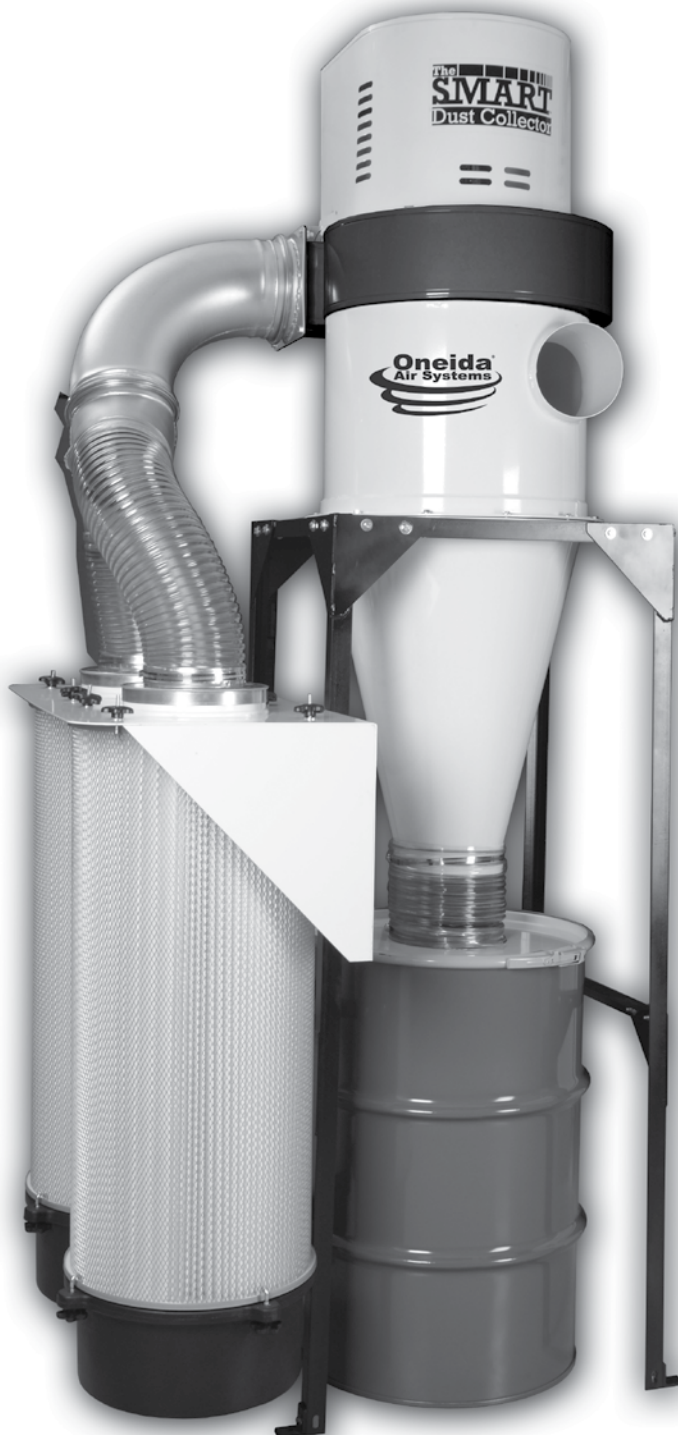


5hp Smart Hi-Vac™ Dust Collector - XXS050333

ZBM000105



2_14



Pat. # 8,491,685

Models may vary slightly
in appearance.

Oneida Air Systems, Inc. 1001 West Fayette St., Syracuse, NY 13204
Phone 1.800.732.4065 315.476.5151 Fax 315.476.5044 www.oneida-air.com

Thank You for Choosing an Oneida Air Systems Product!

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

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

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*Proudly Made
in the USA*



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I. System Start-Up Information

1. Read the installation and maintenance instructions as well as the recommended safety practices in this manual
2. Install ductwork completely before operating collector:
 - A.) Seal ductwork with silicone sealant or duct tape.
 - B.) Have dust bin in place and sealed.
3. Motor is pre-wired at the factory. If magnetic starter trips circuit, check the following:
 1. Dust drum securely fastened to discharge of cone?
 2. Is ductwork installed at cyclone inlet?

Caution

The Dust Collector & Fan / Blower is heavy! Handling and installation should always be performed by experienced and trained personnel who have experience with rotary equipment. In addition to the following instructional manual, care should be taken to ensure compliance with specific safety requirements mandated by federal, state and local codes.

Warning

Do not operate Fan / Blower unless Fan Housing is attached to Cyclone body and Dust Drum is in place. Dust Drum and Cyclone must be in place and sealed or motor will overheat!

Warning

If amperage is too high - shut down immediately! See Troubleshooting section.

The Smart Hi-Vac Collector should not be put outside without a customer provided protective enclosure.

