



Powerful ■ Economical ■ Made in the USA



5hp High Vacuum Dust Collector Quote Sheet

1.800.732.4065

www.oneida-air.com

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 shops. OAS designs and manufactures industrial grade dust collection systems that create a practical, safe and healthy work place environment.

The Oneida Advantage



Made in the USA!

**Our entire system is ETL
safety certified.**



① **Motor**

U.S Made Baldor Motor 5 hp, Class F TEFC Motor

Magnetic Starter with on/off switch and amperage overload protector.

② **Fan Wheel / Fan Housing**

Cast Aluminum Alloy 356T-51, non-sparking, non-ferrous as required NFPA fire code.

No Rivets or Welds

Extremely Strong

Backward Incline design. Designed for high performance low noise.

Dynamic two-plane balanced to ISO 6.3 Specifications. (Same as aircraft turbines.)

Fully Welded Fan Housing

11 ga. Motor Housing Plate

③ **Cyclone Construction**

Cyclone Technology eliminates filter maintenance.

8" solid welded inlet with neutral vane.

16 Gauge cyclone barrel with solid welded construction.

Powder coated paint finish over heavy gauge steel.

Outlet can be rotated independent of inlet - 8 bolt patterns

④ **Filters - (1) 18"x 39" & (1) 18"x 19.5"**

155 sq. ft. filter area.

Accredited independent lab testing verifies filter media filtration of 99.9% of test material from 0.2-2.0 microns @ 11 FPM.

Filters have wide pleat spacing and teflon like interior coating for easy dust release.

Filter Grounding Wire



Hepa Filter Media Available

HEPA rating captures 99.97% of particles 0.3 microns in diameter.

⑤ **Internal Silencer**

Built in Silencer reduces sound to 75-81dBA @ 10'. Patented design.

⑥ **Dust Drums - ODK551001**

55 Gallon Steel Drums. Others Available.

Bag Gripper available. Line dust drum with an easy to empty plastic bag.

⑦ **Angle Iron Stand - STG023055**

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



Patented Internal Silencer
Outlet can be rotated independent of the inlet

System Performance

- ▶ 2150 CFM @ 2" SP w/ Filter

System Dimensions

- ▶ Height w/ 55 Gallon Drum: 108"
- ▶ Footprint w/ Ext. Cartridge: 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
- ▶ Fully Seam-Welded Construction

Integral Fan Blower

Industrial Quality Motor

- ▶ U.S. Made Baldor
- ▶ 5hp Single or Three Phase
- ▶ TEFC Motor
- ▶ Insulation Class F
- ▶ Voltage: 1 Phase, 230V / 3 Phase, 208-230/460V
- ▶ Amperage: 1 Phase, 19.5A / 3 Phase, 13.2-12/6A
- ▶ Cast Aluminum Alloy 356T-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

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

Sound Level

- ▶ With Standard Silencer & Filter: 75 - 81 dBA @ 10'

Dust Bin

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

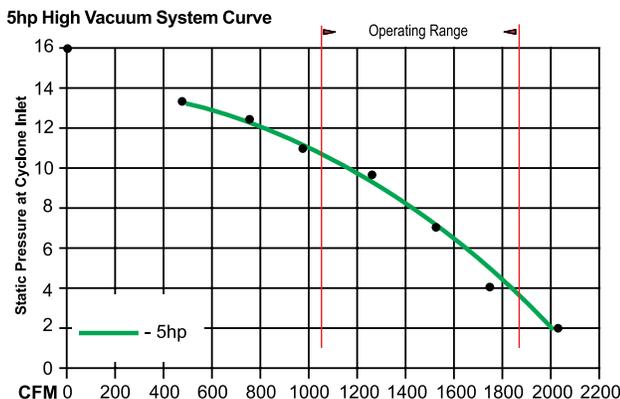
Included

- ▶ Filter Efficiency Gauge
- ▶ Heavy Duty Angle Iron Stand
- ▶ Patented Internal Silencer
- ▶ Ductwork Design Service
- ▶ Magnetic Starter - w/ On-Off Switch Preset for Add-On Remote with Amperage Overload Protector (1 Phase)
- ▶ Filter Grounding Wire

Options

- ▶ Bag Gripper, Plastic Bag Hold-Down System
- ▶ Hoppers / Multiple Drums
- ▶ Bin Level Indicator
- ▶ Airlock
- ▶ Remote Starter - Radio Frequency - 1 Phase only
- ▶ GE HEPA (H-12) Filter Media)

System Curve



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

Oneida 5hp High Vacuum

Part #	Description	Price
XXK050133	5hp High Vacuum 1 Phase	\$3,824.00
XXK050333	5hp High Vacuum 3 Phase	\$3,824.00

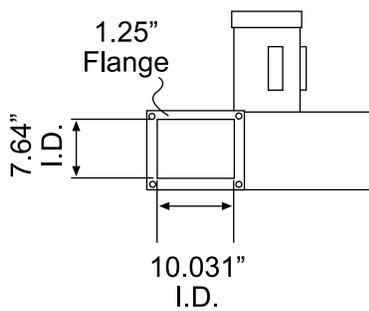
*This proposal may be withdrawn by Oneida Air Systems if not accepted within 30 days.

