



The Industry Leader in Dust Collection



Dust Deputy Low-Pro™ Lid Separator

Plus
AXD259911

Patents: www.oneida-air.com/patents

Appearance may vary slightly

Start-Up Information



READ THE SAFETY PRACTICES, INSTALLATION AND MAINTENANCE INSTRUCTIONS, AND YOUR WET/DRY VACUUM'S OWNER'S MANUAL BEFORE ASSEMBLING AND USING THE DUST DEPUTY.

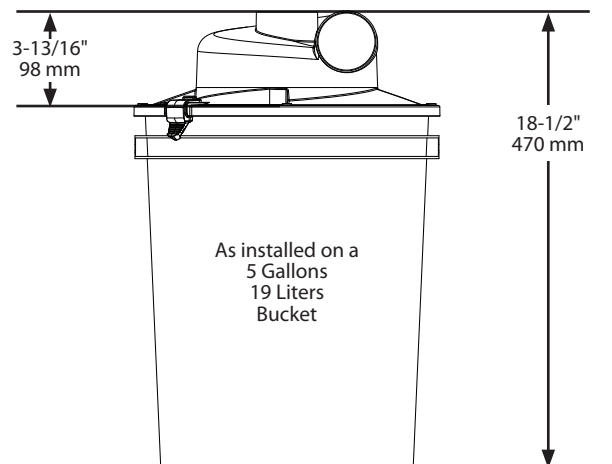
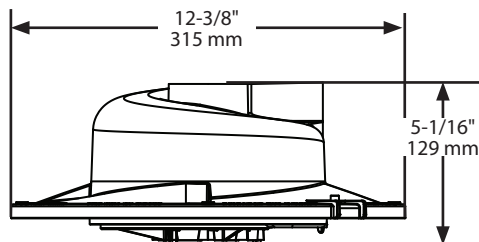
1. DO NOT use to pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
2. DO NOT collect flammable or combustible liquids, gases, or explosive dusts, such as gasoline or other fuels, lighter fluid, cleaners, oil-based paints, natural gas, hydrogen, coal dust, magnesium dust, grain dust, aluminum dust, sugar dust, flour dust or gun powder.
3. Can be used for collecting non-flammable liquids.
4. DO NOT use or store near hazardous materials.
5. DO NOT operate in areas where explosion risks are high. Areas of high risk include, but are not limited to, areas near pilot lights, open flames, or other ignition sources.
6. ALWAYS wear a NIOSH approved respirator when emptying dust bins and during operation. Dust created by machinery operations may cause cancer, birth defects, or long-term respiratory damage. Be aware of dust hazards associated with each work piece material.
7. NEVER introduce sparks or sources of ignition.
8. ENSURE all equipment and connections are electrically grounded.
9. ONLY operate in locations that has a fire extinguisher available nearby.
10. ALWAYS dispose of waste in a fire safe area after each use. NEVER leave wood dust in a building or vehicle. Wood dust mixtures are highly flammable and can be explosive.



SOME DUSTS ARE HIGHLY FLAMMABLE OR EXPLOSIVE. LEARN/ KNOW WHAT YOU ARE DEALING WITH. FOLLOW ALL LOCAL, STATE, FEDERAL & NFPA CODES AND GUIDELINES.