**For Customer Service:
866 - 387 - 8822 or customerservice@oneida-air.com**

II. General Specifications & Fan Performance Curves

XXS050333

Outlet can be rotated independent of the inlet



Patented Internal Silencer

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

System Performance

- ▶ 1789 Max. CFM

System Dimensions

- ▶ Height w/ 55 Gallon Drum: 107"
- ▶ Footprint w/ Ext. Cartridge: 40" x 48"
- ▶ Inlet Diameter: 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
- ▶ 5 Horsepower
- ▶ Voltage: 208 - 230V - Three Phase
- ▶ Amperage: 15A
- ▶ 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

- ▶ 110 Sq. Ft. per Filter (220 Sq. Ft. Total)
- ▶ 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: 84 - 85 dBA @ 10'

Dust Bin

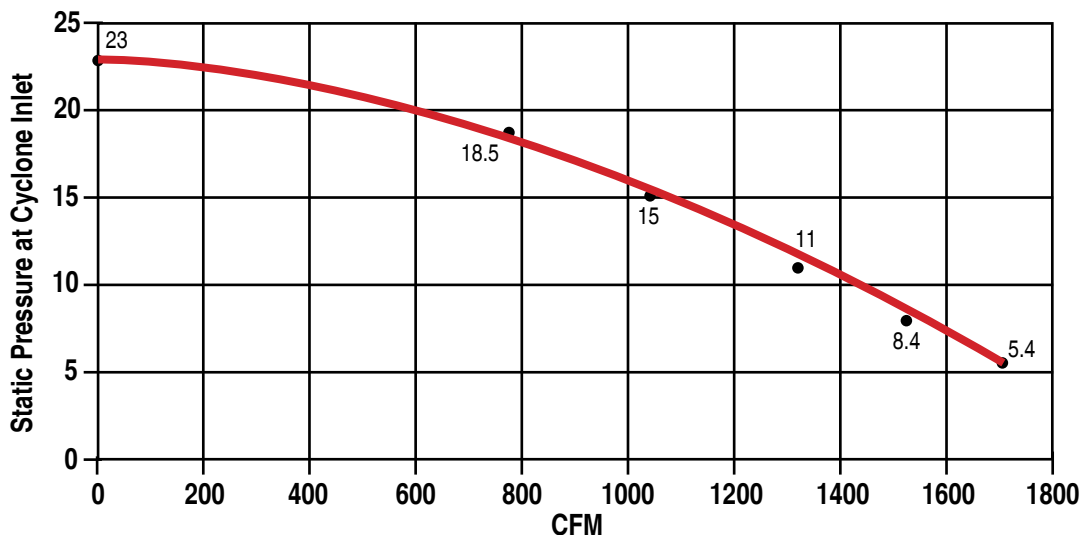
- ▶ 55 Gallon Steel Drum

Included

- ▶ Patented Internal Silencer
- ▶ Remote Starter
- ▶ FREE D.I.Y. Duct Design Guide
- ▶ Filter Grounding Wire
- ▶ Dust Sentry™ - Infrared Drum Level Sensor

Options

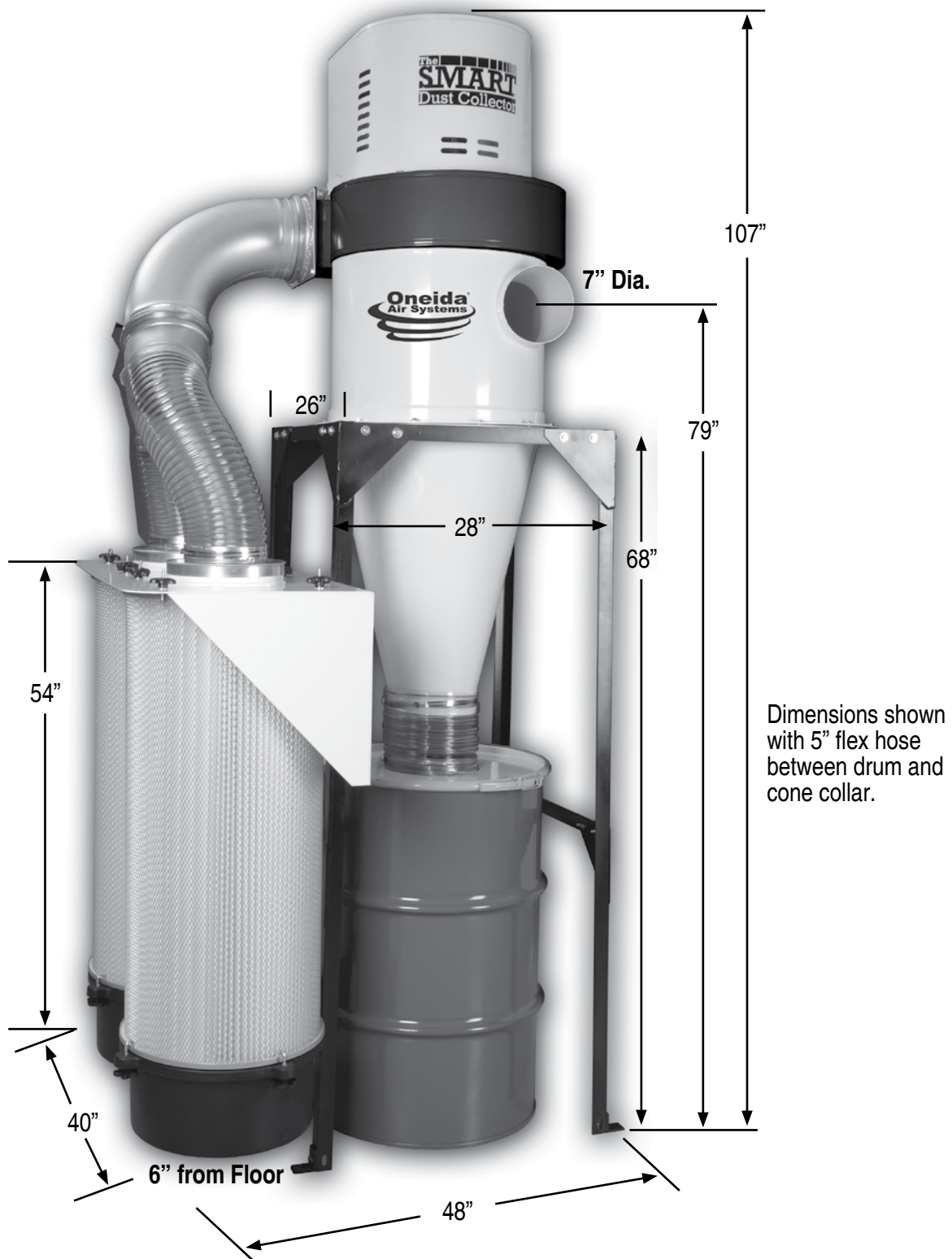
- ▶ Duct Design Service
- ▶ Drum Liner Plastic Bag Hold-Down System