Dimensions

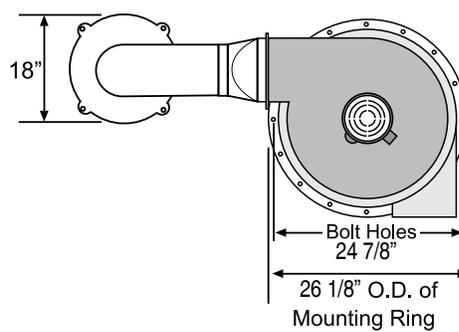
For minimum mounting heights with 55 gal. drum



Outlet Size



Top View



Let OAS help you design your dust collection system

Ductwork Design

With a system purchase and the placement of a refundable shop plan design fee, engineers and qualified technicians will size and design a custom dust collection system complete with ductwork layout including the proper pipe dimensions to run to each piece of equipment.

Trained sales technicians are available to answer questions: 1.800.732.4065

Ductwork Estimate:

Snaplock pipe & Components (24 - 26 gauge) is available with this system and costs approximately \$225 - \$250.00 per woodworking tool port. Average cost estimate for ductwork:

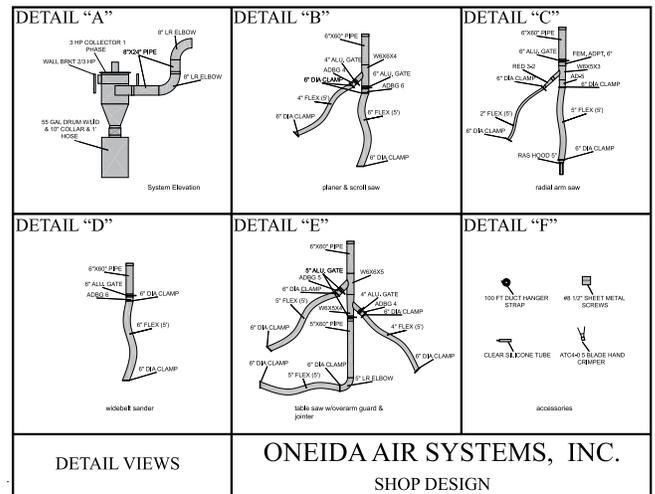
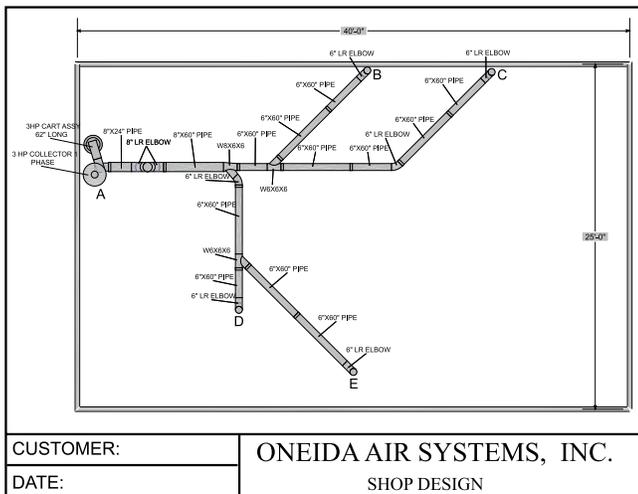
$$(\text{\# of Machines}) \times \$225 - \$250.00 = \text{Ductwork Estimate 24 - 26 Ga. ductwork}$$

Spiral pipe (24 Ga.) and heavy elbows are available with this system and costs approximately \$325 - \$350.00 per woodworking tool port. Average cost estimate for ductwork:

$$(\text{\# of Machines}) \times \$325 - \$350.00 = \text{Ductwork Estimate 24 Ga. spiral pipe \& heavy gauge elbows}$$

Shipping:

Snaplock shipping is free on \$300+ ductwork order / 48 states / Some restrictions apply.



**Ready-to-Ship
Ductwork**



"Service was always great. One of the main reasons I chose Oneida was for the design service and it was all that I hoped for. I felt that the system recommended to me was exactly what my shop needed."

- R.W.

Accessories



Fiber and Steel Drums

Part #	Description	Price
SDK551001	55 Gal. Fiber Drum Kit 10"	\$99.00
SEK551001	55 Gal. Steel Drum Kit 10"	\$149.00

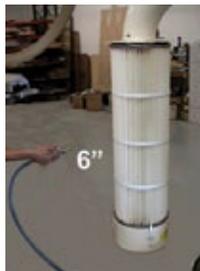
Kit includes Flex Hose & Hose Clamps



No line of sight required.
Radio frequency.

Remote Control Switch

Part #	Description	Price
AXR220000	Remote Control Switch	\$77.28



Filters are easily cleaned by blowing from the outside with compressed air.

