Y. Duct Design Guide
- ▶ Pat. Pend. Flame Guard Arrestor
- ▶ Filter Grounding Wire

### Options

- ▶ Filter Efficiency Gauge
- ▶ Stand for Free Standing Unit
- ▶ 55 Gal. Steel or Fiber Drums
- ▶ Bag Gripper, Plastic Bag Hold-Down System
- ▶ Remote Starter - Radio Frequency
- ▶ Dust Sentry™ - Bin Level Indicator
- ▶ Plastic Bag Hold-Down Liner

### Shipping Weights

- ▶ Box 1 - Motor - 21"x 21"x 20" - 85 lbs.
- ▶ Box 2 - Cone - 27"x 27"x 34" - 32 lbs.
- ▶ Box 3 - Barrel - 27"x 27"x 18" - 56 lbs.
- ▶ Box 4 - Fan Housing - 31"x 11"x 29" - 31 lbs.
- ▶ Box 5 - 35 Gal. Drum - 23"x 23"x 28" - 33 lbs.
- ▶ Box 6 - Plenum - 29"x 14"x 20" - 22 lbs.
- ▶ Box 7 - Filter - 15"x 15"x 28" - 12 lbs.
- ▶ Box 8 - Stand (2) - 7.5"x 2.5"x 67.5" 30 lbs / 10"x 7"x 7" 10 lbs.



Capacitor run motor uses less electricity.

### Features:

- ▶ 110 Sq. Ft. Filter Area
- ▶ 2 - Year Warranty
- ▶ Perfect for two tools

# Oneida 2.5hp Super Gorilla®

2.5hp Super Gorilla®

Part #	Description
XGK025105H	2.5hp Super Dust Gorilla® 1 Phase

### System Performance

- ▶ 2304 CFM - Free Fan Rating
- ▶ 1440 cfm @ 2.3" SP w/ Filter Actual Working CFM - Fan Curve

### System Dimensions

- ▶ Ht. w/ 35 Gal. Drum: 92" Ftprnt w/ Ext. Cart.: 27" x 53"
- ▶ Inlet Diameter: Full Welded 7" w/ Neutral Vane
- ▶ Outlet: Rectangle (Square to Round Adapter Available)
- ▶ Powder Coated Paint Over Heavy Gauge Steel / Cyclone and Fan Blower
- ▶ Weather-Proof Cyclone and Fan Blower
- ▶ Seam-Welded Cyclone Body

### Integral Fan Blower Industrial Quality Motor

- ▶ U.S. Made Baldor / 2.5 HP Single Phase
- ▶ TEFC Motor, 1.15 Service Factor
- ▶ Insulation Class F
- ▶ Voltage: 208 - 230V Amperage: 11.5 / 10.9A
- ▶ Cast Aluminum Alloy 356-51 / Backward Inclined / Non-Sparking, Non-Ferrous as Required by NFPA Fire Code / Dynamic, Two-Plane Balanced to ISO 6.3 Specifications. The Same as Aircraft Turbine Rotors.



### Filter Media

- ▶ GE® HEPA (H-12) Filter Media. See spec sheet on website.
- ▶ 110 Sq. Ft. Filter Area.

### Sound Level

- ▶ With Standard Silencer & Filter: 79 - 81 dBA @ 10'

### Dust Bin

- ▶ 35 Gallon Fiber Drum. Other Sizes & Types Available.

### Included

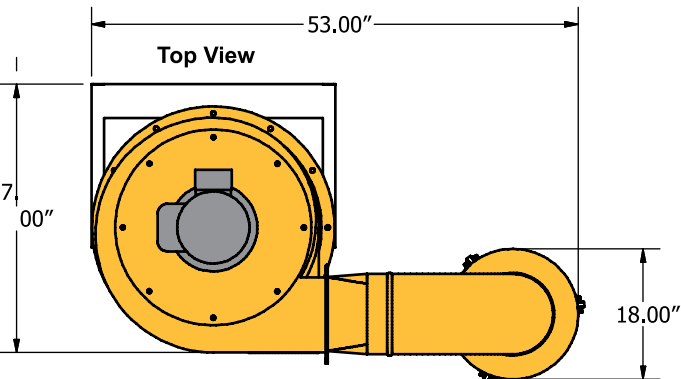
- ▶ 2 Yr. Warranty
- ▶ Heavy Duty One Piece Wall Bracket
- ▶ Internal Silencer - Pat. Pend.
- ▶ Magnetic Starter - w/ On-Off Switch Preset for Add-On Remote with Amperage Overload Protector (1 Phase)
- ▶ FREE D.I.Y. Duct Design Guide
- ▶ Pat. Pend. Flame Guard Arrestor
- ▶ Filter Grounding Wire

### Options

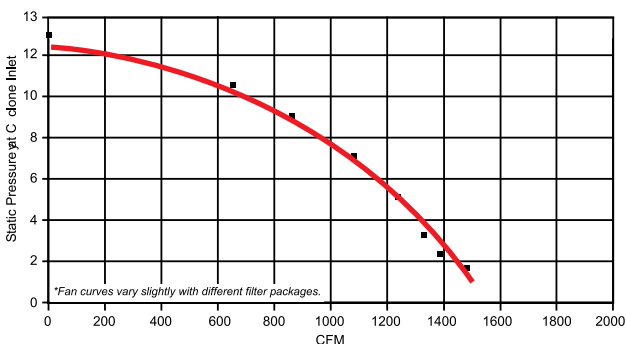
- ▶ Filter Efficiency Gauge
- ▶ Stand for Free Standing Unit
- ▶ 55 Gal. Steel or Fiber Drums
- ▶ Bag Gripper or Plastic Bag Hold-Down Liner
- ▶ Remote Starter - Radio Frequency
- ▶ Dust Sentry™ - Bin Level Indicator

### Shipping Weights

- ▶ Box 1 - Motor - 21"x 21"x 20" - 85 lbs.
- ▶ Box 2 - Cone - 27"x 27"x 34" - 39 lbs.
- ▶ Box 3 - Barrel - 27"x 27"x 18" - 56 lbs.
- ▶ Box 4 - Fan Housing - 31"x 12"x 30" - 31 lbs.
- ▶ Box 5 - 35 Gal. Drum & Wall Bracket - 23"x 23"x 27" - 45 lbs.
- ▶ Box 6 - Plenum & Dust Bin - 31"x 21"x 20" - 34 lbs.
- ▶ Box 7 - Filter - 19"x 19"x 42" - 20 lbs.
- ▶ Box 8 - Stand (2) - 7.5"x 2.5"x 67.5" - 30 lbs. / 10"x 7"x 7" - 10 lbs.



2.5hp Super Dust Gorilla™ System Performance Curve - CFM vs. SP\*



\*Oneida reserves the right to change or modify specs and system appearance without notice. Actual system appearance may vary.



## Editor's Pick

American Woodworker - Jan. 2006

"Its new Gorilla line delivers top performance at a competitive price."

"Very simply, they are fabulous machines at excellent prices."



HEPA Filtration and Pat. Pend. Flame-Guard Arrestor.

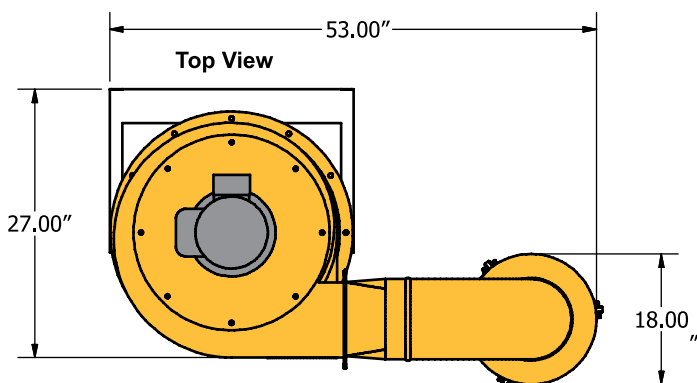
Patent Pending

### Features:

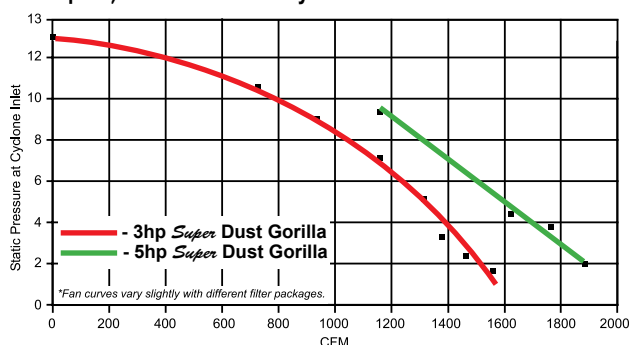
- ▶ 110 Sq. Ft. Filter Area
- ▶ 2 - Year Warranty
- ▶ Perfect for two to three tools



Patented Internal Silencer Outlet can be rotated independent of the inlet



3 & 5hp Super Dust Gorilla™ System Performance Curve - CFM vs. SP\*



\*Oneida reserves the right to change or modify specs and system appearance without notice. Actual system appearance may vary.

# Oneida 3 & 5hp Super Gorilla®

Part #	Description
XGK030105H	3hp Super Dust Gorilla® 1 Phase
XGK050105H	5hp Super Dust Gorilla® 1 Phase

### System Performance

- ▶ (3hp) 2331 CFM / (5hp) 2976 CFM - Free Fan Rating
- ▶ (3hp) 1554 CFM @ 1.8" SP w/ Filter - Actual Working CFM
- ▶ (5hp) 1860 CFM @ 2.5" SP w/ Filter - Fan Curves

### System Dimensions

- ▶ Ht. w/ 35 Gal. Drum: (3hp) 94" / (5hp) 97.5"
- ▶ Footprint w/ Ext. Cart.: 27" x 53"
- ▶ Inlet Diameter: Full Welded 8" w/ Neutral Vane
- ▶ Outlet: Rectangle (Square to Round Adapter Available)
- ▶ Powder Coated Paint Over Heavy Gauge Steel / Cyclone and Fan Blower
- ▶ Weather-Proof Cyclone and Fan Blower
- ▶ Seam-Welded Cyclone Body

### Integral Fan Blower

Industrial Quality Motor

- ▶ U.S. Made Baldor / 3hp 1 Phase - 5hp 1 Phase
- ▶ TEFC Motor, 1.15 Service Factor
- ▶ Insulation Class F
- ▶ Voltage: (3hp) 115 - 230V Amp: 29 / 14.5A
- ▶ (5hp) 230V Amp: 19.5A
- ▶ Cast Aluminum Alloy 356-51 / Backward Inclined / Non-Sparking, Non-Ferrous as Required by NFPA Fire Code / Dynamic, Two-Plane Balanced to ISO 6.3 Specifications. The Same as Aircraft Turbine Rotors.



### Filter Media

- ▶ GE® HEPA (H-12) Filter Media. See spec sheet on website.
- ▶ 110 Sq. Ft. Filter Area.

### Sound Level

- ▶ With Standard Silencer & Filter: 79 - 82 dBA @ 10'

### Dust Bin

- ▶ 35 Gallon Fiber Drum. Other Sizes & Types Available.

### Included

- ▶ 2 Yr. Warranty & Heavy Duty One Piece Wall Bracket
- ▶ Pat. Pend. Flame Guard Arrestor
- ▶ Internal Silencer - Pat. Pend.
- ▶ Magnetic Starter - w/ On-Off Switch Preset for Add-On Remote with Amperage Overload Protector (1 Phase)
- ▶ Pat. Pend Flame Guard Arrestor
- ▶ Filter Grounding Wire

### Options

- ▶ Filter Efficiency Gauge
- ▶ Stand for Free Standing Unit
- ▶ 55 Gal. Steel or Fiber Drums
- ▶ Bag Gripper or Plastic Bag Hold-Down Liner
- ▶ Remote Starter - Radio Frequency
- ▶ Dust Sentry™ - Bin Level Indicator

### Shipping Weights

- ▶ Box 1 - Motor - 21"x 21"x 20" - 107 lbs.
- ▶ Box 2 - Cone - 27"x 27"x 34" - 39 lbs.
- ▶ Box 3 - Barrel - 27"x 27"x 18" - 56 lbs.
- ▶ Box 4 - Fan Housing - 31"x 12"x 30" - 31 lbs.
- ▶ Box 5 - 35 Gal. Drum & Wall Bracket - 23"x 23"x 27" - 45 lbs.
- ▶ Box 6 - Plenum & Dust Bin - 31"x 21"x 20" - 34 lbs.
- ▶ Box 7 - Filter - 19"x 19"x 42" - 20 lbs.
- ▶ Box 8 - Stand (2) - 7.5"x 2.5"x 67.5" - 30 lbs. / 10"x 7"x 7" - 10 lbs.

## Top of the Line



**BALDOR**  
MOTORS • DRIVES • GENERATORS

### Features:

- ▶ Smart Air Control Technology™ for Professional Shops
- ▶ HEPA Filter
- ▶ Flame Guard Arrestor
- ▶ Dust Sentry™ Bin Level Sensor

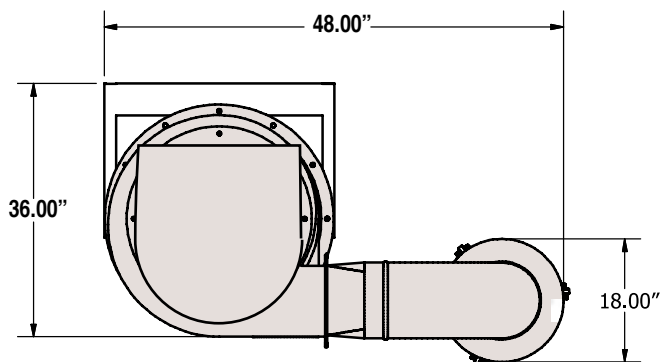
Patented Internal Silencer  
Outlet can be rotated independent of the inlet  
Shown with Optional Stand.

HEPA Filtration and Pat. Pend. Flame-Guard Arrestor.

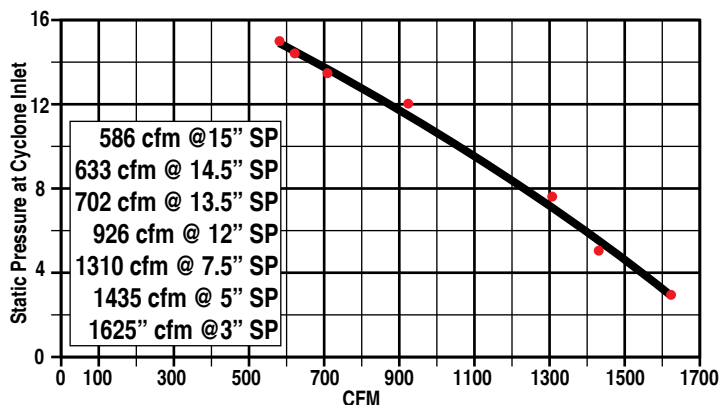
2010  
**HANDY**  
MAGAZINE  
INNOVATION  
AWARD

included infrared  
Dust Sentry bin  
level indicator with  
strobe light.

Patent Pending



Pro Smart™ Collector System Performance Curve - CFM vs. SP\*



\*Oneida reserves the right to change or modify specs and system appearance without notice. Actual system appearance may vary.