III. Dimensions

For Minimum Mounting Heights w/ 36" Filter & 55 Gal. Drum

*Dimensions subject to slight variation in manufacturing.



IV. System Contents *Not to Size



Smart Hi-Vac Systems Parts List

SCX002109 - Cyclone Cone - 1
 SXI002108 - Cyclone Barrel - 1
 BHX020005B - Fan Housing - 1
 BHX001803 - Blower Cowling - 1
 BXI050318 - Motor 5hp 3ph Smart- 1
 FPZ000018 - Dust Bin - 2
 FCS183900 - Filter 18"x 39" Spun Bond - 2
 FPX020018 - Plenum Plate 2 Filter 18"- 1
 FPX010018 - Filter Plate - 1
 BSC180000 - Filter Silencer - 2
 AFJ051602 - J Bolt 5/16-18 x 2" - 8
 AFT000001 - Thumb Nut 5/16 x 18 - 8
 ACB120000 - Clamp Band 12" Dia. - 6
 SES550000 - Drum Steel 55 gal. inclds. Clamp
 DHF090000 - Flex Hose 9" dia.
 Plenum Elbow - 1
 Pants Wye - 1
 7" Flex Hose - 2

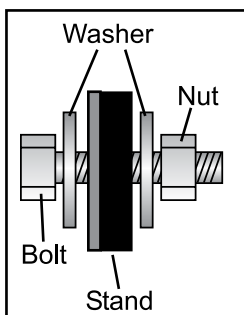
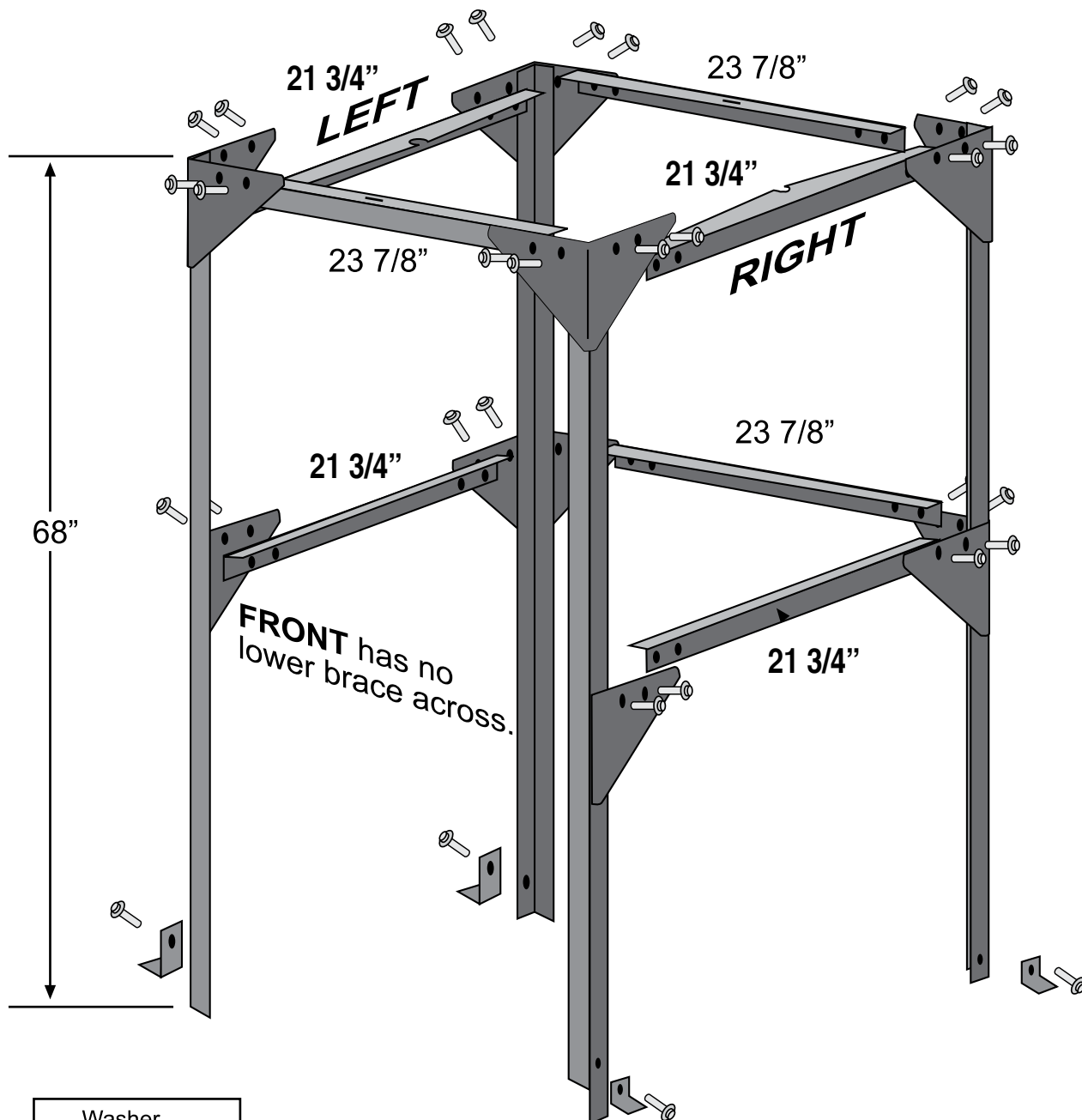
Stand Parts List