Replacement Filters

Part #	Description	Price
FCS182000	18" x 19.5" Spun-Bond Filter	Call for Pricing
FCS183900	18"x 39" Spun-Bond	
FCS186200H	18" x 62" HEPA Media Filter	

Spun-Bond filters 99.9% of test material from 0.2 - 2 microns. GE Certified (H-12) HEPA Media / MERV 16+ rated



Enables you to line your dust drum with a plastic bag for easy, safe dust disposal.



Drum Liner - Plastic Bag Hold-Down

Part #	Description	Price
ABX000035	35 Gal. Hold-Down	\$48.00
ABX000055	55 Gal. Hold-Down	\$58.00

Pat. #
8,514,090



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.

Dust Sentry™

Part #	Description	Price
AXB999110A	Dust Sentry Sensing Unit	\$148.00



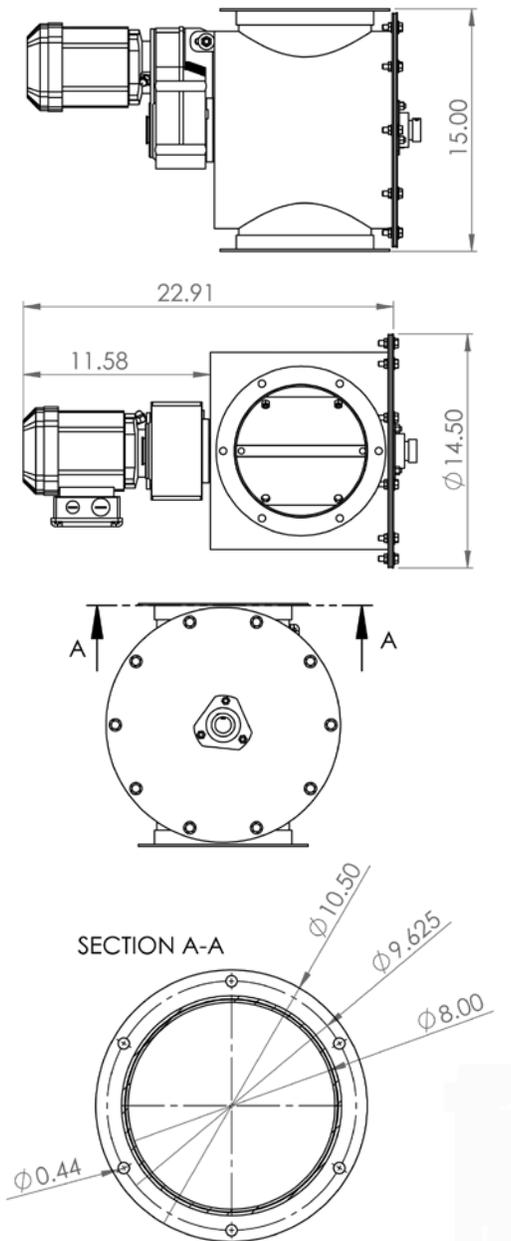
The Universal Drum Dolly works with all of Oneida's drums. This includes 5 / 10 / 17 / 35 / 55 gallon drums.

Universal Drum Dolly

Part #	Description	Price
SDD990000	Universal Drum Dolly	\$89.00

Oneida Air Systems™ Rotary Air Lock - SAZ080000A

This compact, rotary air lock was designed with smaller systems in mind. It will allow for any size dust container reducing shut down time to empty dust bins, limit dust exposure and material back up in the dust collection system. It is economical to run and uses far less energy than standard air locks.



Features:

- Fully seam-welded cold rolled steel.
- Durable, powder-coated finish.
- Easily replaceable seals.
- 1/4hp, 230 v, 3 phase, helical drive is compact, durable and quiet. Made in USA.
- 13 rpm rotation for less seal wear.
- Volume per minute at 100% loading = 3.75 Ft.³/ Min.
Volume per minute at 30% loading = 1.1 Ft.³/ Min.
- Not intended for severe duty. Designed for dust only. (Wood and other non-explosive dusts.)
- 8" dia. inlet. Reducers and adapters available.
- Unit weighs only 72 lbs. and ships via UPS.
- Assembles in minutes.

Part #	Description	Price
SAZ080000A	Rotary Air Lock	\$ 2384.00

Items Not Covered By Quote

1. Control System: Panels, wiring, system control, breaker or starters unless noted in this quotation.
2. Freight cost, custom fees, duty or loading of freight unless noted in this quotation.
3. Federal, state, municipal or other government excise, sales, use occupational or other like taxes now in force or to be enacted unless noted in this quotation.
4. All labor required for installing the equipment.
5. Anything not specifically mentioned in this quotation.
6. Oneida Air Systems, Inc. reserves the right to void this quote in the event of a typing error or gross oversight.

WARRANTY	WARRANTY	WARRANTY	WARRANTY
90 Days	1 Year	2 Years	5 Years
Dust Deputy's Bag Gripper Remote Control Electronic Items	V - Systems Dust Cobras Mini-Gorillas	Smart Portables Gorilla Portables Super Dust Gorillas Hi-Vac Systems Direct Drive Systems Pulley Drive Systems	Pro 1500 / 2000 Smart Pro Systems* (*2 Yr. Motor Warranty)

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.