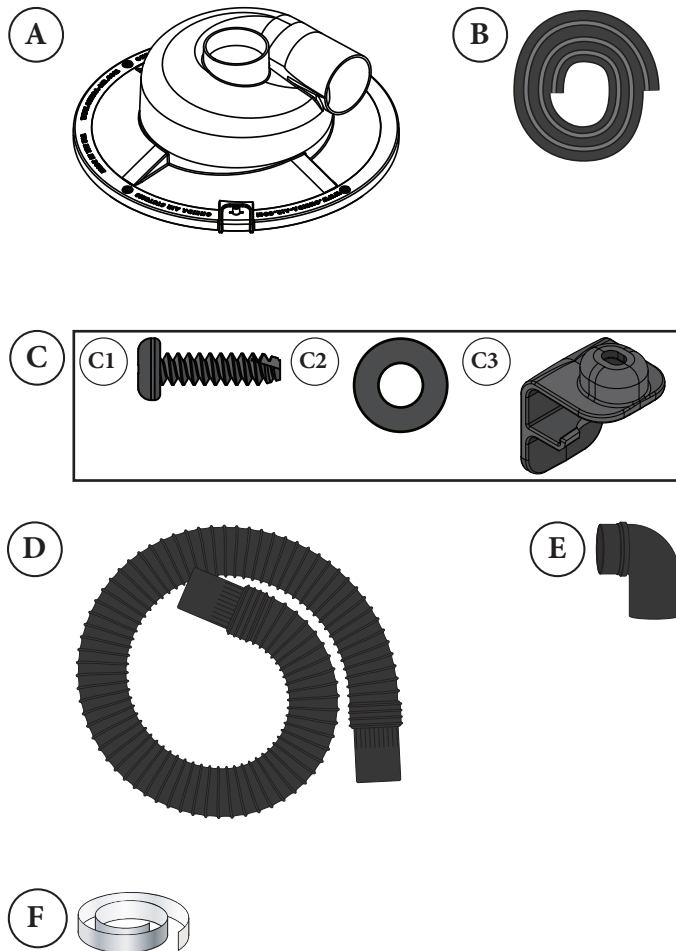
Dimensions

Nominal dimensions shown. Dimensions subject to slight variations in manufacturing.



System Contents

ID	Part number	Part description	Qty
A	SDL250000	Lid Separator	1
B	RGZ000005	5/8 x 40" Gasket	1
C	AHX000035	Latch Hardware Pack	2
C1	AFS000016SS	#8 x 5/8" Thread Cutting Screw	1
C2	AFW041010	Flat Washer	1
C3	AFL000009	Latch	1
D	AXD000031	2.5" x 36" Hose	1
E	AHA000004	2.5" Elbow	1
F	VFA050015	Metal Grounding Tape	30"



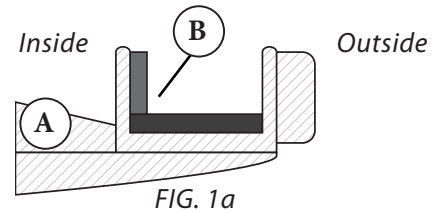
You will need the following:

- Phillips Head Screwdriver
- Wet/Dry Vacuum
- Bucket
- Vacuum hose and adapters (2.5" recommended)
- Scissors / Razor Blade

Assembly Instructions

1. Apply the 5/8" Gasket (B) onto the Lid Separator (A) along the underside of the rim's circumference [FIG. 1a & 1b].

Note: The Gasket ends should firmly butt up against each other to avoid air leaks [FIG. 1b]. Dust collection systems cannot operate effectively if there isn't a complete seal [FIG. 1c]. There must be NO air leaks.

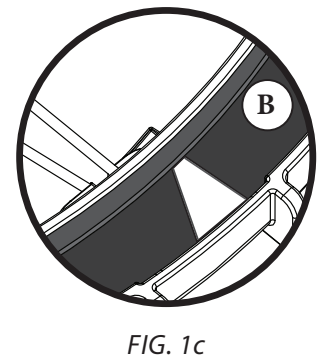
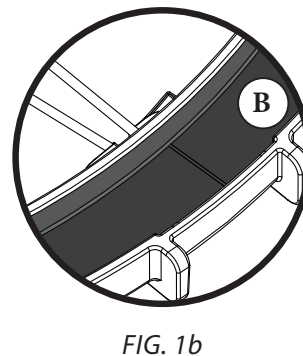


- 

Correct Installation
Gasket connects; Ends firmly butt up against each other.

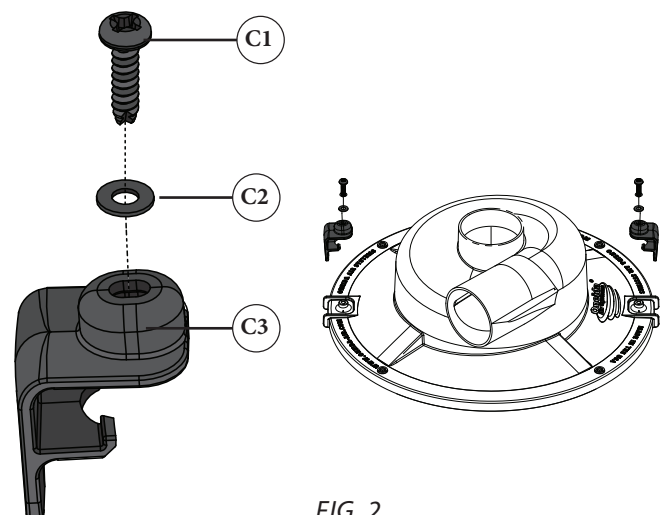


Incorrect Installation
Gasket does not connect; Gap between the ends.