SXX000068 - 68" Tall Leg Set - 1
 SXX000021 - 21" Brace Set - 1

Hardware Kit - AHX001800

AFB155155 - Flange Bolt 5/16-18 x 1 - 15
 AFB155190 - Hex Bolt 5/16-18 x 1 - 12
 AFS015100 - Hex Bolt 3/8-16 x 1 - 7
 AFS015700 - Hex Bolt 3/8-16 x 1 - 3
 AFT000004 - Whiz Nut 3/8 - 10
 AFT010916 - U Spring Nut 9/16 - 4
 AFT051618 - U-Spring Nut 5/16 - 8
 AFW190000 - Washer 3/8 - 20
 RGZ025050 - Gasket - 25 ft.
 FGA000001A - Drum Ground Cable 14"-1
 AFS013000 - 8-18 x 3/8" Self Tapping Screws - 2
 AFS010075 - Screw #10 - sheet metal x 3/4 - 4

(32) 5/16 Nuts



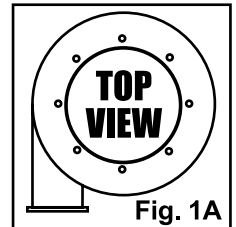
VI. General Assembly Instructions

Do NOT use hook on motor to lift unit.

With all assemblies, make sure rectangular air outlet is oriented on Fan/Blower housing as you are looking down as in Fig. 1A or facing it as shown in diagrams. This is very important.

Before you start, make sure you have cut and placed the provided gasket material on top and bottom of the Fan / Blower housing and the Cone as shown in the diagrams. Then determine which direction you want your filter to hang and which direction your ductwork will enter the collector.

When units are assembled, they are very heavy and top-weighted. Make sure you have adequate assistance and study equipment when you are assembling them.



Stand Assembly - Pg.6

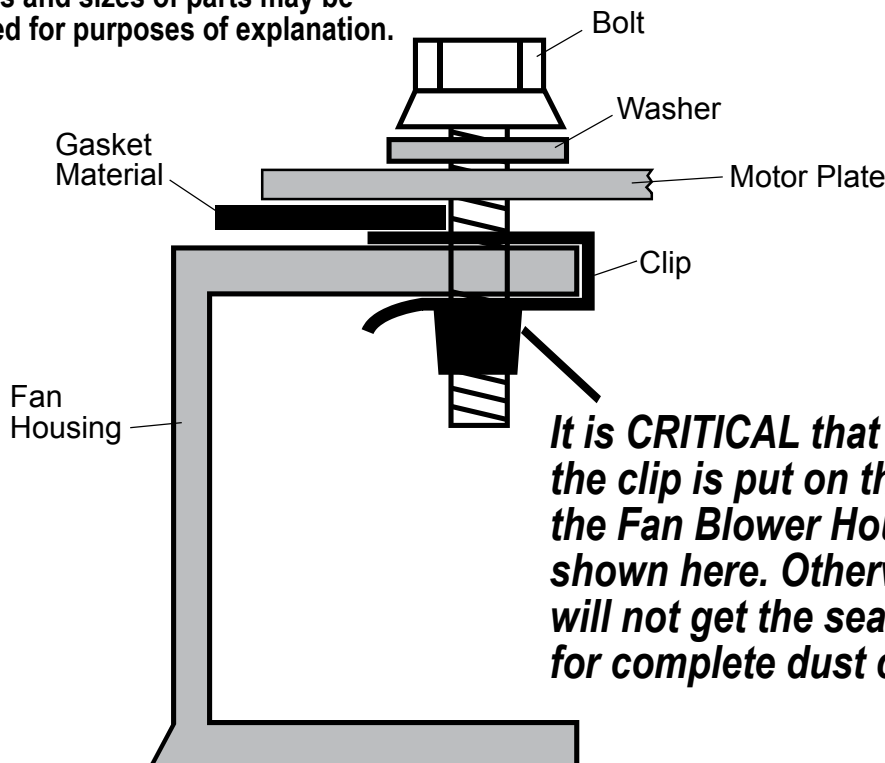
Assemble stand first, then bolt cone and barrel to stand. Lay stand on its' side then bolt Fan / Blower Housing and Motor to the Barrel. Then carefully lift system into position. Screw Motor Cowling to Motor. See below for complete instructions.