# Smart Pro™ 5hp

Part #	Description
XXS200001	Smart Pro™ (5hp) Dust Collector - 1 Ph.

The **Oneida Smart Pro™ Dust Collector** is a unique breakthrough in dust collection technology. The Smart System has an infinitely variable fan curve which means that it can automatically adjust and maximize air volume and suction to a wide range of tools, hose sizes, and even undersized suction ports. It provides 2 to 3 times more air volume and suction than a standard dust collector.

### System Performance

- ▶ 1625 CFM Actual Working CFM - Fan Curves - See below.

### System Dimensions

- ▶ Ht. w/ 35 Gal. Drum: 91" Wall Mount, 103" w/ 55 Gal. Drum
- ▶ Footprint w/ Ext. Cart.: 36" x 48"
- ▶ Inlet Diameter: Full Welded 7" w/ Neutral Vane
- ▶ Powder Coated Paint Finish Over Heavy Gauge Steel
- ▶ Seam-Welded Cyclone

### Integral Fan Blower

Industrial  
Quality  
Motor

- ▶ U.S. Made Baldor - 5hp w/ Smart Air Controller™
- ▶ TEFC Motor, 1.15 Service Factor
- ▶ Voltage: 208-230V Single Phase
- ▶ Amperage: 20A (Normally requires a 30A circuit)
- ▶ Cast Aluminum Alloy 356-51 / Backward Inclined / Non-Sparking, Non-Ferrous as Required by NFPA Fire Code / Dynamic, Two-Plane Balanced to ISO 6.3 Specifications. The Same as Aircraft Turbine Rotors.

### Filter Media

- ▶ GE® HEPA (H-12) Filter Media See spec sheet on website.
- ▶ 110 Sq. Ft. Filter Area.
- ▶ Pat. Pend. Flame Guard Arrestor

### Sound Level

- ▶ With Standard Silencer & Filter: 80 - 82 dBA @ 10'

### Dust Bin

- ▶ 35 Gallon Steel Drum. Other Sizes & Types Available.

### Included

- ▶ Smart Air Control Technology™
- ▶ Patented Internal Silencer
- ▶ FREE D.I.Y. Duct Design Guide
- ▶ Remote Starter
- ▶ Pat. Pend. Flame Guard Arrestor
- ▶ Filter Grounding Wire
- ▶ Dust Sentry™ - Bin Level Indicator

### Options

- ▶ Stand for Free Standing Unit
- ▶ 35 or 55 Gal. Steel Drum
- ▶ Drum Liner Plastic Bag Hold-Down System
- ▶ Heavy Duty One-Piece Wall Bracket

### Shipping Weights

- ▶ Motor Assembly - Not Boxed - 131 lbs.
- ▶ Cone - Not Boxed - 21 lbs.
- ▶ Barrel - Not Boxed - 54 lbs.
- ▶ 35 Gal. Drum & Wall Bracket Box - 23"x 23"x 27" - 45 lbs.
- ▶ Plenum & Dust Bin Box - 21"x 38"x 30" - 34 lbs.
- ▶ Filter Box - 19"x 19"x 42" - 20 lbs.
- ▶ Stand Box (2) - 7.5"x 2.5"x 67.5" - 30 lbs. / 10"x 7"x 7" - 10 lbs.



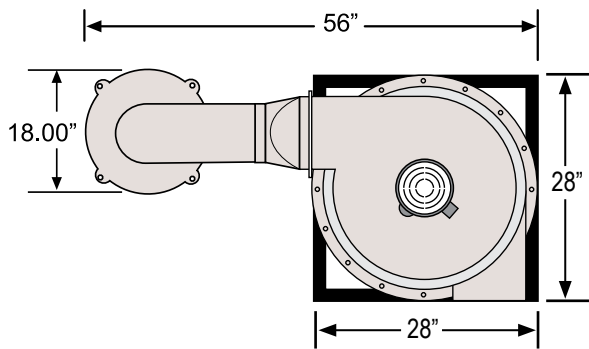
For High Pressure Applications. CNC Machines Need More Static Pressure for Effective Cleaning of Cutter Heads.



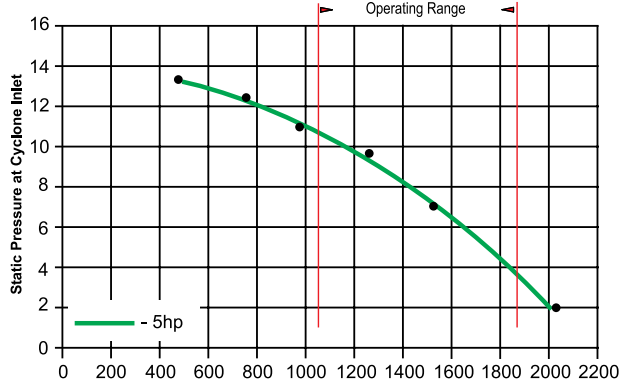
HEPA Filter Media Option Available

**Patent Pending**  
Patented Internal Silencer  
Outlet can be rotated independent of the inlet

**Recommended By:**  
**THERMWOOD** Manufacturers of CNC Equipment



5hp High Vacuum™ System Performance Curve - CFM vs. SP\*



# 5hp High Vacuum™

Part #	Description
XXK050133	5hp High Vacuum™ Dust Collector - 1 Phase
XXK050333	5hp High Vacuum™ Dust Collector - 3 Phase

## Specifically Designed for CNC Machines

**System Performance**

- ▶ (5hp) 3225 CFM Free Fan Rating
- ▶ 2150 CFM @ 2" SP w/ Filter - Actual Working CFM - Fan Curve

**System Dimensions**

- ▶ Ht. w/ 55 Gal. Drum: 108"
- ▶ Footprint w/ Ext. Cart.: 34" x 56"
- ▶ Inlet Diameter: Full Welded 8" w/ Neutral Vane
- ▶ Outlet: Rectangle (Square to Round Adapter Available)
- ▶ Powder Coated Paint Finish Over Heavy Gauge Steel
- ▶ Weather-Proof Cyclone and Fan Blower
- ▶ Seam-Welded Cyclone Body

**Integral Fan Blower**  
Industrial Quality Motor

- ▶ 5hp U.S. Made Baldor
- ▶ TEFC Motor, 1.15 Service Factor Insulation Class F
- ▶ Voltage: (5hp) 230 or 208-230/460V
- ▶ Amperage: 19.5 or 13.2-12/6A
- ▶ Cast Aluminum Alloy 356-51 / Backward Inclined / Non-Sparking, Non-Ferrous as Required by NFPA Fire Code / Dynamic, Two-Plane Balanced to ISO 6.3 Specifications. The Same as Aircraft Turbine Rotors.

**Filter Media**  
ASHRAE Tested

- ▶ 130 Sq. Ft. High Efficiency Axtar Spun-Bonded Media
- ▶ Teflon-Like Coating to Facilitate Dust Cake Release
- ▶ Filter Media Captures 99.9% of Test Material from 0.2 - 2 Microns @ 11 FPM / Accredited, Independent Lab Tested

**Sound Level**

- ▶ With Standard Silencer & Filter: 80 - 84 dBA @ 10'

**Dust Bin**

- ▶ 55 Gallon Steel Drum. Other Sizes & Types Available.

**Included**

- ▶ Heavy Duty Stand
- ▶ Magnetic Starter - w/ On-Off Switch Preset for Add-On Remote with Amperage Overload Protector (1 Phase)
- ▶ Filter Efficiency Gauge
- ▶ 2 Yr. Warranty / Patented Internal Silencer

**Options**

- ▶ Hoppers / Multiple Drums
- ▶ Bag Gripper, Plastic Bag Hold-Down System
- ▶ Remote Starter - Radio Frequency
- ▶ Bin Level Indicators
- ▶ Airlocks
- ▶ HEPA Media - 99.97% @ 0.3 - 0.5 Microns Efficiency

**Shipping Weights**

- ▶ Box 1 - Motor - 21"x 21"x 20" - 107 lbs.
- ▶ Box 2 - Cone - 27"x 27"x 34" - 39 lbs.
- ▶ Box 3 - 27"x 27"x 18" - 56 lbs.
- ▶ Box 4 - Fan Housing - 31"x 11"x 29" - 50 lbs.
- ▶ Box 5 - 55 Gal. Drum - 23"x 23"x 38" - 27 lbs.
- ▶ Box 6 - Plenum & Dust Bin - 31"x 21"x 20" - 34 lbs.
- ▶ Box 7 - Filter - 20"x 20"x 66" - 49 lbs.
- ▶ Box 8 - Stand (2) - 7.5"x 2.5"x 67.5" - 30 lbs. / 10"x 7"x 7" - 10 lbs.

\*Oneida reserves the right to change or modify specs and system appearance without notice. Actual system appearance may vary.



**New!**  
**Compact  
Design**

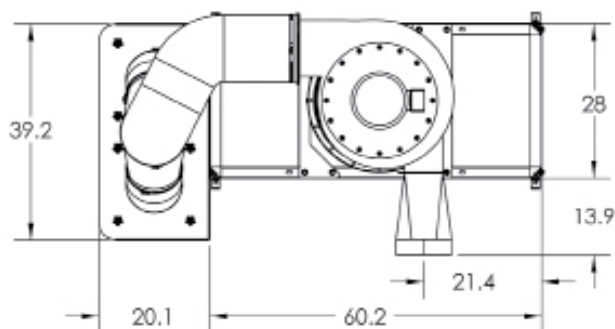
# 7.5hp Direct Drive

Patented  
Internal  
Silencers

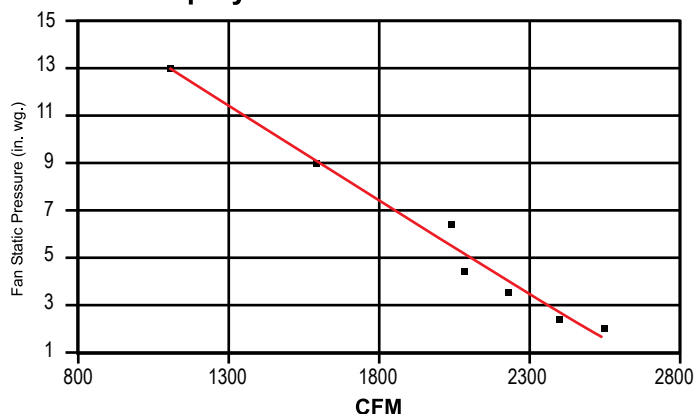
HEPA Filter  
Media Option  
Available



Patent  
Pending



**7.5hp System Performance Curve**



\*Oneida reserves the right to change or modify specs and system appearance without notice. Actual system appearance may vary.

Part #	Description
XXK070323	7.5hp 3 Phase Direct Drive Dust Collector

## Features:

- ▶ Compact Footprint / High Airflow
- ▶ 260 Sq. Ft. Filter Area / Included Internal Silencers
- ▶ Multiple Dust Drums & Hopper Options Available
- ▶ Optional Small Airlock Available

## System Performance

- ▶ 4080 CFM - Free Fan Rating
- ▶ 2514 CFM @ 1.5" S.P. w/ Filters - Actual Working CFM - Fan Curve

## System Dimensions

- ▶ Ht. w/ 55 Gallon Drum: 130" w/ Ext. Cartridge: 36" W x 80.3" L
- ▶ Inlet Diameter: Welded 10" w/ Neutral Vane
- ▶ Powder Coated Paint Finish Over Heavy Gauge Steel
- ▶ Weather-Proof Cyclone and Fan Blower
- ▶ Seam-Welded Construction

## Integral Fan Blower

Industrial  
Quality  
Motor

- ▶ U.S. Made Baldor 7.5hp Three Phase
- ▶ TEFC Motor, 1.0 Service Factor - Insulation Class F
- ▶ Voltage: 208-230/460V
- ▶ Amperage: 19 - 17.2/8.6A
- ▶ Cast Aluminum Alloy 356-51 / Backward Inclined /
- ▶ Non-Sparking, Non-Ferrous as Required by NFPA
- ▶ Fire Code / Dynamic, Two-Plane Balanced to ISO 6.3 Specifications. The Same as Aircraft Turbine Rotors.

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## Filter Media

ASHRAE  
Tested

- ▶ 260 Sq. Ft. High Efficiency Axtar Spun-Bonded Media
- ▶ Teflon-Like Coating to Facilitate Dust Cake Release
- ▶ Filter Media Captures 99.9% of Test Material from 0.2 - 2 Microns @ 11 FPM / Accredited, Independent Lab Tested

## Sound Level

- ▶ With Standard Silencer & Filter: 83 dBA @ 10'

## Dust Bin

- ▶ 55 Gallon Fiber Drum. Other Sizes & Types Available.

## Included

- ▶ 2 Yr. Warranty
- ▶ Heavy Duty Angle Iron Stand
- ▶ Patented Internal Silencer
- ▶ Filter Efficiency Kit
- ▶ 55 Gal. Steel Drum

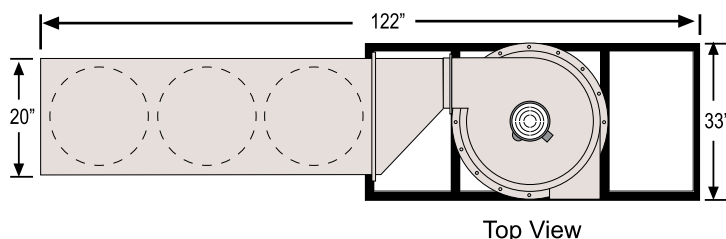
## Options

- ▶ Magnetic Starter
- ▶ Bag Gripper, Plastic Bag Hold-Down System
- ▶ Hoppers / Multiple Dust Drums / Airlocks
- ▶ HEPA Media - 99.97% @ 0.3 - 0.5 Microns Efficiency
- ▶ Bin Level Indicators

## Weights

Actual System  
Weight w/ Stand &  
Packing Material -  
890 lbs.

- ▶ Blower Unit - Not Boxed - 151 lbs.
- ▶ Cyclone Barrel - Not Boxed - 145 lbs.
- ▶ Cyclone Cone - Not Boxed - 55 lbs.
- ▶ Plenum Assembly - 80 lbs.
- ▶ Filter Cart. 20" x 20" x 63" (2) - 49 lbs. ea.
- ▶ 55 Gal. Steel Drum - 23" x 23" x 38" - 37 lbs.
- ▶ Support Structure - 215 lbs.

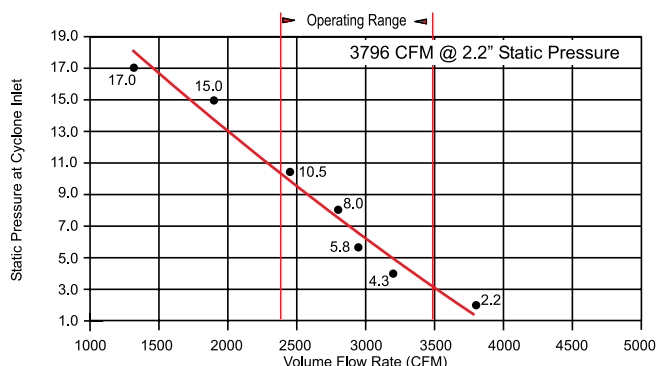


#### Optional 3/4hp Airlock - Pg. 26

Air-Loc's maintain a continuous vacuum at the bottom of the cyclone, eliminating the need for an air tight seal between the cyclone and the dust bin. Once an Air-Loc is installed, the wood waste continuously drops straight down.