2. Secure each Latch (C3) to the Lid Separator (A) using one Washer (C2), and one Screw (C1) as shown in [FIG. 2].

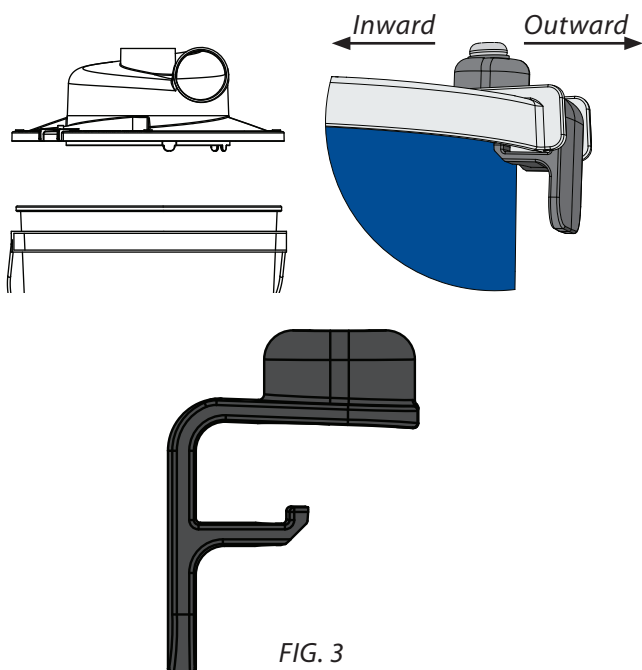
Note: Refer to the Optional Grounding Instructions section prior to this step if necessary.



Assembly Instructions

3. Simultaneously pull the Latches (C3) outward and snap the Low-Pro assembly firmly down onto your bucket so that the gasket is compressed. Then push the Latches inward and ensure that they are under the lip of the bucket [FIG. 3]. The latch Screw (C1) can be adjusted to better tighten the latches to the lip of the bucket.

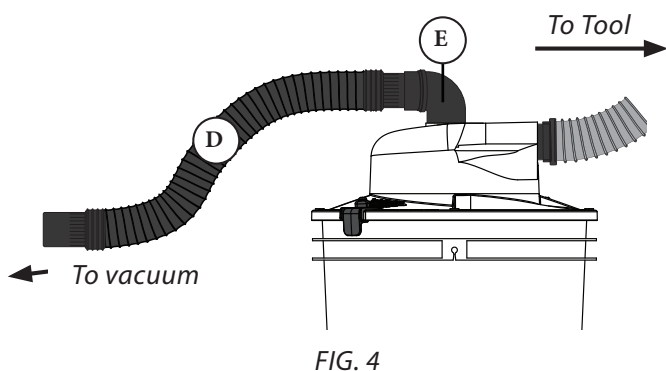
Note: It's normal for the Low-Pro to fit loosely but it will seal firmly shut under vacuum pressure.



4. Connect the Low-Pro's (A) top outlet port to your vacuum with Hose (D) and Elbow (E) as shown in [FIG. 3].

Connect the Low-Pro's side inlet port to your tool with your vacuum's hose [FIG. 3].

Note: Both ports accept standard 2.5" hose cuffs (OD $\approx$ 2.25").



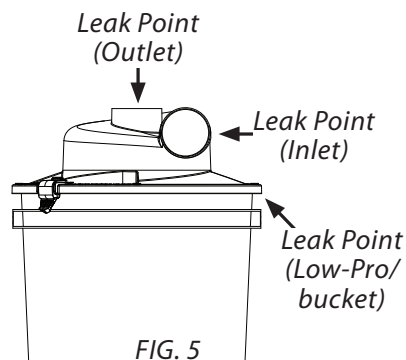
Assembly Instructions

5. Review [FIG. 5] for common air leak points.

To empty your bucket, lift up on the Latches (C3) and lift up the Low-Pro Assembly.

Installation is complete!

Note: Any air leak will affect separation performance. Make sure to check your dust drum frequently so you do not overfill it.