Instructions for Attaching Motor Plate to Fan Housing. See Next Page For Details

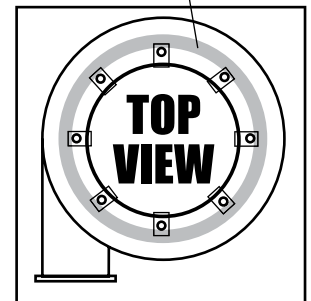
1. Push clips onto inside circle on Fan Housing, making sure clip is pushed all of the way on, that the bolt holes are in alignment with the clip holes and that the small barrel on the clip is on the INSIDE of the Fan Housing as shown in diagram.

2. Stick the gasket material around the Fan Housing as shown in the diagrams, outside of the bolt circle. Making sure of a complete seal. Dust collection systems cannot operate effectively without being tightly sealed with no air leaks.

Proportions and sizes of parts may be exaggerated for purposes of explanation.

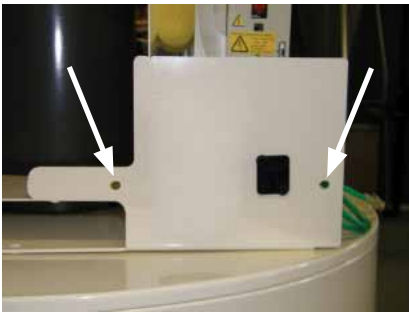


Gasket material goes outside of clip holes on top of fan housing.

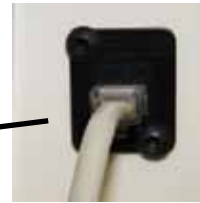


It is CRITICAL that this part of the clip is put on the inside of the Fan Blower Housing as shown here. Otherwise you will not get the seal needed for complete dust collection!

1. Attach gasket (RGZ025050) to the top of cyclone cone (SCX002109). Make sure you apply it inside the bolt holes around the cone top and it is important that you do not leave any gaps where the ends of the gasket meet.
2. Lift cone onto stand making sure to align the holes in the stand with the holes in the cone.
3. Attach Fan Blower Housing (BHX030009) to barrel (SXI002108) on floor. Put gasket material around top rim of barrel, outside of the bolt holes, again making sure that there is no gap where the ends meet. Make sure that the housing's outlet is oriented in the direction that fits your shop layout and the pre-installed nuts are on the underside of the top. Attach barrel with (8) 5/16 Flange bolts (AFB155155) and (8) 5/16 washers (AFW180000). You will not need any nuts. They are already installed in the barrel. Attach gasket to top of blower housing inside of the bolt holes.
4. Attach motor (BXI050318) to the blower housing using (7) U Spring Nuts (AFT051618), (7) 5/16 flange bolts (AFB155155) and washers (AFW180000). Even though there are 8 holes, one hole will be covered up by the smart motor plate. **The motor is very heavy and cumbersome! Be sure to have adequate help to lift it up! Be extremely careful that you do not pinch any of the electronics under the plate.**
5. With the help of another person, lift the assembled unit up onto the cone, aligning the holes in the bottom of the barrel with the holes in the cone, making sure you have the barrels inlet in the proper position for your layout. Attach the unit to the bracket using the (3) 3/8 x 1" Hex bolts (AFS015700) with a washer on top of barrel rim and a washer below the bracket (AFW190000) and fasten with a whiz nut (AFT000004). Now fasten barrel to cone with (9) 5/16 bolts (AFB155190) with a washer on top and bottom (AFW180000) and a whiz nut (AFT155175).
6. Attach (2) U-Spring clips (AFT010916) to either side of the motor with the flat side of the clip facing out. Motor cowling will not fit otherwise. Put cowling (BHX001803) over the motor and attach with (2) sheet metal screws (AFS010075) on each side by screwing into spring clips.



Plug in Starter



You can attach your Control Box to a wall by screws, or to your collector by double sided velcro or magnets or you can just set it on the dust bin top.

You must let your dust collector completely stop before you restart your collector. If you can't restart your collector, see the Troubleshooting section of the manual.

7. Next attach Plenum Plate (FPX020018) to the pre-drilled holes in the stand legs, making sure that they are on the correct side for your collection purposes.



8. Next clamp Elbow to Fan Housing outlet (Fig.1), then clamp pants wye to elbow (Fig. 2). Attach the appropriate lengths of the 7" flex hose to the pants wye and the attach to the plenum plate with clamp bands. (Fig. 3 & 4)



Fig. 1



Fig. 2



Fig. 3

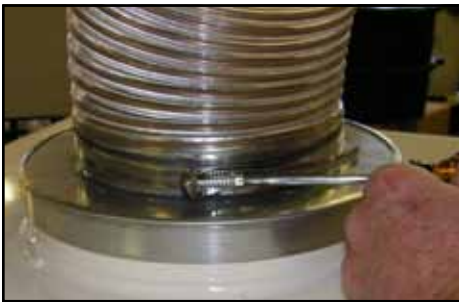


Fig. 4

9. Use J-Hooks and Thumb Nuts to secure filter to the Plenum Plate (Fig. 5), then attach Dust Bins to bottom of filters with J-Hooks and Thumb Nuts (Fig. 6).