Shown with Rectangular to round adapter sold separately.

10hp Direct Drive System Performance Curve - CFM vs. SP\*



\*Oneida reserves the right to change or modify specs and system appearance without notice. Actual system appearance may vary.

# 10hp Direct Drive

Part #	Description
XXK100300	10hp Direct Drive Dust Collector

## Features:

- ▶ Perfect for CNC Equipment / High Suction
- ▶ Compact / Small Footprint
- ▶ Airlock and Hopper Options Available
- ▶ 390 Sq. Ft. Filter Area / Filters can be Located in Separate Area from Cyclone and Fan Motor

## System Performance

- ▶ 3800 cfm @ 2.3" SP

## System Dimensions

- ▶ Height w/ 55 Gallon Drum: 135"
- ▶ Footprint w/ Ext. Cartridge: 33" x 122"
- ▶ Inlet Rectangle to 12" dia.: Welded w/ Neutral Vane
- ▶ Outlet: Rectangle (Square to Round Adapter Available)
- ▶ Powder Coated Paint Finish Over Heavy Gauge Steel
- ▶ Weather-Proof Cyclone and Fan Blower
- ▶ Seam-Welded Construction

## Integral Fan Blower

Industrial Quality Motor

- ▶ 10hp 3 Phase U.S. Made Baldor
- ▶ TEFC Motor, 1.15 Service Factor
- ▶ Insulation Class F
- ▶ Voltage: 208 - 230/460V
- ▶ Amperage: 26.2 - 23.8 / 11.9A
- ▶ Welded carbon steel / Backward Inclined / Dynamic, Two-Plane Balanced to ISO 6.3 Specifications. The Same as Aircraft Turbine Rotors.



## Filter Media

ASHRAE Tested

- ▶ 390 Sq. Ft. High Efficiency Axtar Spun-Bonded Media
- ▶ Teflon-Like Coating to Facilitate Dust Cake Release
- ▶ Filter Media Captures 99.9% of Test Material from 0.2 - 2 Microns @ 11 FPM / Accredited, Independent Lab Tested

## Sound Level

- ▶ With Standard Silencer & Filter: 85 - 87 dBA @ 10'

## Dust Bin

- ▶ 55 Gallon Fiber Drum. Other Sizes & Types Available.

## Included

- ▶ 2 Yr. Warranty
- ▶ Heavy Duty Iron Stand
- ▶ Patented Internal Silencer
- ▶ Magnetic Starter
- ▶ Filter Efficiency Kit
- ▶ Square to Round Inlet Adapter to 12" Dia.

## Options

- ▶ Bag Gripper, Plastic Bag Hold-Down System
- ▶ Hoppers and Airlocks / Multiple Drums
- ▶ Bin Level Indicators
- ▶ Spark Detection Systems
- ▶ HEPA Media - 99.97% @ 0.3 - 0.5 Microns Efficiency

## Shipping

- ▶ 1 Pallet - 40"x 120" @ 875 lbs. (Complete System w/ Stand)

# 15 / 20hp Direct Drive



Part #	Description
XXK150300	15hp Direct Drive Dust Collector
XXK200300	20hp Direct Drive Dust Collector

## System Performance

- ▶ (15hp) 7200 CFM - Free Fan Rating
  - ▶ (20hp) 8000 CFM - Free Fan Rating
- Actual Working CFM - Fan Curves - See below.**

## System Dimensions

- ▶ Height w/ 55 Gallon Drum: (15hp) 135.14" / (20hp) 179"
- ▶ Footprint w/ Ext. Cartridge: (15hp) 53"x 101" (20hp) 63" x 139"
- ▶ Rectangular Inlet (15hp) 14" dia. & (20hp) 16" dia.
- ▶ Welded Inlet w/ Neutral Vane
- ▶ Outlet: Rectangle (Square to Round Adapter Available)
- ▶ Powder Coated Paint Finish Over Heavy Gauge Steel
- ▶ Weather-Proof Cyclone and Fan Blower
- ▶ Seam-Welded Construction

## Integral Fan Blower

Industrial Quality Motor

- ▶ 15 / 20hp 3 Phase U.S. Made Baldor
- ▶ TEFC Motor, 1.15 Service Factor
- ▶ Insulation Class F
- ▶ Voltage: 208 - 230 / 460V
- ▶ Amperage: (15hp) 37.5 - 34/17A / (20hp) 50.1 - 46/23A
- ▶ Carbon Steel / Backward Inclined / Two-Plane Balanced to ISO 6.3 Specifications. The Same as Aircraft Turbine Rotors.

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## Filter Media

ASHRAE Tested

- ▶ 520 Sq. Ft. High Efficiency Axtar Spun-Bonded Media
- ▶ Teflon-Like Coating to Facilitate Dust Cake Release
- ▶ Filter Media Captures 99.9% of Test Material from 0.2 - 2 Microns @ 11 FPM / Accredited, Independent Lab Tested

## Sound Level

- ▶ With Standard Silencer & Filter: 82 dBA @ 10'

## Dust Bin

- ▶ (2) 55 Gallon Fiber Drum. Other Sizes & Types Available.

## Included

- ▶ 2 Yr. Warranty
- ▶ Heavy Duty Iron Stand
- ▶ Patented Internal Silencers (4)
- ▶ Magnetic Starter
- ▶ Filter Efficiency Kit

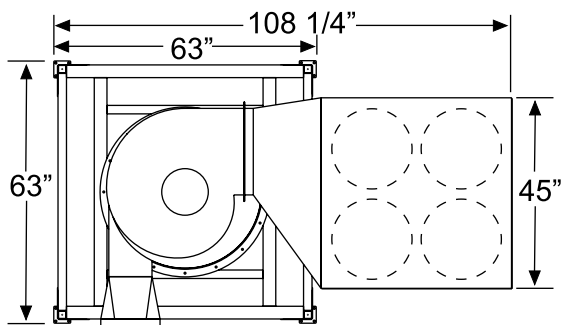
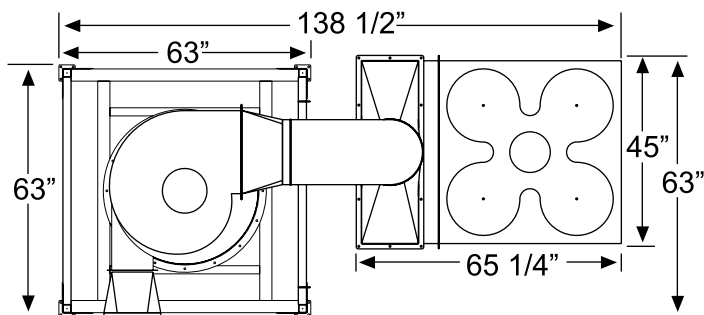
## Options

- ▶ Bag Gripper, Plastic Bag Hold-Down System
- ▶ Hoppers & Airllocks / Multiple Drums
- ▶ Bin Level Indicators
- ▶ Spark Detection Systems
- ▶ HEPA Media - 99.97% @ 0.3 - 0.5 Microns Efficiency

## Shipping Weights

- ▶ Pallet 1 - 40"x 48" @ 675 lbs. (15hp) / 800 lbs. (20hp)
- ▶ Pallet 2 - 40"x 48" @ 225 lbs. (15hp & 20hp)
- ▶ Pallet 3 - 40"x 120" @ 500 lbs. (15hp & 20hp Reg. Plenum)  
625 lbs. (20hp Inverted Plenum)
- ▶ Pallet 4 - 40"x 120" @ 450 lbs. (15hp & 20hp)

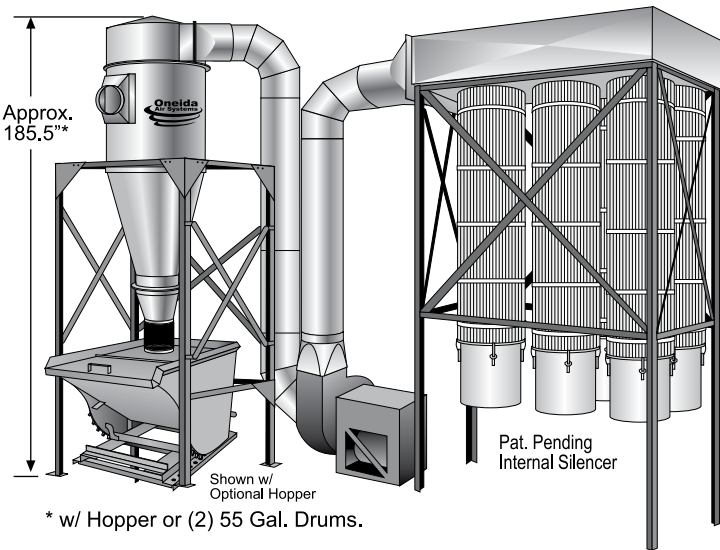
\*Oneida reserves the right to change or modify specs and system appearance without notice. Actual system appearance may vary.



## Fan Curve Data

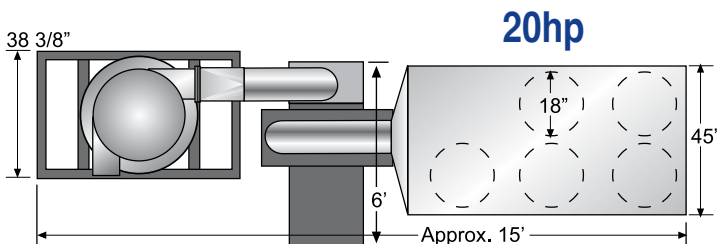
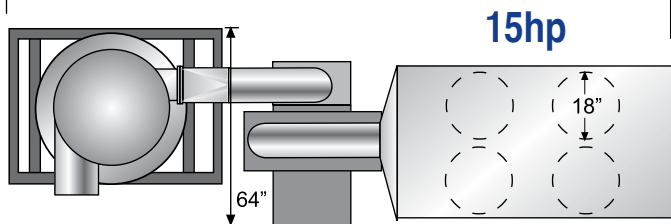
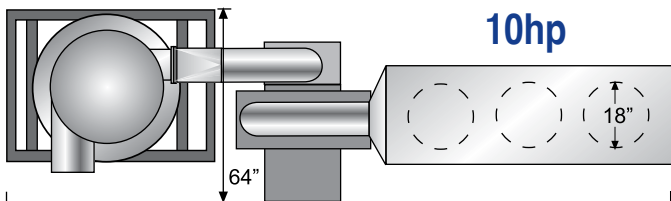
- ▶ (15hp) 4844 CFM @ 2.4" SP w/ Filters - Actual Working CFM
- ▶ (20hp) 6800 CFM @ 4" SP w/ Filters - Actual Working CFM



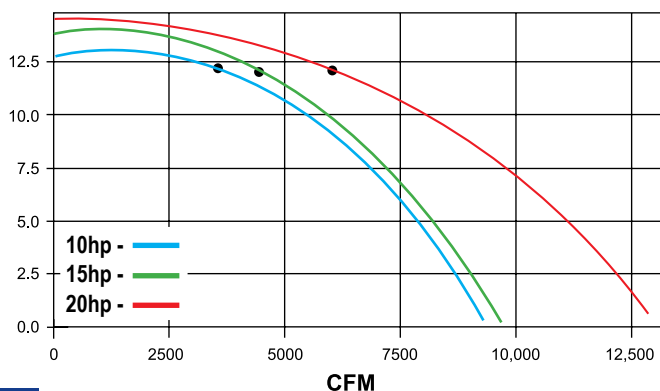


\* w/ Hopper or (2) 55 Gal. Drums.

\*Min. Ht. with (1) 55 Gal. Drum



10 / 15 / 20hp Belt Drive Fan Curve - CFM vs. SP\*



# Belt Drive Systems

## 10 / 15 / 20hp Belt Drive

Part #	Description
BXS100300	10hp Belt Drive Dust Collector
BXS150300	15hp Belt Drive Dust Collector
BXS200300	20hp Belt Drive Dust Collector

### Features:

- Larger Systems and Custom Engineering Available
- Plenum Configurations Can Vary
- Components Can Be Arranged According to Your Needs

### System Performance

- (10hp) 3300 CFM @ 12" SP / (15hp) 4200 CFM @ 12" SP
- (20hp) 6000 CFM @ 12" SP

### System Dimensions

#### Inlet Diameter:

- (10 & 15hp) Welded 12" w/ Neutral Vane
- (20hp) Welded 16" w/ Neutral Vane
- Outlet: Rectangle (Square to Round Adapter Available)
- Heavy Gauge, Galvanized Steel, Weather-Proof Cyclone and Fan Blower
- Seam-Welded Construction

### Integral Fan Blower

Industrial Quality Motor

- U.S. Made Motors
- 10hp / 15hp 3 Phase TECO-Westinghouse
- Voltage: 208-230, 208-230/460V
- Amperage: (10hp) 25.9-24/12 (15hp) 38.8-35.1/17.6A
- 20hp 3 Phase TECO-Westinghouse
- Voltage: 208-230/460V - Amperage: 51.7-46.8/23.4A
- TEFC Motor, 1.5 Service Factor (3 Phase only)
- Insulation Class F
- Carbon Steel w/ Spark Resistant Coating / Flat Blade Radial or High Efficient Curved Blade Radial / Fan Wheel Dynamically Balanced.

### Filter Media

ASHRAE Tested w/ Patented Internal Silencers

- Accredited, Independent Lab Tested
- Teflon-Like Coating to Facilitate Dust Cake Release
- 10hp  
390 Sq. Ft. (3) High Efficiency Axtar Spun-Bonded Media
- 15hp  
520 Sq. Ft. (4) High Efficiency Axtar Spun-Bonded Media
- 20hp  
650 Sq. Ft. (5) High Efficiency Axtar Spun-Bonded Media

### Sound Level

- With Standard Silencer & Filters:
- 15hp - 81 dBA @ 10'
- 20hp - 82 dBA @ 10'

### Options

- Angle Iron Stand for Free Standing Unit
- Bag Gripper, Plastic Bag Hold-Down System
- Hoppers / Multiple Drums / Airlocks
- Bin Level Indicators
- Airlocks
- Magnetic Starters
- Filter Efficiency Gauge Kit
- Spark Detection Systems
- GE HEPA (H-12) Filter Media (See specs on website)

**New!**

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

Use Your Fan Blower.

1. Add A Super Dust Deputy® Cyclone.

Dust Collector, Dust Drum and Flex Hose Not Included.

23"

Use Your Fan Blower.

2. Replace your dirty bag filter with compact high efficiency filter media.

Holes for Hanger Straps

Patented Internal Silencer

Quick Release Dust Pan

Holes for Hanger Straps

7" or 8"

39" or 62"

13" or 18"

Super Cartridge Filter

## Super Dust Deputy® Cyclonic Retrofit

For an Existing Single Stage Collector.

Part #	Description
AXD002030	Super Dust Deputy® Deluxe

### 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.

### Cyclone Dimensions

- ▶ Height approx. 23" / Inlet Diameter: 5" O.D. Outlet Diameter: 6"
- ▶ Powder Coated Paint Finish Over Steel

### Included

- ▶ Super Dust Deputy® Cyclone

### Optional

May be required for installation:

- ▶ 5" to 4" Reducer - DRL050400
- ▶ 6" to 5" Reducer - DRL060500
- ▶ 6" to 4" Reducer - DRL060400
- ▶ SEK170601 - 17 Gal. Drum Kit w/ Lid

### Weights

- ▶ Box 1 - 20"x 20"x 36.5" - 40 lbs.