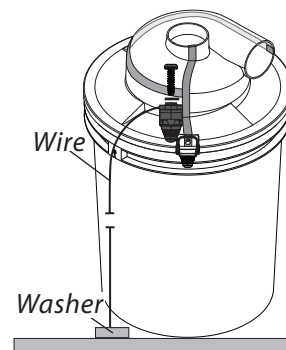
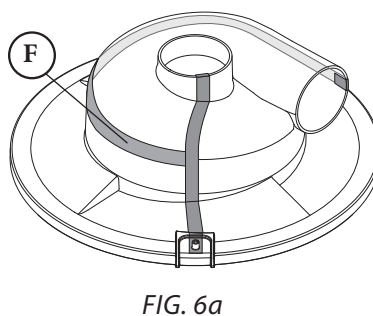
Optional Grounding Instructions



Recommended for fine dust situations or electronically sensitive applications.

6. Install the Metal Tape (F) to the Lid Separator (A) so that the inlet, outlet, and flange are attached by a continuous, conductive path as shown in [FIG 6a]. The Metal Tape should wrap 1/4" around the edge of each opening.

Note: For added grounding, attach a self-supplied wire with a ring terminal on one end and a washer tied to the other end when installing one of the latches in step 2. The wire must be long enough for the washer to lie on the floor [FIG 6b].



Troubleshooting

Scan here or visit: oneida-air.com/lowes-dust-deputy-low-pro
for more tips, videos, demos, and more!



Review the included document "Additional Troubleshooting" (ZBI000072)
for further clarification.

Limited Warranty Information

For full warranty terms and conditions please visit oneida-air.com/warranty. Oneida Air Systems warrants this product for a period of 1 Year, to the original purchaser from the date of purchase unless otherwise specified. Purchaser is responsible for returning warranty items to Oneida Air Systems at their expense. All parts must be returned with an Oneida Air Systems provided Returned Material Authorization Number (RMA#). Any shipment without an RMA will be refused.



Thank you for your purchase of this American made product!

Regardless of where you purchased your Oneida Air Systems' product, if you have any questions or issues with missing / damaged parts, please call us first to let us help resolve your problem. We fully stand behind the quality of our products and place the utmost value on the satisfaction of our customers.

We want to do everything possible to make your purchase and experience with Oneida Air Systems a good one!

Customer Service Department

1-866-387-8822 • support@oneida-air.com

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The Industry Leader in Dust Collection



Dust Deputy Low-Pro™ Tapa Separadora

Plus
AXD259911

Patentes : www.oneida-air.com/patents

La apariencia puede variar ligeramente

Información de Inicio



LEA LAS PRÁCTICAS DE SEGURIDAD, INSTRUCCIONES DE INSTALACIÓN Y MANTENIMIENTO, Y LEA SU MANUAL DEL PROPIETARIO DE SU ASPIRADORA HÚMEDA/SECA ANTES DE MONTAR Y UTILIZAR EL DUST DEPUTY