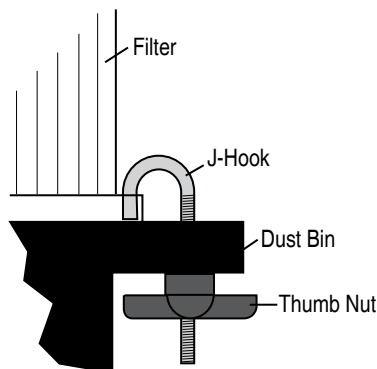


Fig. 5

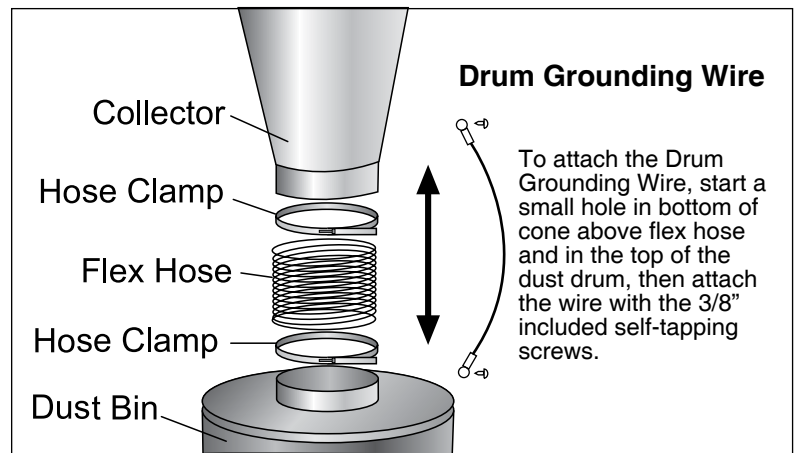
Drum Assembly

Distance between the drum lid and cone can vary. Some systems have little space there to minimize overall system height. In some cases, the flexible hose will have to be cut down (especially with stands). OAS ships 1' of hose as standard but this is not necessarily the needed length once the system is installed.

Tools Needed: Razor Knife / Diagonal Cutters

Measure length between drum lid and collar of cone.

Measure hose while it is extended (don't overly compress the hose). This allows the lid to move up when installed. Cut the hose with razor knife and then cut the wire with diagonal cutters. **Don't cut too short! If in doubt, cut a little long.** Trim if necessary.

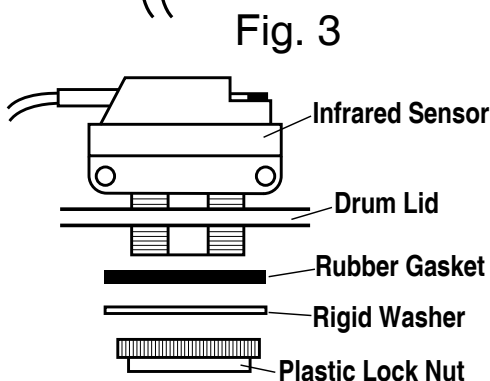
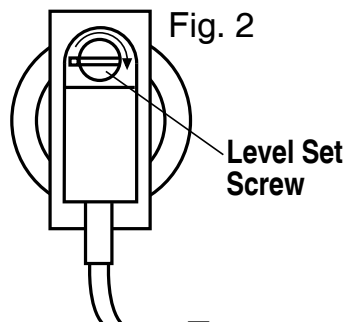
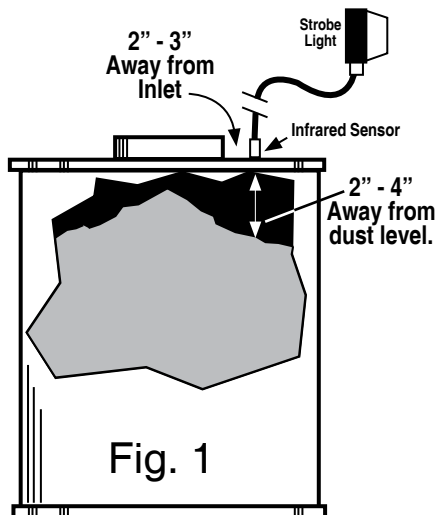


Infrared Drum Level Sensor Assembly

*The placement of the Infrared Sensor is **very important**. The Sensor should not be more than 2 or 3 inches away from the inlet to the container. If it is farther away, it may not alert you to the overfilled dust level until it is too late. If it is too close to the inlet, the dust haze from incoming material may make the strobe light flicker.*

1. You will need to drill a 3/4" hole in the lid of your container. A distance of 2" to 3" away from the inlet should be good.
2. You must set the detection level on the sensor. It should detect from 2" to 4" away depending on color and texture of dust. **[Fig. 1]** To set the detection level, turn the Level Set Screw **[Fig. 2]** to the 1/4 position as shown. Test the level sensitivity with your hand. If your sensor needs further adjustment, turn the Level Set Screw clockwise to increase detection height.