## Super Cartridge Filter Retrofit Kit

- ▶ Catches the micro-fine dust.
- ▶ Small footprint.
- ▶ Quick clean out dust pan.

Part #	Description
FXK010039	39" L x 13" D / 7" Inlet / 95 Sq. Ft.
FXK010000	62" L x 18" D / 8" Inlet / 130 Sq. Ft.

### Filter Media

ASHRAE Tested

- ▶ High Efficiency Axtar Spun-Bonded Media
- ▶ Teflon-Like Coating to Facilitate Dust Cake Release
- ▶ Filter Media Captures 99.9% of Test Material from 0.2 - 2 Microns @ 11 FPM / Accredited, Independent Lab Tested

### Included

- ▶ High Efficiency Filter Cartridge / Dust Pan
- ▶ Filter Cap with Holes for Hanging / Hardware

### Optional

May be required for installation:

- ▶ Elbows / Reducers
- ▶ Flex Hose / Duct Hanger / Pipe Hangers

\*Oneida reserves the right to change or modify specs and system appearance without notice. Actual system appearance may vary.

www.oneida-air.com Buy Direct 1.800.732.4065 © 2011

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U.S. Patent  
#D596,358

## Industrial Gorilla Vac®

Part #	Description
XVK010135	Gorilla Vac® 110V, 35 Gallon

- ▶ **HEPA Media** - 99.97% @ 0.3 Microns Efficiency. *Meets EPA Lead Abatement Criteria.*
- ▶ **Cyclonic** - No Loss of Suction. Eliminates Clogging.
- ▶ **Powerful Dual 110V Motors** - Twice the Suction & Volume of Most Vacuums.
- ▶ **Simple, Easy to Empty.** - Waste Can be Collected into Plastic Bag.
- ▶ **Built to Last** - Industrial Quality.

### System Performance

- ▶ CFM Max. 220 / Waterlift Max. 80"

### System Dimensions

- ▶ Height w/ 35 Gallon Drum - 50"
- ▶ Footprint: 27" x 31" / Wt. 103 lbs. / Inlet Diameter: 2" O.D.

### Vac Motors

- ▶ Dual Vac Motors / 78 dBA
- ▶ Voltage: 110V / Amperage: 12A (Total)
- ▶ 1800 Watts

### Filter Media

- ▶ HEPA Media Pleated Cartridge Final Filter
- ▶ HEPA Media - 99.97% @ 0.3 - 0.5 Microns Efficiency
- ▶ Disposable Paper Vac Bag Pre-Filter

### Sound Level

- ▶ 78 dBA - Quiet

### Dust Bin

- ▶ 35 Gal. Steel Drum w/ Bag Liners

### Included

- ▶ 25' of 2" Flex Hose w/ Static Dissipating Cuffs
- ▶ (5) 4 Mil. Plastic Drumliners

### Options

- ▶ UltraClean Scraper
- ▶ Extra Plastic Drumliners
- ▶ Extra Disposable Paper Pre-Filters

\*Oneida reserves the right to change or modify specs and system appearance without notice. Actual system appearance may vary.



Grinding / Sanding



Scraping



General Shop Clean-Up



Jobsite

## Oneida Vortex™ DCS Dust Containment System



**Dust-Free Floor Sanding for Hardwood Floor Professionals.**

**HEPA Media - Meets EPA lead abatement criteria.**

U.S. Patent #6,833,016 B2 / E.U. Patent #04250129.6

Part #	Description
VSKOAA000	Vortex 110V™ DCS
VSKOBB000	Vortex 220V™ DCS
XSKODD000	Vortex Gorilla Vac™ DCS
VSKCSZ000	Vortex™ Sander Cyclone DCS

*Used on Episode #2615 of the TV show, "This Old House."*

**For more information and video, go to the Oneida Air Systems™ website / [www.oneida-air.com](http://www.oneida-air.com)**



# Oneida Air Systems™ Industrial Series

The Oneida Air Systems™ Industrial "S" Series is a high efficiency cyclone with a big body and a long cone taper. The "S" Series cyclones are designed for high efficiency separation. The bottom discharge can be designed for a 55 gal. drum / hopper or rotary air lock. It can be used as a pre-separator for filters. Cyclones can be arranged in parallel for large air flow and can be used for either positive or negative pressure.

## Features:

- ▶ High Efficiency Tapered Cone
- ▶ 11 - 20 Gauge Construction
- ▶ CW or CCW Inlet
- ▶ All Welded Construction

## Options:

- ▶ Stainless
- ▶ Stand for 55 gal. or hopper arrangement
- ▶ Rotary Air Lock
- ▶ Inspection Port
- ▶ Powder Coated Paint Finish

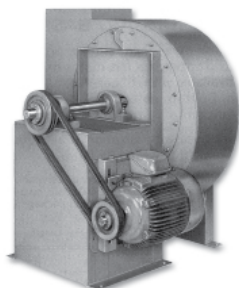
## Industrial Pulley Drive Blowers

### 20, 25 & 30hp New York Blower Pulley Drive Fans

Fan curves available on all fans.

Part #	Description
BXS200300	20hp / 294LS / 6000 cfm @ 12" SP
BXS250300	25hp / 334LS / 6500 cfm @ 14" SP
BXS300300	30hp / 334LS / 7500 cfm @ 14" SP
BXS300301	30hp / 364LS / 9000 cfm @ 10" SP

Motor specifications subject to change.



## Rotary Air Lock Feeders

Air Locks maintain a continuous vacuum at the bottom of the cyclone, eliminating the need for an air tight seal between the cyclone and the dust bin. Once an Air Lock is installed, the wood waste continuously drops straight down.

### Small Air Locks - Sized for medium to mid-size dust collector (3hp - 10hp)

Part #	Description	Dia. (A)	Height (B)	Motor HP**	Volts
SAZ080000	3/4hp Rotary Air Lock	7.5"	12"	.75hp	230 / 460

Note: Rectangular to round adapters available. Must be ordered separate.

### Large Air Locks

Part #	Dia. (A)	Height (B)	Motor HP**	No. of Vanes	RPM	Cu. Ft. / Rev.	Wt. (lbs.)
SAZ100000	10"	27.25"	2	4	30	1.85*	400
SAZ120000	12"	27.25"	2	4	30	2.75*	410
SAZ140000	14"	27.25"	2	6	30	3.00*	470
SAZ160000	16"	33.25"	2	6	22	4.51*	690

\*Volumetric displacement is 100% as listed. \*\*Standard 3 Phase. Single Phase also available.

## Features:

- Removable side plates provide easy entry into Air Lock for maintenance.
- Reinforced spark resistant rubber tipped vanes are easily replaced.

## Super "S" Series

Call for Prices.



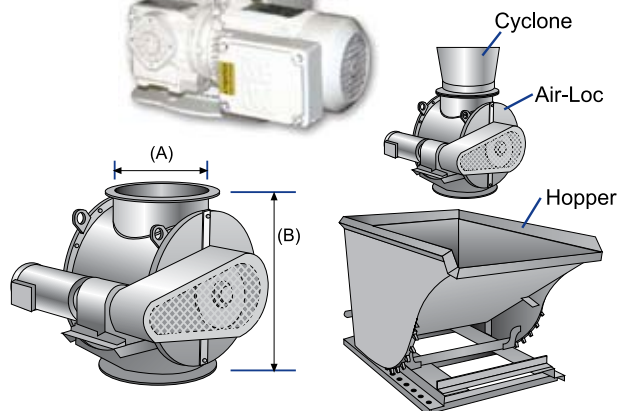
6,000 - 12,000 CFM

Call for specialized engineering design and pricing.

Check with OAS engineers for correct sizing of Air Locks



Shown with Rectangular to Round adapter.



## Cyclones Galvanized Steel Construction

By placing a cyclone pre-separator before your fan blower, 95 - 99.9% of the particulate is pre-separated. This saves wear on your fans and filters. Airflow is no longer reduced by filters clogging. The interval between filter cleaning is greatly extended. Filters need cleaning only after several months of operation.

Model #	Part #	HP	CFM Range	Inlet Dimen.
C 650*	SSX060000	1 - 2hp	250 - 750	6" Dia.
C 950	SSX090000	2 - 3hp	550 - 950	7" Dia.
C 1250	SSX120000	3hp	750 - 1350	8" Dia.
C 1800	SSX180000	3 - 5hp	1200 - 1900	8" Dia.
C 2500	SSX250000	5 - 10hp	1500 - 3000	10" Dia.
C 3500	SSX350000	10 - 15hp	2800 - 4400	12" Dia.
C 5500	ZZX550000	20hp	4000 - 6500	14"W x 20" H

Model #	Outlet Dimen.	Discharge Diameter	Dia.	Height
C 650*	7" Dia.	7"	18"	41"
C 950	8" Dia.	9"	20"	48"
C 1250	9" Dia.	10"	23"	50"
C 1800	10" Dia.	10"	23"	59"
C 2500	12" Dia.	14"	28"	62"
C 3500	15"W x 11" H	14"	34"	99"
C 5500	18"W x 14" H	14"	36"	113.5"

\* - No mounting ring. Use mounting kit for C 650.

### Note:

The CFM rating claimed by fan manufacturers is generally a free air rating. Ducting and filters cause resistance which reduces overall air flow and increases fan static pressure. The CFM ratings listed here are air flows that can be expected in an actual operating system with static pressure.



Custom-made stainless steel cyclone shown here.

## System and Cyclone Stands

### System Stands - Gorilla, Pro, 5hp High Vac

Part #	Size
STG000035	21" - 23" Cyclone - 35 Gallon
STG000055	21" - 23" Cyclone - 55 Gallon

### Cyclone Stands

Part #	Size
STG000055	C-1250 - C1800 Cyclone
STZ250055	C-2500 Cyclone
STZ350055	C-3500 Cyclone

Specify 35 Gal. or 55 Gal. when ordering.  
See parts price list.



## System Wall Brackets

Part #	Description
SMS150000	Bracket for 1.5hp System & Cyclones Up to C-1800
SMS200000	Bracket for Integral 2hp Systems
SMS250000	Bracket for C-2500 Cyclones and Larger
SMS300000	Bracket for 3hp System
SMS570000	Bracket for Direct Drive
SMS002100	Bracket for V-Systems Pre-Sept. 2009
SMS180000	Bracket for V-Systems After Sept. 2009



Bracket for 5hp and Down Direct Drives

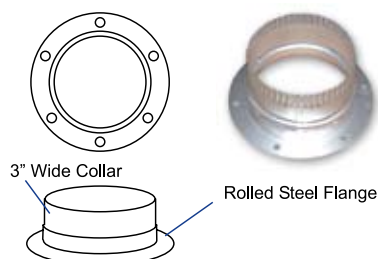


Bracket for V-Systems Made Before Sept. 2009

## Sleeves

### 10 Ga. rolled steel with collar installed.

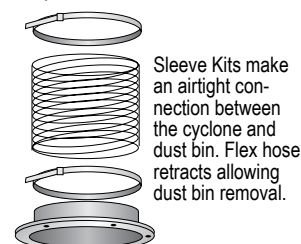
Part #	Diameter
DLX040000	4"
DLX050000	5"
DLX060000	6"
DLX070000	7"
DLX080000	8"
DLX090000	9"
DLX100000	10"



## Sleeve Kits

For connecting bottom of cyclone to dust bin. Each kit contains one rolled steel flange depending on model, two hose clamps and 1' of flex hose.

Part #	Description	Dia.	Wt. (lbs.)
DLK070100	7" Sleeve Kit	7"	
DLK090100	9" Sleeve Kit	9"	
DLK100100	10" Sleeve Kit	10"	
DLK140100	14" Sleeve Kit	14"	



Sleeve Kits make an airtight connection between the cyclone and dust bin. Flex hose retracts allowing dust bin removal.

# Dust Containers

## ► Large Capacity Hoppers

3/16" reinforcing angle for added support - 3/16" plate body is 100% continuously MIG welded on inside - 3/8" rear cross brace angle (not 3/16") - three 3" base channel - All angles are structural not formed - round smooth corners (not sharp mitered angles) - stackable base up to 2 yd. No extra charge - Painted bright yellow for maximum visibility.



Part #	Capacity	Dimensions
SHZ050000	.5 Cu. Yd.	31.5" H x 33.5" W x 54" L
SHZ010000	1 Cu. Yd.	37.75" H x 39.5" W x 64.75" L
SHZ150000	1.5 Cu. Yd.	46.25" H x 39.5" W x 75.75" L
SHZ020000	2 Cu. Yd.	46.25" H x 51.5" W x 75.75" L
SHZ030000	3 Cu. Yd.	47.25" H x 75.5" W x 75.75" L

## Drum & Sleeve Kits

These kits include a drum, a collar installed in the lid of the drum, 1 ft. of Flex Hose, and 2 Hose Clamps.

Part #	Description	Vol.	Size
SDK350701	Fiber Drum, 7" Collared Lid & Flex Hose	35 Gal.	22" D x 23" H
SDK350901	Fiber Drum, 9" Collared Lid & Flex Hose	35 Gal.	22" D x 23" H
SDK351001	Fiber Drum, 10" Collared Lid & Flex Hose	35 Gal.	22" D x 23" H
SDK550701	Fiber Drum, 7" Collared Lid & Flex Hose	55 Gal.	22" D x 35" H
SDK550901	Fiber Drum, 9" Collared Lid & Flex Hose	55 Gal.	22" D x 35" H
SDK551001	Fiber Drum, 10" Collared Lid & Flex Hose	55 Gal.	22" D x 35" H
SEK550701	Steel Drum, 7" Collared Lid & Flex Hose	55 Gal.	23" D x 35" H
SEK550901	Steel Drum, 9" Collared Lid & Flex Hose	55 Gal.	23" D x 35" H
SEK551001	Steel Drum, 10" Collared Lid & Flex Hose	55 Gal.	23" D x 35" H

## ► Dust Drums Fiber & Steel Drums

Part #	Description	Vol.	Size
SES100000	Steel Drum & Clamp	10 Gal.	14" D x 17" H
SES170000	Steel Drum & Clamp Call for lids.	17 Gal.	18" D x 16" H
SES350000	Steel Drum & Clamp	35 Gal.	22" D x 22" H
SES350002	Steel Drum & Clamp - Smart	35 Gal.	22" D x 22" H
SDS350000	Fiber Drum & Lid - Lid #SDL000000	35 Gal.	22" D x 23" H
SDS550000	Fiber Drum & Lid - Lid #SDL000000	55 Gal.	22" D x 35" H
SES550000	Steel Drum & Lid - Lid # SEL550000	55 Gal.	23" D x 35" H



## Splitter Kits without Drums



### Cyclones w/ 10" Discharge

Part #	Description
DLK100200	10 x 7 x 7 Pants Wye - 4 Band Clamps - 5' of 7" Flex Hose (2) - 7" sleeves w/ Flanges
DLK100210	10 x 10 x 10 Pants Wye - 4 Band Clamps - 5' of 10" Flex Hose (2) - 10" sleeves w/ Flanges

### Cyclones w/ 14" Discharge

Part #	Description
DLK140210	14 x 10 x 10 Pants Wye - 4 Band Clamps - 5' of 10" Flex Hose (2) - 10" sleeves w/ Flanges

## Splitter Kits with Drums

### Cyclones w/ 10" Discharge

Part #	Description
SDK351007	10 x 7 x 7 Pants Wye - 4 Band Clamps - 5' of 7" Flex Hose (2) - 35 Gal. Fiber Drums w/ 7" Inlet Lids (2)
SDK551007	Same as above with (2) 55 Gal. Fiber Drums
SEK551007	Same as above with (2) 55 Gal. Steel Drums
SEK551010	10 x 10 x 10 Pants Wye - 4 Band Clamps - 5' of 10" Flex Hose (2) - 55 Gal. Fiber Drums w/ 10" Inlet Lids (2)

### Cyclones w/ 14" Discharge

Part #	Description
SDK351410	14 x 10 x 10 Pants Wye - 4 Band Clamps - 5' of 10" Flex Hose (2) - 35 Gal. Fiber Drums w/ 10" Inlet Lids
SDK551410	Same as above with (2) 55 Gal. Fiber Drums
SEK551410	Same as above with (2) 55 Gal. Steel Drums

## Drum Liner Plastic Bag Hold-Down

Enables plastic bag use in dust drums.