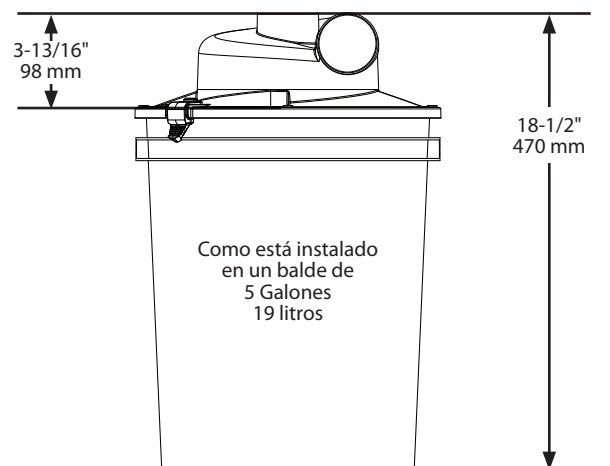
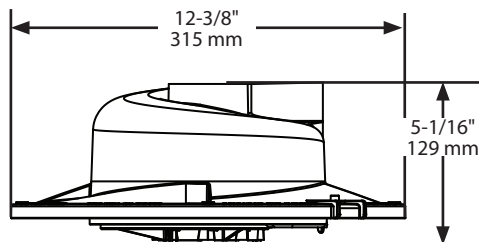
1. NO utilice para recoger nada que esté ardiendo o humeando, como cigarrillos, cerillas, o cenizas calientes.
2. NO recolecte líquidos, gases, o polvos explosivos inflamables o combustibles, como gasolina o otros combustibles, líquido de encendedor, limpiadoras, pinturas a base de aceite, gas natural, hidrógeno, polvo de carbón, polvo de magnesio, polvo de grano, polvo de aluminio, polvo de azúcar, polvo de harina, o pólvora.
3. Se puede utilizar para recoger líquidos no inflamables.
4. NO utilice ni almacene cerca de materiales peligrosos.
5. NO opere en áreas donde los riesgos de explosión sean altos. Áreas de riesgo alto incluyen, pero no se limitan a, áreas cerca de las luces piloto, llamas abiertas, u otras fuentes de ignición.
6. SIEMPRE lleve un respirador aprobado por NIOSH al vaciar los contenedores de polvo y durante la operación. El polvo creado por las operaciones de la maquinaria puede causar cáncer, defectos de nacimiento, o daño respiratorio a largo plazo. Esté consciente de los peligros de polvo asociados con cada material de pieza de trabajo.
7. NUNCA introduzca chispas o fuentes de ignición.
8. ASEGÚRESE de que todos los equipos y conexiones estén conectados a tierra.
9. Únicamente opere en lugares que tengan un extintor de incendios disponible cerca.
10. SIEMPRE deseche los residuos en un área segura contra incendios después de cada uso. NUNCA deje polvo de madera en un edificio o vehículo. Las mezclas de polvo de madera son muy inflamables y pueden resultar explosivas.



ALGUNOS POLVOS SON MUY INFLAMABLES O EXPLOSIVOS. APRENDE/SABE CON QUÉ ESTÁS LIDIANDO. SIGA TODOS LOS CÓDIGOS Y DIRECTRICES LOCALES, ESTATALES, FEDERALES Y LOS CÓDIGOS DE NFPA.

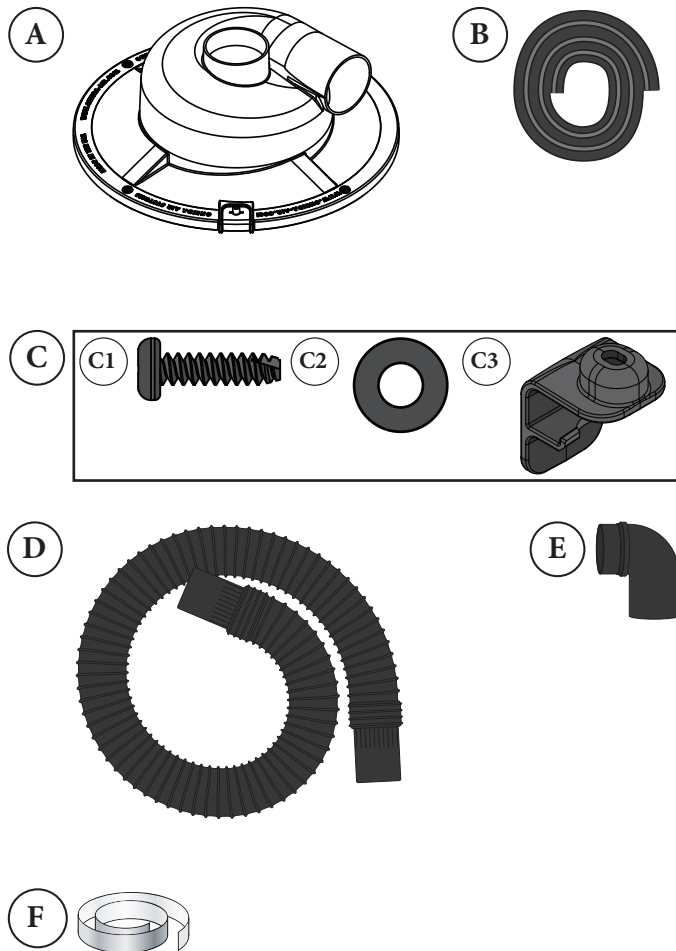
Dimensiones

Se muestran las dimensiones nominales. Dimensiones sujetas a ligeras variaciones a la fabricación.