3. Unscrew the plastic lock nut from the bottom of the Dust Sentry. Put sensor through the drum lid, then through the rubber gasket, then the rigid washer as shown in diagram **[Fig. 3]**. Replace the plastic lock nut and tighten. Do not over-tighten.



Filter Grounding Wire

Attach the ring terminal on the green ground wire from the motor to a bolt on the filter plate, under the nut. Then attach the alligator clip to the filter cage as shown in Fig. 1.

Figure 1



IX. Filter Maintenance

External Filter Cartridge Cleaning Intervals

When unit is turned off, use compressed air to blow dust off from exterior of filter. Hold nozzle at least 6" away from filter pleats*. Do not remove bottom dust pan before or during the blow-off process! Let dust settle into dust pan. Unclip and dump out dust. Filter removal is not required.

**WARNING: A close, direct blast with the compressed air nozzle too close to filter, may damage filter media. Always wear safety glasses while blowing off filter.*



Caution: Fine dust collected in filter is hazardous to your health! Do not breathe!

Fan / Blower & Cyclone Outside Placement

Fan / Blower has a TEFC - Totally Enclosed Fan Cooled Motor.
Note: Use steel drum when placed outside.

Shown with optional Stand.

Before Operation:

Mount system and connect cyclone and dust bin. Make sure dust bin is in place and ductwork is connected to inlet before turning on the dust collector.

Do not operate Fan / Blower unless Cyclone and Dust Bin are in place! Motor will overheat!

Electrical Wiring:

Make sure power source matches wire voltage configurations on motor. Prior to connecting to the power line, check motor plate for proper voltage. Motor is pre-wired for counter-clockwise rotation. Fan wheel must rotate counter-clockwise if looking down on fan housing. Use 12 gauge cord for the fan / blowers.

**5hp Systems
require a 30
Amp breaker.**

Caution: Rotating Fan Blades! Keep objects clear of outlet.

Lubrication:

See pg.12 for schedule and specifications.

X. Fan Motor Maintenance

Per Baldor specifications, their 2 pole motors (3600 RPM) motors are to be relubricated **every 5500 hours**.

Table 1 - Service Conditions

| Severity of Service | Ambient Temperature Maximum | Atmospheric Contamination | Type of Bearing |
|---------------------|-------------------------------|---------------------------------------|--------------------------|
| Standard | 40° C | Clean, Little Corrosion | Deep Groove Ball Bearing |
| Severe | 50° C | Moderate dirt, Corrosion | Ball Thrust, Roller |
| Extreme | >50° C* or Class H Insulation | Severe dirt, Abrasive dust, Corrosion | All Bearings |
| Low Temperature | <-30° C** | | |

* Special high temperature grease is recommended.

** Special low temperature grease is recommended.

Table 2 - Lubrication Interval Multiplier

| Severity of Service | Multiplier |
|---------------------|------------|
| Standard | 1.0 |
| Severe | 0.5 |
| Extreme | 0.1 |
| Low Temperature | 1.0 |

Procedure:

Clean the grease fitting (or area around grease hole, if equipped with slotted grease screws). If motor has a purge plug, remove it. Motors can be regreased while stopped (at less than 80 C) or running. Apply grease gun to fitting (or grease hole). Too much grease or injecting grease too quickly can cause premature bearing failure. Slowly apply the recommended amount of grease, taking one minute or so to apply. Operate motor for 20 minutes, reinstall purge plug if previously removed. Caution: keep grease clean. Mixing dissimilar grease not recommended.

Per Baldor specifications, add .30 ounces (8.4 grams) of Mobil Polyrex grease by weight or .6 cubic inches (2 teaspoons) of Mobil Polyrex grease by volume.

XI. Accessories

Replacement Filter

FCS183900

18"x 39" / 110 Sq. Ft. Spun-Bond



Bag Liner Kit for 55 Gal. Drums

ABX000055

The Bag Liner Kit provides an easy way to hold down plastic bags in 55 gal. drums for easy disposal of waste.



XII. Troubleshooting

Motor Overheating

The motor's internal circuit breaker will trip if the motor is overheating.

Motor amperage too high - Shut system down.

Caused By:

- System should be completely bolted and sealed together.
- Ductwork should be completely installed and sealed with sealant.
- Air leaks between the collector and dust bin.
 - The lid of the dust bin and the cyclone must be in place and sealed when operating the dust collector.
 - Make sure flex hose is not torn and the hose clamps are tight.
 - Check drum lid; cover should have a foam seal and be well seated.
 - Check for holes or leaks in the dust bin barrel.
- Motor not properly wired. Check wire connections.
 - Check motor rotation - See wire diagram
- Check breaker box. Make sure incoming power supply matches motor specifications.

Note: If you continue to experience difficulty with your collector, call Oneida Air Systems at 1.800.732.4065 for assistance.

Poor Dust Pick-Up at Woodworking Machines

Caused By:

Improper motor rotation - Running backwards will reduce suction by 30%.