Part #	Description
ABX000035	35 Gal. Plastic Drum Liner with Clips
ABX000055	55 Gal Plastic Drum Liner with Clips



Shown with drum and plastic bag. Not included.



# System Accessories

*New!*

## Dust Sentry™

### Infrared Bin Level Sensor

2010  
**HANDY**  
MAGAZINE  
INNOVATION  
AWARD

Part #	Description
AXB999110	Dust Sentry Level Sensing Unit

The Oneida Dust Sentry™ with adjustable IST (Infrared Sensing Technology), flashes a strobe light to alert you when the dust in your container reaches your preset level, telling you when it's time to empty the container.

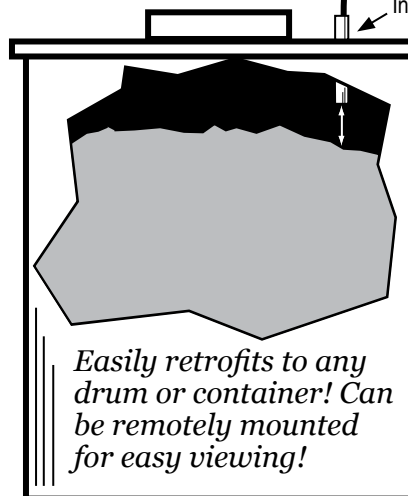


## How It Works.

Infrared Sensor detects waste has reached preset level and sets off the flashing strobe light.



Infrared Sensor



*Easily retrofits to any drum or container! Can be remotely mounted for easy viewing!*

## Magnetic Motor Starter / Switches

### Magnetic Motor Starter

Part #	Description
AMK020100	2hp (1 Phase)
AMK020300	2hp (3 Phase)
AMK030100	3hp (1 Phase)
AMK030300	3hp (3 Phase)
AMK050100	5hp (1 Phase)
AMK050300	5hp (3 Phase)
AMK070100	7.5hp (1 Phase)
AMK070300	7.5hp (3 Phase)
AMK100300	10hp (3 Phase)
AMK150300	15hp (3 Phase)



Square "D" Full Voltage Non-Reversing across the Line Starters, Nema Type 1 Enclosure, Start / Stop in cover, Class 10 overload. 240v Coil Voltage, 230v Line Voltage. Other configurations available.

### Magnetic Motor Starters w/ Cord, Plug and Remote Control

Part #	Description
AMR221114	230v 11 - 14A Overload
AMR221417	230v 14 - 17A Overload
AMR221721	230v 17 - 21A Overload

- ▶ 230 volt power supply required
- ▶ Systems come with NEMA 6 - 20P plug
- ▶ Adjustable motor overload built into starter. Set it to the service factor of the motor.



### Remote Control Switch

Part #	Description
AXR220000	Remote Control Switch

No line of sight required. Radio frequency.



## The BAG Gripper™ Pat. #11-190-167

Part #	Description
ABX000000	Bag Gripper Dust Bag Hold-Down System
ABX000001	Splitter Kit for 2 Drums

The BAG Gripper provides the ability to use convenient plastic bags inside your dust drum. It provides a constant, negative pressure on the outside surface of the plastic bag that keeps it pulled tight against the sides of the dust drum. Can be used with 35 and 55 gal. barrels. Must be wired into your system.



Part #	Description
ATC000000	A. Crimping Tool
AFR000000	B. Bag of 100 Pop Rivets
ATR000000	C. Pop Rivet Tool
ASC000000	D. 10.1 oz. Tube Clear Caulk
AFS000000	E. Box 100 1/2" Hex Head Self-Tapping Sheet Metal Screws
ATF000000	F. Foil Tape - 2"mx 50 Yards
SDS050000	G. 5 Gallon Plastic Bucket





### Fits the Dust Cobra

#### 2.5" Accessory Kit Includes:

- 25' of 2.5" dia. Hose
- 5' Extension Handle
- Wide Vacuum Head
- Slotted Vacuum Head
- 3" dia. Brush
- Gulper Tool
- 4" to 2.5" Reducer

### 2.5" Cleanshop Accessory Kit

Part #	Description
ASK000000	Cleanshop Accessory Kit

Attach the Cleanshop Accessory Kit to your dust collection system for convenient and easy shop clean up.



### Fits the Dust Cobra

#### 1.5" Accessory Kit Includes:

- (2) Extension Wands
- Wide & Small Vacuum Head
- Round Brush
- Upholstery Tool
- Curved Handle



20' of 1.5" hose stretches to 80'.

For use with Cobra you need to use:  
VSHN22150 Hose Coupler and VSHCAE000 Hose Cuff

### 1.5" Stretch Hose & Accessory Kit

Part #	Description
ASV000001	1.5" Accessory Kit
VSHSFZ150	20' of 1.5" Stretch Hose
VSHNZZ150	1.5" Hose Coupler
VSHCEE002	1.5" to 2.5" Hose Cuff

### Replacement HEPA Filters for Your Shop Vacuum



Replacement filters for your shop vacuum. Filters are easily cleaned by blowing from the outside with compressed air.

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

HEPA filters 99.97% of test material from 0.3 microns.

**\*Replacement Filter for the Dust Cobra.**

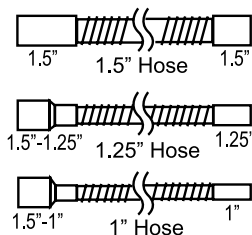
\*Hose not included.



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



### Hose Packages (10ft. Lengths) & Options for Dust Deputy

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"

All hose is high quality, static dissipating, wire reinforced.  
All hoses have at least one 1.5" dia. cuff to attach to cyclone inlet.

### Drum Dolly



Part #	Description
AXD000005	Dust Deputy Drum Dolly

Drum Dolly increases Deputy's mobility. Velcro straps hold drum securely for use, yet easily releases for emptying.

### Dust Deputy™ Cart

Industrial grade cart that can hold 5 gal. buckets and turn your Dust Deputy mobile!

Part #	Description
ATD000001	Single Cart
ATD000002	Double Cart



Double Cart

Single Cart

# Filters

## \*GE® HEPA (H-12) filter media for the best possible filtration.

HEPA stands for **H**igh **E**fficiency **P**articulate **A**ir. HEPA rated filters are typically 99.97% efficient @0.3 microns but different ratings for a little more or less efficiency apply.

HEPA filter media removes a broad range of airborne contaminants, including fine dust, smoke, soot, pollen and radioactive particles. HEPA filter media is used in final filter applications in hospitals, electronics, nuclear, pharmaceuticals, laboratories, aerospace, food processing and optics.

\*ACGIH Industrial Ventilation, 25th Edition. American Conference of Governmental Industrial Hygienists. Copyright 2004.

- ▶ *Makes filter cleaning a snap.*
- ▶ *Dust does not stick or penetrate into media.*
- ▶ *Lightly tapping the filter will cause the dust to fall off.*
- ▶ *It is ideal for extremely fine particles.*
- ▶ *General non-HEPA dust collection filters require a build up of dust to obtain maximum efficiency. HEPA filter media is 99.97% at 0.3 microns from first use.*

## HEPA Rated Filter Media

Part #	Description
FCS131340H	13" x 13" HEPA Filter
FCS133995H*	13" x 39" HEPA Filter
FCS183600HF*	18" x 36" HEPA Filter
FCS186200H	18" x 62" HEPA Filter

\* Comes with New Filter Flame-Guard Protection.



## Replacement Cartridge Filters

- Excellent for filtering small, flour-sized dust.
- One cartridge can replace multiple filter bags.
- Doesn't clog up after a few cleaning cycles. (External Filter has extra wide pleat spacing for easy cleaning).
- Cartridge filters are manually cleaned from the outside with compressed air.

### ▶ Filter Cartridge for 2hp Collector

Spun-Bonded Polyester Replacement Filter Cartridge for the 2hp Internal Collector.

Part #	Description
FCS010716	2hp Internal 50 Sq. Ft.



## Spun-Bond Filter Media

Part #	Description
FCS131340	13" x 13" S/B Filter
FCS133995	13" x 39" S/B Filter
FCS183900	18" x 39" S/B Filter
FCS186200	18" x 62" S/B Filter

Oneida Air Systems™ filter media has a BIA Classification. BIA ZH1/487 is an internationally recognized test standard for evaluating and rating filter media efficiency.

OAS pleated cartridges were tested by an independent lab. Intertek Testing Laboratories test #3045620-002A results @ 984 CFM. Cartridges filtered 99.9% of 1 micron wood dust @ 2.5" H2O (Static Pressure).

Detailed test report and filter media info on OAS website - [www.oneida-air.com](http://www.oneida-air.com)

Axtar HO G2260-1S-TR in Oneida cartridge filters is an engineered industrial grade filter media manufactured to meet strict BIA-C rated classifications. 99.9% efficient on 0.2 - 2 micron dust! This spun-bonded material is 5 - 7 times stronger than a cellulose (paper) filter and will not get brittle over time. Spun-bonded filters last up to 5 times longer than paper filters and can be rinsed with water to clean them. BIA ZH1/487 Test rated C.

- ▶ Captures 99.9% of test material between 0.2 - 2.0 microns @ 11 FPM face velocity.



Wide pleats for easy cleaning. Wood dust won't pack in pleats.

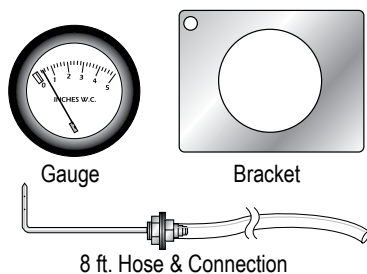


### To Clean Filters

Blast air along pleats of the filter at about a 20 degree angle. Blast air out and away from you or anyone in the general area. Keep air nozzle at least 6" from filter. Fine dust will settle in dust pan, keeping your shop clean. No dust escapes to outside.



## Filter Efficiency Gauge - Part # FXK000000



This easy to read gauge takes the guesswork out of knowing when your filters need to be cleaned and tells how much pressure is backed up behind your filters. It reads pressure from plenum to gauge up to 8" away, and allows you to keep your dust collection system running efficiently.

## Tube Filter Plenums

Galvanized sheet metal. All sizes available.  
Note: Specify inlet diameter size when ordering.

Part #	Dimensions
FPA040000	58" x 15" Single
FPE040000	48" x 30" Double
FPA050000	72" x 15" Single
FPA060000	86" x 15" Single
FPE060000	63" x 30" Double
FPA070000	117" x 15" Single
FPE080000	78" x 30" Double
FPE100000	83" x 30" Double
FPE120000	108" x 30" Double
FPE140000	122" x 30" Double

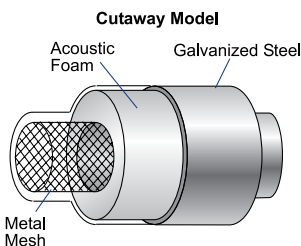


Note: Part number indicates number of holes.

## Silencers

12" silencer reduces noise by 4 - 6 dB. 36" silencer reduces noise by 6 - 8 dB. Sound is logarithmic so a small drop is significant.

Part #	Size
BSS061200	6" Dia. x 12"L
BSS071200	7" Dia. x 12"L
BSS081200	8" Dia. x 12"L
BSS083600	8" Dia. x 36"L
BSS103600	10" Dia. x 36"L
BSS123600	12" Dia. x 36"L
BSS133600	13" Dia. x 36"L



## Ring Thimble Adapters

Part #	Diameter
FAZ000000	12"



Use for DIY plywood plenum boxes.

## Tube Filter Bags

### Needle Felted Polyester Filter Bags

BIA ZH1/487 Test Rated G. Captures 99.5% of Test Material Between 0.2 - 2.0 Microns @ 11 FPM Face Velocity.

16 oz. Needle Felted Polyester.  
Singed on the Inside.

Part #	Dia.	Length	Filter Area (Sq. Ft.)
FTS060000	12"	6'	19
FTS080000	12"	8'	25
FTP080000*	12"	8'	25
FTS100000	12"	10'	31

\* with Zipper Bottom

## Replacement Bags

### For Standard 1hp - 3hp Import Dust Collectors

16 oz. Needle Felted Polyester.

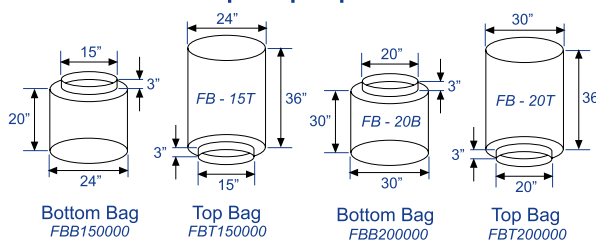
These high quality custom filter bags retrofit to your existing dust collector. They increase the cloth area of your system which improves performance and reduces filter blow-through.

Part #	Description	Part #	Description
FBT150000*	1hp Top Bag	FBF150000*	1hp Bottom Bag
FBT200000**	2hp Top Bag	FBF200000**	2hp Bottom Bag

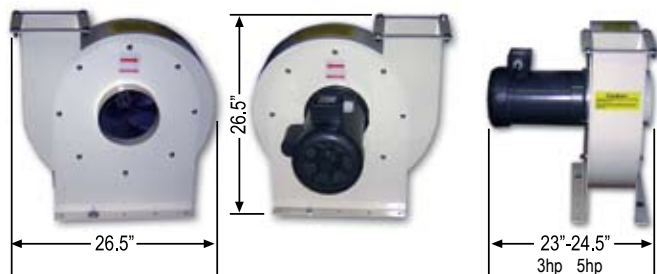
\* Provides 40 Sq. Ft. of Cloth Area

\*\* Provides 60 Sq. Ft. of Cloth Area

### For Standard 1hp - 3hp Import Dust Collectors.



## Perfect for Transfer Systems!



- ▶ Direct drive fans w/ cast aluminum fanwheels.
- ▶ Available in 1 or 3 phase power.
- ▶ Heavy duty, 11 ga. construction.
- ▶ Baldor motors.
- ▶ Outlet can be rotated in 45 degree increments.