Contenidos del Sistema

ID	Part number	Part description	Qty
A	SDL250000	Tapa separadora	1
B	RGZ000005	5/8 x 40" Empaquetadora	1
C	AHX000035	Paquete de herrajes para pestillos	2
C1	AFS00001655	#8 x 5/8" Tornillo de corte de hilo	1
C2	AFW041010	Arandela Plana	1
C3	AFL000009	Pestillo	1
D	AXD000031	2,5" x 36" Manguera	1
E	AHA000004	2,5" Codo	1
F	VFA050015	Cinta Metálica de Conexión a Tierra	30"



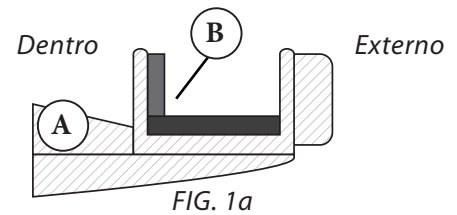
You will need the following:

- Phillips Head Screwdriver
- Wet/Dry Vacuum
- Bucket
- Vacuum hose and adapters (2.5" recommended)
- Scissors / Razor Blade

Instrucciones de Ensamblaje

1. Aplique la empaquetadora de 5/8 (B) en la tapa separadora (A) a lo largo del borde inferior como se muestra en [FIG. 1a & 1b].

Nota: La Empaquetadora debe estar firmemente sellada a la tapa y debe superponerse alrededor la circunferencia. NO debe haber fugas de aire para que el sistema de recolección de polvo funcione correctamente [FIG. 1c].



Instalación correcta

La junta se conecta;
Termina firmemente
topado uno contra el otro.



Instalación incorrecta

La junta no se conecta;
Espacio entre los
extremos.

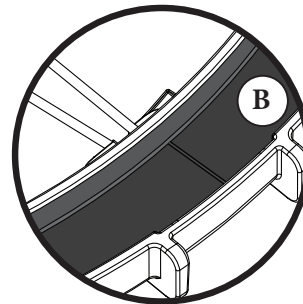


FIG. 1b

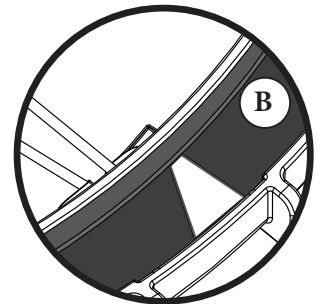


FIG. 1c

2. Asegure cada Pestillo (C3) a la Tapa Separadora (A) usando una Arandela Plana (C2), y un Tornillo de Corte de Hilo (C1) como se muestra en [FIG. 2].

Nota: Consulte la sección Instrucciones de Conexión a Tierra Opcionales antes de este paso si es necesario.

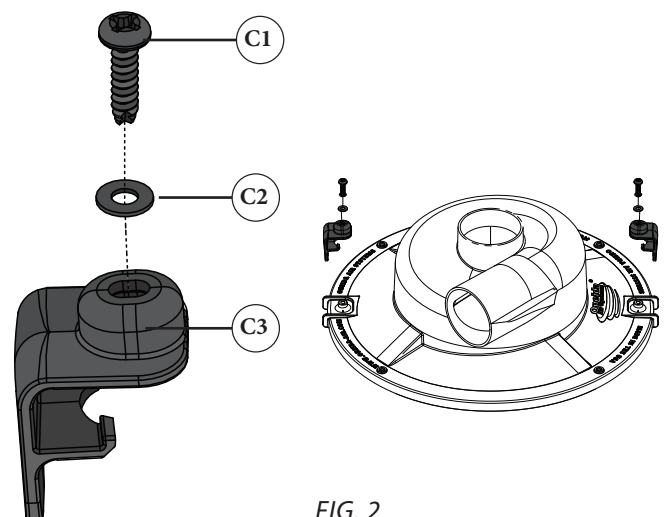


FIG. 2

Instrucciones de Ensamblaje

3. Simultáneamente, tire de los pestillos (C3) hacia afuera y encaje firmemente el conjunto Low-Pro en su balde para que la junta quede comprimida. Luego empuje los pestillos hacia adentro y asegúrese de que estén debajo del borde del balde [FIG. 3]. El tornillo del pestillo (C1) se puede ajustar para apretar mejor los pestillos al borde del cucharón.