- Check length of duct runs and duct diameters compared to ductwork design guideline.
- Make sure all ductwork is sealed. Large air losses will occur even through small cracks in the ductwork. Use silicone, duct tape or duct mastic compound as a sealant.
- Check for air leaks between collector and dust bin.
- Close all unused blast gates at your woodworking machines.
- Examine hood design for weaknesses according to the ductwork guide.
- Check for a restricted pipe, too small a hood port or too small a branch line. See branch line diameter chart in ductwork guide.
- Be sure that your filter is clean. See filter cleaning directions.

Filter Clogging

Caused By:

- Air leakage between cyclone and dust bin. Cyclone and dust bin must be air tight. Even small leaks can will cause poor pre-separation in the cyclone.
- Large chips clogging the filter:
 - Check for a leak in the dust bin, flex coupling or lid. Check for split or torn flex coupling. (See also: Motor Overheating Section above.)
 - Make sure dust bin has not over filled. Dust bin should be emptied before dust reaches top of container.
 - Interruption of air flow, such as vacuuming chips with a flex hose connection, will increase filter maintenance.
 - Minimum 4" diameter pick up at tool location. Less than 4" will restrict air flow into collector and will increase filter maintenance, If there is not enough air entry in system, open more blast gates.
 - Make sure clamp around cyclone is tight and sealed with silicone.

Excessive Vibration

Caused By:

- Loose mounting bolts.
- Excessive system pressure or restriction of air due to closed blast gates.
- Accumulation of foreign material on the fan wheel.
- Inadequate support structure.

XIII. Fire Hazards - Read Before Installing and Operating

Wood shaping and cutting processes generate wood chips, shavings, and dust. These materials are considered combustible. Air borne wood dust below 420 microns in size (.017 of an inch) in certain concentration ranges when ignited can deflagrate (burn quickly).

An ignition source such as a spark or ember can ignite a dust mixture resulting in an expanding flame front which can cause an explosion if tightly contained. A disturbance that raises a cloud of accumulated fine dust can raise additional dust clouds, which can cause a series of explosions that can level an entire building. *Until this type of fire has been witnessed, it is difficult to believe the devastation. This type of fire is rare but worth safeguarding against.*

The best way to avoid a wood shop fire is to keep the shop clean. A shop ankle deep in dust with layers of fine dust everywhere is an accident waiting to happen. A good dust collection system reduces overall fire hazards but also adds new concerns. A fire hazard is still present. Combustible material is now in the dust collector and storage container.

The following points are worth heeding:

- It is the buyer's responsibility to follow all applicable federal, state, local, OSHA, NFPA, or authorities having jurisdiction codes and regulations when installing and operating this dust collector.
- Fire marshals may want the unit located outside of the building. If the collector is located inside the facility, controls such as spark detection, suppression, or explosion venting may be required.
- Most local jurisdictions consult or adopt NFPA (National Fire Protection Agency) codes. However, other codes may apply. Local codes may vary from jurisdiction to jurisdiction.
- NFPA 664 Code book, "Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities", applies to woodworking operations that occupy areas of more than 5,000 sq. ft. or to areas where dust producing equipment requires an aggregate dust collection flow rate of more than 1500 cfm (cubic feet per minute). This exempts some small operators from the NFPA code 664, but other codes may apply in your jurisdiction. Consult your local Fire Marshall for help. Additional information can be found in NFPA Code Book 664.

The customer assumes the responsibility for contacting their insurance underwriter with regard to specific application requirements of explosion venting or if additional fire protection and safety equipment may be required.

Do not use this product to collect other types of dust or flammable vapors.

Fire or explosion may occur!

- Never collect sparks from a bench grinder into a wood dust collector.
- Never introduce sparks or sources of ignition into the dust collector.
- Personnel should keep at least 20 feet away from unit.
- Check dust bin frequently and before leaving the shop for smoldering material.

Keep portable Fire Extinguishers handy.

- The ABC type (dry chemical) is generally a good choice for small wood shops. Additional information on portable extinguishers can be found in NFPA 10 (Standards for Portable Fire Extinguishers).
- Be especially careful with sanding units. They can produce concentrations of dust in the combustible range. Make certain enough air volume is at the suction point to capture all the particulate generated.
- This high air volume will dilute the mixture below the lower limit of flammability. Be careful not to generate sparks into the sanding dust.
- Empty dust bin and clean filter often, especially when sanding.
- Don't overload woodworking equipment, especially sanders. Excessive frictional heat can spontaneously ignite dust.

Sparks can be generated in several ways:

- High-speed sanders and abrasive planers may strike foreign material.
- Saws and edgers may strike foreign material and create a red hot metal fragment.
- Knots in hardwood can create frictional sparks.
- Tramp metal when drawn into the collector can spark against ductwork.
- Check wood stock for old nails and screws which can create red hot metal fragments.
- Avoid using excessively large wood waste storage bins.
- Always check storage bins for smoldering material before leaving for the day.
- Electrically ground all equipment and ducting. Static sparks can ignite wood dust. (Avoid using PVC drainpipe).
- Don't allow accumulation of layers of fine dust on horizontal surfaces. (Especially overhead lights, electrical boxes, and fuse panels which can ignite dust).

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

You can shop on our online web store 24 hours a day.
E-mail us at: 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. Purchaser is responsible for returning warranty items to OAS at their expense. All parts must be returned with an OAS provided Returned Material Authorization Number (RMA#). Any shipment without an RMA will be refused. 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.