## Industrial Direct Drive Blowers

### 3 - 5hp Direct Drive Fans

Part #	Description	CFM	Inlet
BXS030199	3hp Stand Alone Blower	1700	8"
BXS030399	3hp Three Phase	1700	8"
BXS050199	5hp Stand Alone Blower	1950	8"
BXS050399	5hp Three Phase	1950	8"

Accessories available: Inlet adaptors / Reducers, Outlet transitions to round, Starter switches.

# General Guidelines for an Efficient Duct System

***Metal ducting should be used for woodworking. Straight PVC or ungrounded plastic creates static charges which can shock workers or ignite combustible mixtures (cellulose mixtures can be explosive).***

## ***Metal pipe is safer than PVC.***

Scientists, engineers, and industry experts who work in insurance, human safety, woodworking, and equipment manufacturing consistently agree that plastic pipe should not be used in material (wood waste) conveying. In the National Fire Protection Association's 2002 edition, Chap.8 / 8.2.2.2.1.2 states about wood waste conveyance, "Nonconductive ducts such as PVC pipes shall not be permitted."

Some of the reasoning is as follows:

- ▶ Static sparks arcing internally or externally can ignite combustible mixtures inside or outside the pipe, not limited to wood dust mixtures.
- ▶ Static sparks arcing from the pipe can jolt, or severely injure personnel working on dangerous equipment. (This causes many injuries a year.)
- ▶ Limited choices of pipe size. Fittings are not designed for pneumatic conveying, compromising efficiency and good design.

## ***Metal Duct Gauge***

**Caution: Sheet metal fittings can have sharp edges.**

The gauge of metal varies tremendously with the application. Large industries may use 7 gauge for very heavy duty material conveying. Big molders or machines that generate huge quantities of solid material generally need 18 - 22 gauge for industrial survivability and safety. Small custom shops do well with 22 - 26 gauge pipe fittings. Thinner gauges (such as HVAC pipe) can collapse under fan pressure or dent too easily.

Ducting causes friction or drag which reduces fan performance. Shorter and more direct pipe runs are best and will deliver more air volume to the woodworking machine.

Elbows and turns should be kept to a minimum, the fewer the turns the better and the shorter the degree angle of the turn the better. For example: A 90 degree elbow is equivalent to 6 - 8 feet of straight pipe friction loss. A 45 degree elbow is equivalent to 3 - 4 feet of straight pipe friction loss. Use large radius elbows, with a center line radius at least 1.5 times the diameter. Large radius elbows are a must in dust collection.

Flex hose connections to machines can be the simplest and easiest way to connect your machines to the metal duct. Flex hose creates more air resistance than metal pipe. Use short lengths of flex hose for connecting to machines. Use wire wrapped helix flex hose for static grounding, bare the ends so they contact the metal pipe.

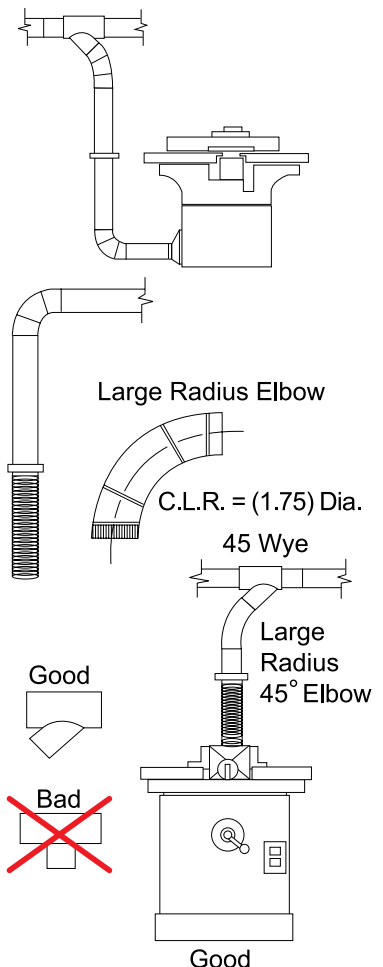
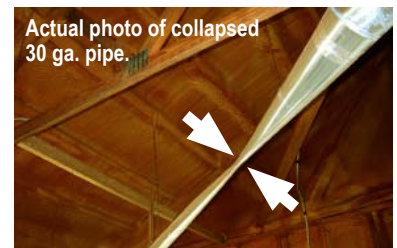
Blast gates can be used at every machine to control air flow. Pre-drill blast gate and sheet metal screw or pop rivet to metal ductwork and seal with silicone. Thumbscrew should face opposite the direction of airflow.

Use 45 degree wye branches, not 90 degree tee branches. A wye branch has 4x the efficiency of a tee. A 45 degree wye with a 90 degree elbow adjusted to 45 degrees will create a gentle sweep that can be used as a vertical drop or as a right or left turn off of the main duct line (see diagram on previous page).

Pop rivet or sheet metal screw pipe and fittings together. Recommended size: #8, 1/2" s.m. screws or 5/32" rivets.

Seal all ducting. Silicone makes a good sealant. Even small cracks can create significant air loss. Well sealed ductwork will insure that you have maximum air available at your woodworking machine where it is needed. (All joints on adjustable elbows should be sealed after installation.)

***If you would like help with your duct design, please call Oneida Air Systems.***



# Basic Ductwork Starter Kits

## Basic Ductwork Starter Kit for Super Gorilla & V-Systems.

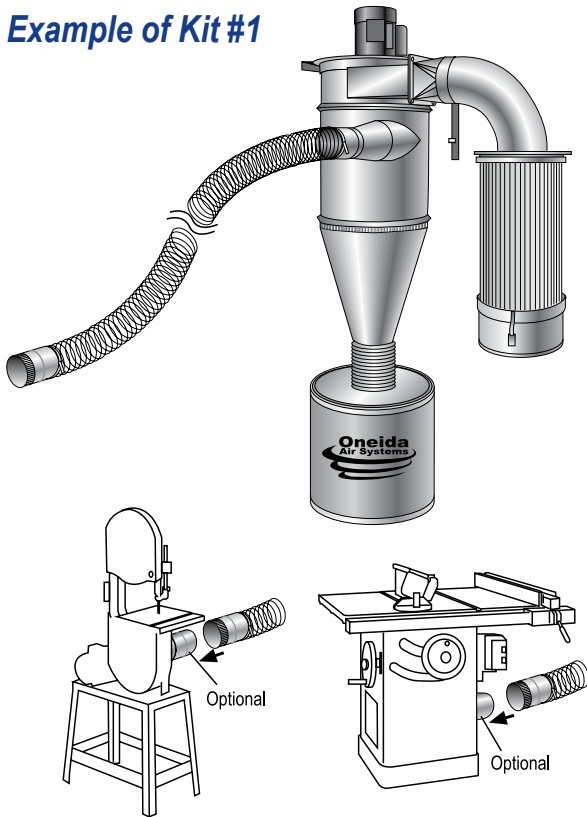
### Ductwork Kit #1 for 6" Inlet

Package #1 - KDZ00003  
Can be attached to single tools during use.

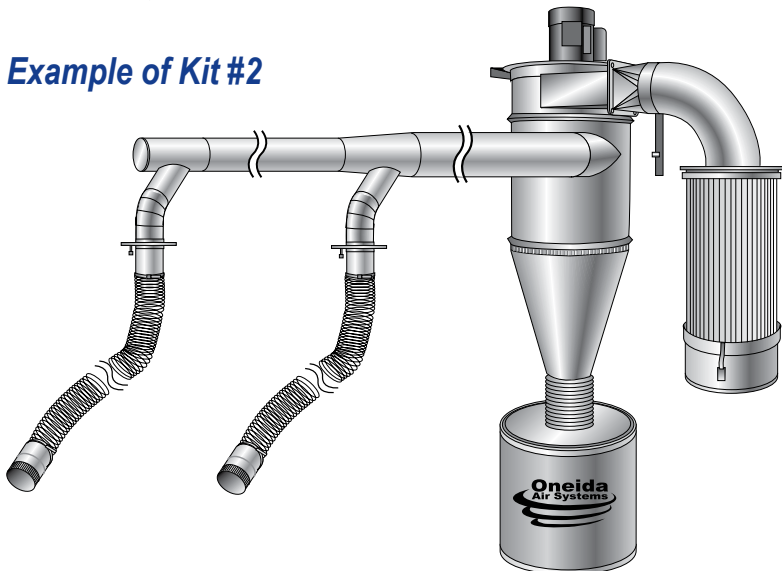
#### Included in Package:

- (2) Band Clamps 3" to 6" - ACB060000
- (1) Spiral Adapter 5" - DAS050000
- (20 ft.) 5" Flex Hose - DHF050000
- (2) Female 5" Quick Connect - DQF050000
- (1) Male 5" Quick Connect - DQM050000
- (1) 5" to 4" Reducer - DRL050400
- (1) 6" to 5" Reducer - DRL060500

### Example of Kit #1



### Example of Kit #2



### Ductwork Kit #2 for 6" Inlet

Package #2 - KDZ00004  
Can connect tools at two locations near your collector.

#### Included in Package:

- (4) Band Clamps 3" to 6" - ACB060000
- (2) Blastgate Adapters 5" - DAB050000
- (1) End Cap 5" - DCZ050000
- (2) 90 5" Adjustable Elbows - DEA900500
- (2) 5" Dia. Aluminum Blast Gates - DGA050000
- (20 ft.) 5" Flex Hose - DHF050000 - DHF050000
- (1) 6"x 60" 26 ga. Pipe - DPT260660
- (1) 5"x 60" 26 ga. Pipe - DPT260560
- (4) Female Quick Connect 5" Dia. - DQF050000
- (2) Male Quick Connect 5" Dia. - DQM050000
- (3) 5" to 4" Reducer - DRL050400
- (1) 5x5x5 45 Deg. Wye - DWS050505
- (1) 6x5x5 45 Deg. Wye - DWS060505

## Basic Ductwork Starter Kit for 2 & 2.5hp Super Gorilla / Pro 1500

### Ductwork Kit #1 for 7" Inlet

Package #1 - KDZ000001  
Can be attached to single tools during use.

#### Included in Package

- (2) Band Clamps 3" to 6" - ACB060000
- (1) Spiral Adapter 5" - DAS050000
- (20 ft.) 5" Flex Hose - DHF050000
- (2) Female 5" Quick Connect - DQF050000
- (1) Male 5" Quick Connect - DQM050000
- (1) 5" to 4" Reducer - DRL050400
- (1) 7" to 5" Reducer - DRL070500

### Ductwork Kit #2 for 7" Inlet

(For 8" inlets, add (1) 8-7" reducer)

Package #2 - KDZ000002  
Can connect tools at two locations near your collector.

#### Included in Package

- (4) Band Clamps 3" to 6" - ACB060000
- (2) Blastgate Adapters 5" - DAB050000
- (1) End Cap - DCZ050000
- (2) 90 5" Adjustable Elbows - DEA900500
- (2) 5" Dia. Aluminum Blast Gates - DGA050000
- (20 ft.) 5" Flex Hose - DHF050000 - DHF050000
- (1) 5"x 60" 26 ga. Pipe - DPT260560
- (1) 7"x 60" 26 ga. Pipe - DPT260760
- (4) Female Quick Connect 5" Dia. - DQF050000
- (2) Male Quick Connect 5" Dia. - DQM050000
- (3) 5" to 4" Reducer - DRL050400
- (1) 5x5x5 45 Deg. Wye - DWS050505
- (1) 7x5x5 45 Deg. Wye - DWS070505



# CLASS I

## Adjustable Elbows

1.75 x Diameter Long Radius

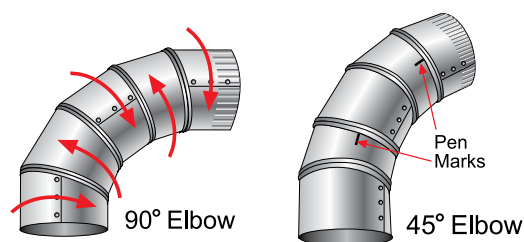
24 Gauge 0 - 90 Degrees

Part #	Dia.	Ga.
DEA900400	4"	24
DEA900500	5"	24
DEA900600	6"	24
DEA900700	7"	24
DEA900800	8"	24
DEA900900	9"	24
DEA901000	10"	24
DEA901200	12"	24



$CLR = (1.75)(Dia.)$   
Durable Heavy Gauge

### How to Adjust Elbows



## SEMI-INDUSTRIAL CLASS I & II

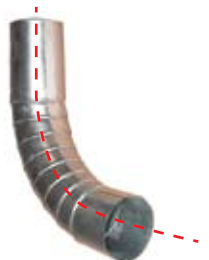
### One-Piece Machine Made Elbows

2.5 x Diameter Long Radius 20 - 22 Gauge

Specify 45 Deg. or 90 Deg.

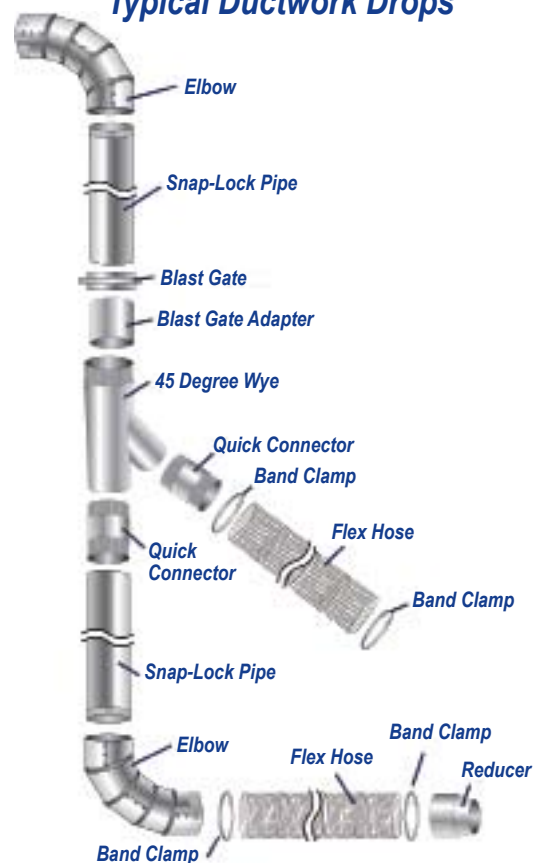
Uncrimped Spiral Pipe, Adapter Required.