Nota: Es normal que el Low-Pro quede flojo, pero se sellará firmemente bajo presión de vacío.

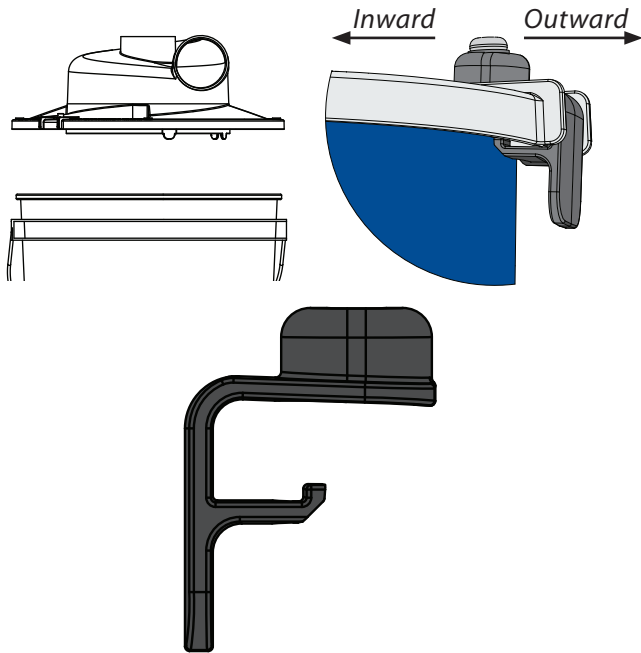


FIG. 3

4. Conecte la Tapa Separadora (A) del Low-Pro puerto de salida superior a su aspiradora con Manguera (D) y Codo (E) como se muestra en [FIG. 4].

Conecte el puerto de entrada lateral de Low-Pro a su herramienta con su manguera de aspiradora [FIG. 3].

Nota: Ambos puertos aceptan manguitos de manguera estándar de 2,5" (OD = 2,25").

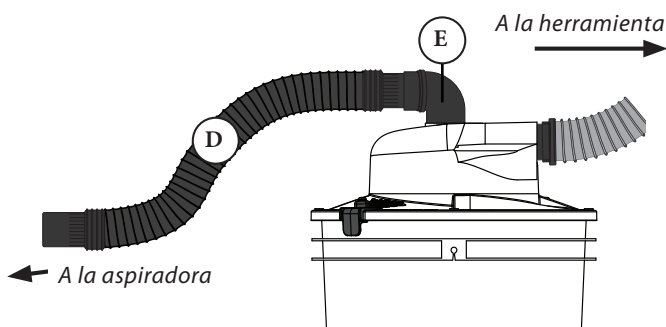


FIG. 4

Assembly Instructions

5. Revise [FIG. 5] para puntos comunes de fuga de aire.

Para vaciar su balde, levante los pestillos (C3) y levante el conjunto Low-Pro.

¡La instalación está completa!

Nota: Cualquiera fuga de aire afectará el rendimiento de separación. Asegúrese de revisar su tambor de polvo con frecuencia para no llenarlo demasiado.

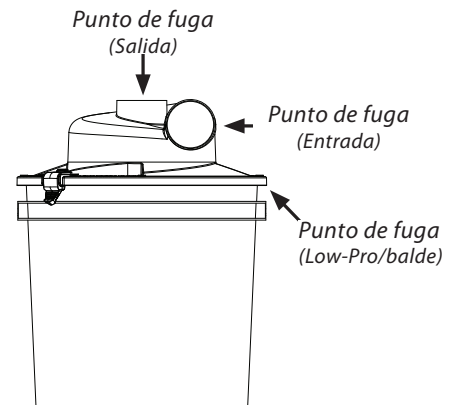


FIG. 5

Instrucciones de Conexión a Tierra Opcionales



Recomendado para situaciones de polvo fino o aplicaciones electrónicamente sensibles.

6. Instale la Cinta Metálica (F) a la Tapa Separadora (A) para que la entrada, la salida, y la brida están unidos por un camino conductivo continuo como se muestra en [FIG. 6a]. La Cinta Metálica debe envolverse ¼" alrededor del borde de cada abertura.

Nota: Para mayor conexión a tierra, conecte un cable autoabastecido con un terminal de anillo en un extremo y una arandela atada a otro extremo al instalar uno de los pestillos en el paso 2. El cable debe ser lo suficientemente largo para la arandela estar en el suelo como se muestra en [FIG. 6b].