45 Degree Part #	Dia.	Gauge	90 Degree Part #	Wt. (lbs.)
DEH450400	4"	22	DEH900400	(45) 2.50 (90) 4.00
DEH450500	5"	22	DEH900500	3.50 6.00
DEH450600	6"	22	DEH900600	4.50 8.00
DEH450700	7"	22	DEH900700	6.00 10.00
DEH450800	8"	22	DEH900800	8.00 13.00
DEH450900	9"	22	DEH900900	12.00 18.00
DEH451000	10"	22	DEH901000	14.75 22.00
DEH451200	12"	22	DEH901200	18.75 33.00
DEH451300	13"	22	DEH901300	21.00 35.00
DEH451400	14"	22	DEH901400	23.50 38.00



$CLR = (2.5)(Dia.)$   
One Piece Machine-Made

### Typical Ductwork Drops

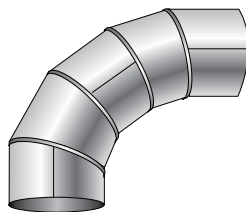


## INDUSTRIAL CLASS II

### One-Piece Gored Elbows

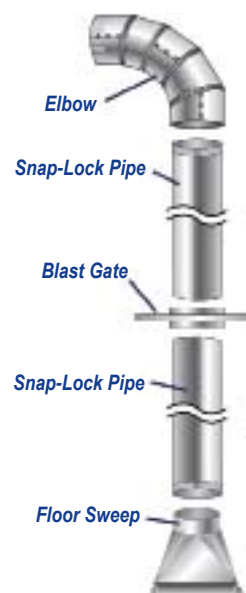
Heavy Gauge Solid Welded Elbows

45 Degree Part #	Dia.	Gauge	90 Degree Part #
DEW450600	6"	18	DEW900600
DEW450700	7"	18	DEW900700
DEW450800	8"	18	DEW900800
DEW450900	9"	18	DEW900900
DEW451000	10"	18	DEW901000
DEW451200	12"	18	DEW901200
DEW451300	13"	18	DEW901300
DEW451400	14"	18	DEW901400
DEW451600	16"	18	DEW901600
DEW451800	18"	18	DEW901800
DEW452000	20"	18	DEW902000



$CLR = 1.75 Dia.$   
\*Custom CLR Available

Gored elbows can be made to order in custom sizes and materials.



## 45 Deg. Wye Joints - Class I

Standard sizes available. Spot welded galvanized steel.

Price will be based on dimension "A". For example:

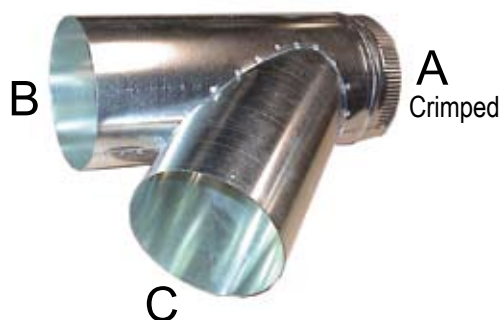
Part # DWS060404 "A"= 6" x "B"= 4" x "C"= 4" Wye

Part #	Dia.	Ga.	Wt. (lbs.)
DWS040404	4"	24	1.6
DWS050505	5"	24	2.1
DWS060606	6"	24	2.5
DWS070707	7"	24	3.3
DWS080808	8"	22	5.1
DWS090909	9"	22	5.7
DWS101010	10"	22	6.6
DWS141414	14"	20	-

24 ga. is .024"  
22 ga. is .030"  
20 ga. is .036"



Spot Weld



## - Class II

Standard sizes available. Solid welded galvanized steel.

Price will be based on dimension "A". For example:

Part # DWS060404 "A"= 6" x "B"= 4" x "C"= 4" Wye

Part #	Dia.	Ga.
DWW050505	5"	20
DWW060606	6"	20
DWW070707	7"	20
DWW080808	8"	20
DWW090909	9"	18
DWW101010	10"	18
DWW121212	12"	18
DWW141414	14"	18
DWW161616	16"	18

18 ga. is .048"  
16 ga. is .060"  
14 ga. is .075"



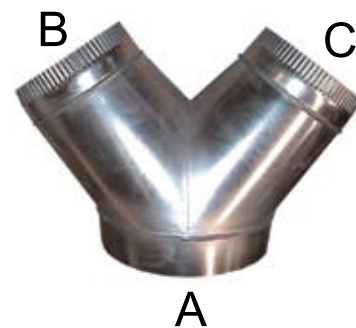
Solid Weld



## Pants Wye Joints - Class I

Class II also available.

Part #	Dia.	Ga.
DWP040400	4"	20
DWP060606	6"	20
DWP070707	7"	20
DWP080808	8"	20
DWP090909	9"	18
DWP101010	10"	18
DWP121212	12"	18
DWP141414	14"	18



Crimped unless otherwise specified.

## Saddle Tap 45 Deg. Wye - Class I

Class II also available.

Saddle Tap Wye's can be added to existing ductwork by cutting a hole and sheet metal screwing or pop riveting the saddle over the hole.

Class I Part #	Branch Dia.
DWT040404	4"
DWT050505	5"
DWT060606	6"
DWT070707	7"
DWT080808	8"

Class I Part #	Branch Dia.
DWT090909	9"
DWT101010	10"
DWT121212	12"
DWT141414	14"

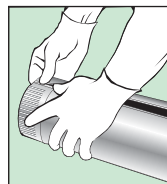


Non-Stock Item

18 - 20 gauge fabricated to order.

## Straight Pipe - Snap-Lock Style Pipe - Under 5hp Systems Only

Dia.	Part #	Standard Gauge	Length	Part #	Length	Wt. (lbs.)
3"	DPT260324	26	24"			
4"	DPT260424	26	24"	DPT260460	60"	4.0
5"	DPT260524	26	24"	DPT260560	60"	5.1
6"	DPT260624	26	24"	DPT260660	60"	5.7
7"	DPT260724	26	24"	DPT260760	60"	7.8
8"	DPT260824	26	24"	DPT260860	60"	8.6
4"		24		DPT240448	48"	3.7
5"		24		DPT240548	48"	5.5
6"		24		DPT240648	48"	6.2
7"		24		DPT240748	48"	7.7
8"		24		DPT240848	48"	8.2
9"		24		DPT240948	48"	9.2
10"		24		DPT241048	48"	10.0
12"		24		DPT241248	48"	12.8

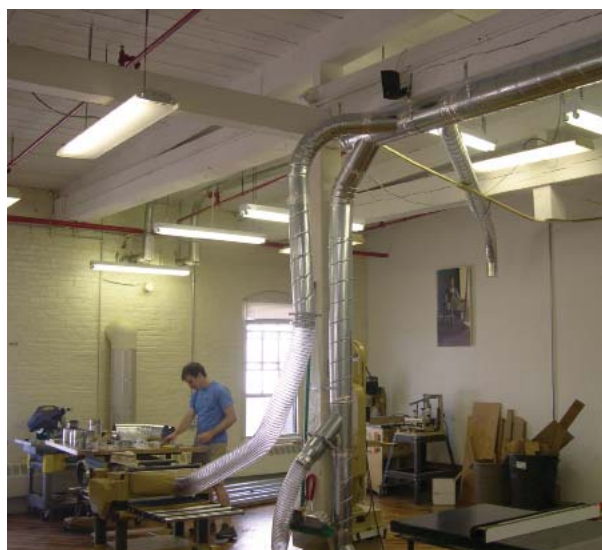


## Spiral Pipe - Should be used in systems over 5hp

Dia.	Part #	Standard Gauge	Length	5' Wt. (lbs.)	10 Wt. (lbs.)
4"	*DPP24040_	24	5' & 10'	5.9	11.9
5"	*DPP24050_	24	5' & 10'	7.9	15.5
6"	*DPP24060_	24	5' & 10'	9.8	18.5
7"	*DPP24070_	24	5' & 10'	10.8	21.6
8"	*DPP24080_	24	5' & 10'	12.9	24.0
9"	DPP240910	24	10'		28.5
10"	DPP241010	24	10'		30.8
12"	DPP241210	24	10'		
13"	DPP241310	24	10'		
14"	DPP241410	24	10'		
16"	DPP201610	20	10'		
18"	DPP241810	18	10'		
20"	DPP242010	18	10'		

\*Specify 5 for 5', 10 for 10' in part #.

Note: Larger diameters available through special order.  
Call for pricing.



## Spiral Adapters

Used to join sections of spiral pipe fittings.

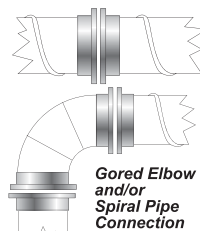
Part #	Dia.	Wt. (lbs.)
DAS030000	3"	.5
DAS040000	4"	.7
DAS050000	5"	.8
DAS060000	6"	1.0
DAS070000	7"	1.1
DAS080000	8"	1.3
DAS090000	9"	1.8
DAS100000	10"	2.0
DAS120000	12"	2.4
DAS130000	13"	2.5



**Spiral Pipe Adapter**



**Spiral Pipe Connection**



Note: Angle rings must be welded to pipe or elbows.

## Angle Rings

Dia.	Part #	Wt. (lbs.)	Dia.	Part #	Wt. (lbs.)
3"	DFZ030000	.70	13"	DFZ130000	4.25
4"	DFZ040000	.85	14"	DFZ140000	4.75
5"	DFZ050000	1.18	15"	DFZ150000	7.25
6"	DFZ060000	1.38	16"	DFZ160000	8.00
7"	DFZ070000	1.73	17"	DFZ170000	8.25
8"	DFZ080000	1.90	18"	DFZ180000	8.50
9"	DFZ090000	2.55	20"	DFZ200000	9.50
10"	DFZ100000	3.05	22"	DFZ220000	10.75
12"	DFZ120000	3.88	23"	DFZ230000	11.25



## Blast Gates

Aluminum with Thumbscrew.

Can be unscrewed for easy cleaning.

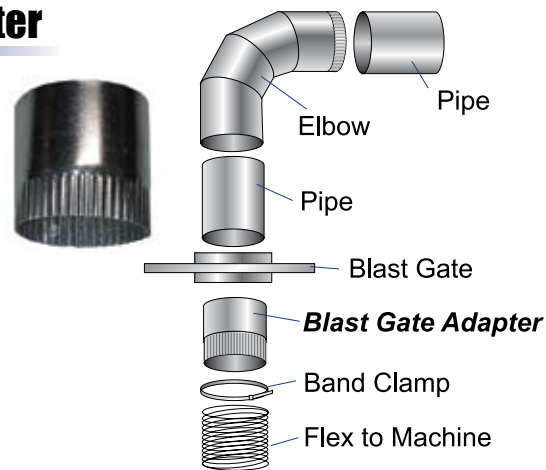
Part #	Dia.	Wt. (lbs.)
DGA030000	3"	.8
DGA040000	4"	1.1
DGA050000	5"	1.5
DGA060000	6"	2.2
DGA070000	7"	3.1
DGA080000	8"	4.1
DGA090000	9"	6.0
DGA100000	10"	6.4
DGA120000	12"	N/A



## Blast Gate Adapter

Part #	Dia.	Wt. (lbs.)
DAB030000	3"	.2
DAB040000	4"	.3
DAB050000	5"	.4
DAB060000	6"	.5
DAB070000	7"	.6
DAB080000	8"	.8
DAF040000*	4"	.3
DAF050000*	5"	.4
DAF060000*	6"	.5

\* No Crimp



## Plastic Blast Gates

Part #	Dia.	Wt. (lbs.)
DGP030000	3"	.4
DGP040000	4"	.5
DGP050000	5"	.6
DGP060000	6"	.8



## Duct Hanger

Perforated metal duct hanging strap, sold in 100' rolls.

Economical.

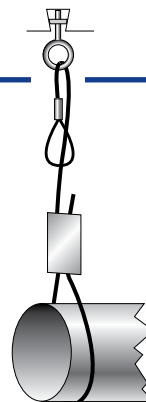
Part #	Wt. (lbs.)
ATP000000	5.1



## Hang Fast\*

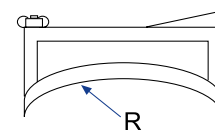
Part #	Length	Wt. (lbs.)
AHD050000	5'	2.1
AHD100000	10'	3.3
AHD150000	15'	4.6

\* Sold Only in Bags of Ten.



## Clean Outs - Aluminum Contoured w/ Hinged Door

Part #	Fits Pipe Size	A	B	R	Wt. (lbs.)
DDC060000	6	8-22/25"	5-1/2"	3	1.5
DDC080000	8	9"	5-5/8"	4	1.7
DDC100000	10	9"	5-2/3"	5	1.8
DDC120000	12	11-1/8"	6-3/8"	6	2.1
DDC140000	14	11-1/4"	6-1/2"	7	2.4
DDC160000	16	11-1/4"	6-1/2"	8	2.4



- For access ports
- Complete w/ Alum. Lid
- 319 Aluminum Alloy

## Reducers - Light Gauge Galv. Steel

Part #	Dia.	Wt. (lbs.)
DRL030200*	3"-2"	.2
DRL030212*	3"-2.5"	.2
DRL040212*	4"-2.5"	.3
DRL040300	4"-3"	.4
DRL050400	5"-4"	.5
DRL060500	6"-5"	.6
DRL070600	7"-6"	.8
DRL080700	8"-7"	.9
DRL090800	9"-8"	1.0
DRL100900	10"-9"	1.1



\* Molded Plastic

## Reducers - Heavy Gauge, Long Taper

Part #	Dia.	Ga.	Wt. (lbs.)	Metric Part #	Dia.	Ga.	Wt. (lbs.)
DRH040300	4"-3"	24	1.3	DRH120040	120mm-4"	24	1.2
DRH050400	5"-4"	24	1.6	DRH120050	120mm-5"	24	1.4
DRH060500	6"-5"	22	2.1	DRH120060	120mm-6"	22	1.9
DRH070600	7"-6"	22	2.5	DRH140050	140mm-5"	22	1.4
DRH080700	8"-7"	22	2.8	DRH160060	160mm-6"	22	1.7
DRH090800	9"-8"	22	3.3	DRH800400	80mm-4"	22	.9
DRH100900	10"-9"	22	3.7	DRH800500	80mm-5"	22	1.2
DRH121000	12"-10"	22	4.1	DRH900400	90mm-4"	22	.9

Longer Taper  
for Better  
Air Flow.



## Flex Hose - Material Handling Industrial Quality. Wire Helix Clear Flex Hose.

Part #	Diameter
DHF020000	2"
DHF030000	3"
DHF040000	4"
DHF050000	5"
DHF060000	6"
DHF070000	7"
DHF080000	8"
DHF090000	9"
DHF100000	10"



.030" Wall Thickness

2" - 6" Dia.  
Flex Hose is  
sold in pre-cut  
increments  
of 5' / 10' / 20'.

Note: Keep Flex Hose lengths to a minimum.

If you need longer pieces, you will need a Spiral Adapter (Pg.37) and 2 Band Clamps to connect the hose pieces.



## Sta-Flex Hose - Stays where you put it! 15 ft. lengths (When extended.) 3:1 compression ratio.

Part #	Dia.
DHS020000	2"
DHS025000	2.5"
DHS030000	3"
DHS040000	4"

- Can be flexed into any shape and will then hold that position
- Superior fatigue resistance
- Excellent abrasion resistance
- Great for woodturning lathes and scroll saws



Scroll Saws

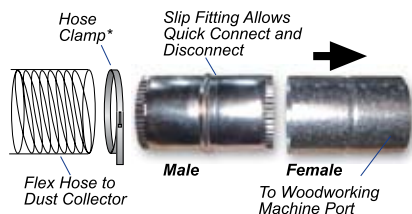


Lathes

## Quick Connectors for Flex Hose

Fastens to Flex Hose with Hose Clamps. A friction fit allows quick plug and pull flex connectors to woodworking machines.

Part #	Diameter
DQK040000	4"
DQK050000	5"
DQK060000	6"
DQK070000	7"



\*Hose Clamp not included in kit.

## Hoods - General

### Square

Part #	Inlet Dia.	Length	Width	Height
DOS040606	4"	6"	6"	8.25"
DOS050808	5"	8"	8"	8.25"



### Rectangle

Part #	Inlet Dia.	Length	Width	Height
DOT041002	4"	10"	2"	8.125"
DOT051003	5"	10"	3"	8.125"



### Round

Part #	Inlet Dia.	Height	Outlet Dia.
DOU041009	4"	10"	10"
DOU051209	5"	12"	12"



## Band Clamps

Stainless Steel. Quick Release.

Part #	Dia.	Part #	Dia.
ACB060000	2" - 6"	ACB150000	8" - 15"
ACB080000	4" - 8"	ACB200000	15" - 20"
ACB120000	4" - 12"		



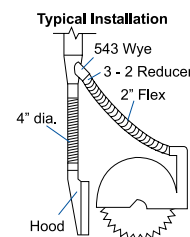
## Floor Sweeps - Heavy Gauge

Part #	Description
DSN050000	Use with a Blast Gate
DSN060000	Use with a Blast Gate



## Radial Arm Saw / Miter Saw Hoods

Part #	Diameter
DOR040000	10"L x 3"W x 4"
DOR050000	10"L x 3"W x 5"



# Nordfab® - Clamp-Together Duct Systems



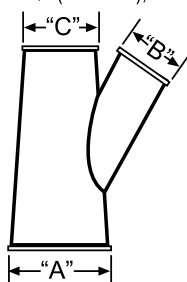
**Oneida Air Systems™ is an authorized dealer of Nordfab® Quick-Fit® ductwork. Call for pricing.**

[www.norfab.com](http://www.norfab.com) for a complete list of parts available from Oneida Air Systems™.











Standard 30 /  
Optional 45

End Style: QF (Standard), Flange, Raw



When ordering, specify A, B, C.  
A - B ≥ B - C  
Use formula to determine if a reducer  
is needed at "C".

## Most Common Parts - Sizes 4" to 22" Available.

Part	Diameter	OAS Part #	Nordfab Part #	Description	Weight
	4" x 4" x 4"	QWZ040404	3220 - 04XX	Wye Branch 4 x 4 x 4 QF	3.00
	5" x 5" x 5"	QWZ050505	3220 - 05XX	Wye Branch 5 x 5 x 5 QF	3.75
	6" x 6" x 6"	QWZ060606	3220 - 06XX	Wye Branch 6 x 6 x 6 QF	4.25
	7" x 7" x 7"	QWZ070707	3220 - 07XX	Wye Branch 7 x 7 x 7 QF	5.00
	8" x 8" x 8"	QWZ080808	3220 - 08XX	Wye Branch 8 x 8 x 8 QF	6.00
	4"	QEL049000	3210-0490	Elbow 4" 90 DG LR QF	0.80
	5"	QEL059000	3210-0590	Elbow 5" 90 DG LR QF	1.20
	6"	QEL069000	3210-0690	Elbow 6" 90 DG LR QF	1.50
	7"	QEL079000	3210-0790	Elbow 7" 90 DG LR QF	2.20
	8"	QEL089000	3210-0890	Elbow 8" 90 DG LR QF	6.10
	4"	QEL046000	3210-0460	Elbow 4" 60 DG LR QF	0.80
	5"	QEL056000	3210-0560	Elbow 5" 60 DG LR QF	1.15
	6"	QEL066000	3210-0660	Elbow 6" 60 DG LR QF	1.35
	7"	QEL076000	3210-0760	Elbow 7" 60 DG LR QF	1.65
	8"	QEL086000	3210-0860	Elbow 8" 60 DG LR QF	4.40
	4"	QEL044500	3210-0445	Elbow 4" 45 DG LR QF	0.55
	5"	QEL054500	3210-0545	Elbow 5" 45 DG LR QF	0.70
	6"	QEL064500	3210-0645	Elbow 6" 45 DG LR QF	1.05
	7"	QEL074500	3210-0745	Elbow 7" 45 DG LR QF	1.30
	8"	QEL084500	3210-0845	Elbow 8" 45 DG LR QF	3.70
	4"	QPZ040000	3200-0400	Pipe 4" D x 5' L QF	5.35
	5"	QPZ050000	3200-0500	Pipe 5" D x 5' L QF	6.65
	6"	QPZ060000	3200-0600	Pipe 6" D x 5' L QF	7.93
	7"	QPZ070000	3200-0700	Pipe 7" D x 5' L QF	11.70
	8"	QPZ080000	3200-0800	Pipe 8" D x 5' L QF	13.25
	4"	QCZ040000	3260-0400	Clamp w/ Pin 4" QF	0.20
	5"	QCZ050000	3260-0500	Clamp w/ Pin 5" QF	0.22
	6"	QCZ060000	3260-0600	Clamp w/ Pin 6" QF	0.25
	7"	QCZ070000	3260-0700	Clamp w/ Pin 7" QF	0.45
	8"	QCZ080000	3260-0800	Clamp w/ Pin 8" QF	0.50
	4"	QNZ040000	3202-0400	Nipple w/ O-Ring Adj. 4" QF	1.05
	5"	QNZ050000	3202-0500	Nipple w/ O-Ring Adj. 5" QF	1.30
	6"	QNZ060000	3202-0600	Nipple w/ O-Ring Adj. 6" QF	1.60
	7"	QNZ070000	3202-0700	Nipple w/ O-Ring Adj. 7" QF	2.40
	8"	QNZ080000	3202-0800	Nipple w/ O-Ring Adj. 8" QF	2.70
	4"	QGZ040000	3240-0400	Blast Gate 4" QF	2.25
	5"	QGZ050000	3240-0500	Blast Gate 5" QF	3.00
	6"	QGZ060000	3240-0600	Blast Gate 6" QF	3.75
	7"	QGZ070000	3240-0700	Blast Gate 7" QF	4.50
	8"	QGZ080000	3240-0800	Blast Gate 8" QF	5.50

### ► Easy & Fast to Install

Just clamp together. No rivets, screws or welding needed. 45% less labor to install.

### ► Re-Usable

Easy to use and easy to move as your needs change.

### ► Easy to Clean Out

Can be easily removed, cleaned out, then replaced without tools.

### ► Leak-Tight Laser Welded Seams

### ► Adaptable to Your Existing Ductwork

### ► 45% Less Downtime for Installation

### ► Quick-Fit is Available in Galvanized, Aluminum and Stainless.





# What Are the Facts about Wood Dust?

**"Wood dust is *known* to be a human carcinogen..."**

Wood dust has been added to the federal government's list of compounds known to cause cancer in humans. The list was updated on Dec. 11, 2002 and now officially includes wood dust as a known human carcinogen. The report is issued every two years by the National Toxicology Program, a division of the U.S. Department of Health and Human Services.

Source: U.S. Dept. of Health and Human Services. National Toxicology Program.  
10th edition of Biennial Report on Carcinogens. Dec. 2002.  
For the complete report: <http://ehp.niehs.nih.gov/roc/toc10.html>

## ► Health Risks From Wood Dust

By R. Harold Imbus, M.D., Sc.D.

Most woodworkers know that dust is a major nuisance in the shop. But how many realize that excessive exposure to wood dust poses a health risk as well?

Frequent exposure to large amounts of wood dust can lead to sinus and lung problems, or worse. And it's the finer dust particles - those smaller than 10 microns - that are the most hazardous. To put that size in perspective, consider that a human hair is about 100 microns thick, while airborne dust particles smaller than 20 microns are invisible to the naked eye.

### *How Dust Affects Us*

Our lungs have a built-in cleaning system that works efficiently under most conditions to protect delicate tissues from the damage fine dust causes. The trouble starts when your respiratory system must deal with large amounts of "respirable dust" (below 10 microns). Heavy exposure to this dust can overwhelm the natural defenses and lead to inflammation and swelling of the airways, which cause symptoms such as shortness of breath, increased sputum and coughing, frequent colds, nosebleeds, sinus trouble, or bronchitis.

Also, wood dust may contain allergens and toxins such as pesticides, fungi (molds), and chemicals which can trigger allergic reactions. Many tropical hardwoods can be especially irritating, and Western red cedar can cause allergic asthma.

Dr. Imbus is a board-certified physician in occupational medicine who acts as a consultant to the woodworking industry.  
Source: American Woodworker, April 1994

## ► 3 Important Facts About Filter Media, ASHRAE, and BIA Ratings

***Our filters are 3rd party tested. For additional documentation we have our filters sent to separate accredited ASHRAE test labs.***

**1. Anything less than a BIA rating of C or G filter media is inferior.** If you are looking for accurate, reliable information on filter media, BIA ZH1/487 is the internationally recognized and accepted test standard for evaluating and rating filter media efficiency. Under this standard the excellent ratings are C and G where C captures 99.9% of Test Material between 0.2-2.0 microns @ 11 FPM face velocity and G captures 99.5% of Test Material between 0.2-2.0 microns @ 11 FPM face velocity. All dust collection systems from Oneida Air Systems, Inc. use media rated C and G and has been independently tested to guarantee the degree of filtration claimed.

**2. The proper design ratio of air volume to filter media is critical.** An insufficient quantity of filter media will result in poor filtration. Oneida systems use the correct air to cloth ratio to achieve quality filtration.

**3. Beware of meaningless claims.** A filter bag advertised as 5 micron sized material might only filter 20% of the 5-micron particles. All Oneida systems filter media captures over 99% of Test Material between 0.2-2.0 microns @ 11 FPM face velocity.

*Our filters have no internal obstructions to interfere with cleaning and have a teflon-like coating to facilitate easy dust release by blowing on the outside of the filter with compressed air. Internal cages and wire supports can trap dust and chips making filters almost impossible to clean.*



## ► Wood Dust Toxicity

The list below includes woods whose dust has been identified as toxic. The second column lists a code for the type of reaction (I - irritant, S - sensitizer, C - cancer causing, P - hypersensitivity pneumonia, or DT - direct toxin). The third column shows the potency level.

Bald Cypress	S	Low
Beech	S, C	Medium
Birch	S	Medium
Black Locust	I	High
Blackwood	S	Medium
Boxwood	S	Medium
Cashew	S	Low
Cocobolo	I, S	High
Dahoma	I	Medium
Ebony	I, S	Medium
Elm	I	Low
Goncalo Alves	S	Medium
Greenheart	S	High
Hemlock	C	Unknown
Iroko	I, S, P	High
Mahogany	S, P	Low
Mansonia	I, S	High
Maple	S, P	High
Myrtle	S	Medium
Oak	S, C	Medium
Obeche	I, S	High
Oleander	DT	Very High
Olivewood	I, S	High
Opepe	S	Low
Padauk	S	Low
Pau Ferro	S	Low
Peroba Rosa	I	Medium
Purpleheart	S	Medium
Quebracho	I, C, S, P	Medium
Redwood	S, P, C	Medium
Rosewoods	I, S	Very High
Satinwood	I	High
Sassafras	S, DT, C	Low
Sequoia	I	Low
Snakewood	I	Medium
Spruce	S	Low
Walnut, black	S	Medium
Wenge	S	Medium
Willow	S	Low
W. Red Cedar	S	High
Teak	S, P	Medium
Yew	I, DT	Very High
Zebrawood	S	Medium

Source: Robert Woodcock, RN, BSN, CEN

## How to Order

### ► Phone - 1.800.732.4065 Toll-Free

Our hours are Monday - Friday 8:30am - 5:00pm EST

### ► Internet - [www.oneida-air.com](http://www.oneida-air.com)

You can shop on our online web store 24 hours a day.  
E-mail us at: [info@oneida-air.com](mailto:info@oneida-air.com).

### ► Mail - Oneida Air Systems, Inc. 1001 W. Fayette St., Syracuse, NY 13204

You can mail in your order and we will send you back a confirmation by e-mail, fax or mail. Be sure to include your name and a daytime phone number.

### ► Fax - 1.315.476.5044

You can fax your order in anytime and we will send you back a confirmation by e-mail, fax or mail. Be sure to include your name and a daytime phone number

## Methods of Payment



Checks, Money Orders or C.O.D.

## Terms and Conditions / Shipping

Oneida tries to ship orders out in a timely manner, however sometimes delays and back orders are inevitable. Oneida will not be held responsible or liable for these conditions or the way they may effect your production. Back orders will be shipped when they are available. When orders are shipped UPS, UPS will notify you by e-mail. If shipped by Common Carrier, you can arrange for the trucking company to notify you and make arrangements for delivery. Shipping method is determined by Oneida Air Systems and is dependent upon material to be shipped and destination. You are not charged until your order is shipped.

### ► Checking in Order

Please look over the shipped order very carefully in the presence of the delivery person for damage or incomplete shipment before signing the delivery receipt. Please note any tears or irregularities in shipping packaging, however slight, on the shipping delivery receipt. This could be an indication of extensive concealed damage. The shipping company will not take responsibility if the damage is not noted on the delivery receipt. In the event of shipping damage, call OAS Customer Service immediately at 1.800.732.4065 so we can expedite replacements. Please check in all parts within 3 days from receiving order. Notify OAS immediately of any missing or incorrect parts. OAS does not accept any claims for damage or shortage after 3 days from date of delivery.

### ► Limited Warranty

Oneida Air Systems™ warrants the products manufactured by Oneida Air Systems, for a period of 1 or more years 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.**

### ► Safety Warning - Please Read

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.**

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks, cement and other masonry products.
- Arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles. Oneida Air Systems recommends using additional approved safety equipment such as an approved OSHA and NIOSH dust mask or respirator.

*Oneida Air Systems makes every effort to accurately represent our products, specifications and prices; however Oneida Air Systems reserves the right to make changes to products and prices at any time. As a manufacturer, Oneida Air Systems reserves the right to change product designs and specifications at any time.*

### ► Delivery Risk of Loss

Products will be shipped to Buyer's single destination. Title and risk of loss shall pass to the Buyer upon delivery to such destination. Buyer pays transportation expenses. Dates of shipment are advisory and Oneida Air Systems will make reasonable efforts to ship on or before the date states for shipment, however, Oneida Air Systems shall not incur any liability for failure to ship on that date.

### ► Returned Goods Policy

Buyer must inform Oneida Air Systems 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 covered under the limited warranty, are subject to inspection and investigation by Oneida Air Systems. Oneida Air Systems reserves the right to inspect and investigate all returned products before Buyer's claim is settled. All products returned for a refund must be unused and resalable and purchased within the last 30 days. There are no refunds on flex hose or custom made components. There will be a 25% restocking fee applied to any returned items. Buyer must call and obtain a Return Material Authorization Number (RMA #) prior to making a return. All merchandise must be shipped to us prepaid.



*"This is what 'Made in the USA' used to be. Solid, well-built and man, does it pull the dust! Thank you for a great product!"*

- J.H. Michigan



**Solving Your Dust Collection Problems Since 1993.**

*The buyer is cautioned to install and operate Dust Collectors in accordance with prescribed Federal, State, OSHA, NFPA, local codes and regulations. This equipment should be installed / wired by a licensed electrician following all applicable codes. Local codes can be significantly different from national codes. The customer assumes the responsibility for contacting their insurance underwriter with regard to specific application requirements of venting or if additional fire protection and safety equipment may be required.*

Uvoznik in distributer:



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Miševa ulica 8  
1230 Domžale

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I: [www.ptk.si](http://www.ptk.si)