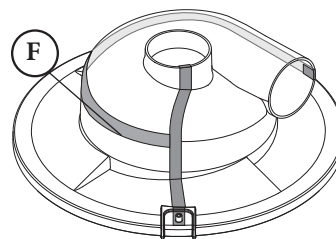


FIG. 6a

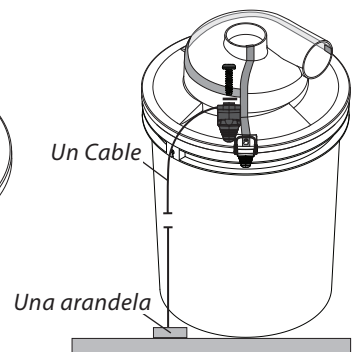


FIG. 6b

Solución de Problemas

¡Escanee aquí o visite: oneida-air.com/lowes-dust-deputy-low-pro
Para más consejos, videos, demostraciones y más!



Revise el documento incluido "Solución de problemas adicionales" (ZBI000072) para obtener más aclaraciones.

Información de Garantía Limitada

Para conocer los términos y condiciones completos de la garantía, favor de visitar oneida-air.com/warranty. Oneida Air Systems garantiza este producto por un período de un año al comprador original a partir de la fecha de compra, a menos que se especifique lo contrario. El comprador es responsable de devolver los artículos en garantía a Oneida Air Systems a su costa. Todas partes deben devolverse con un Número de Autorización de Devolución de Material (RMA#) proporcionado por Oneida Air Systems. Cualquier envío sin un Número de Autorización de Devolución de Material (RMA#) será rechazado.



¡Gracias por comprar este producto fabricado en los Estados Unidos!

Independientemente de dónde haya comprado su producto de Oneida Air Systems, si tiene algunas preguntas o problemas con piezas faltantes/dañadas, por favor llámenos primero para permitirnos ayudarlo a resolver su problema. Respaldamos plenamente la calidad de nuestros productos y damos el máximo valor a la satisfacción de nuestros clientes.

¡Queremos hacer todo lo posible para que su compra y experiencia con Oneida Air Systems sean buenas!

Customer Service Department

1-866-387-8822 • support@oneida-air.com

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Additional Troubleshooting

The Dust Deputy Low-Pro pre-separates up to 99.9% of dust and debris. Our team conducted a stress test and found after 20 minutes of sanding with a 5-inch palm sander using 100-grit paper that there was no discernable dust in the vacuum container or in the pleats of the filter.



FIG. 1

If you find the Dust Deputy Low-Pro is not performing as shown in [FIG. 1], then follow these additional troubleshooting steps to fix the problem.

1. There must be NO air leaks. An air leak will cause dust to bypass the lid separator, leading to a clogged filter, and the finest particles will pass through first.

Check to make sure your setup has no air leaks or gaps [FIG. 2]. Dust collection systems cannot operate effectively if there isn't a completely airtight seal. The most common leak is between the lid separator and the rim of the bucket.

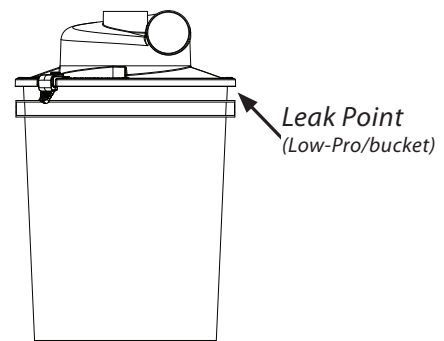


FIG. 2

2. Make sure that the gasket is in good condition with no cracks or tears and is installed with the ends firmly butted up against each other as shown in [FIG. 3a]. Proper sealing prevents dust and air from escaping [FIG. 3b]. Replace the gasket if it is worn or torn.

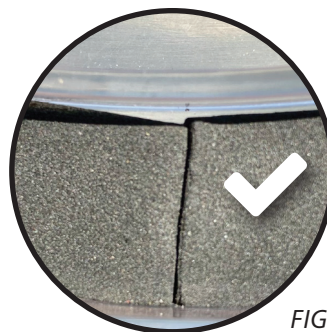


FIG. 3a

Correct Installation
Gasket connects; Ends firmly butt up against each other.

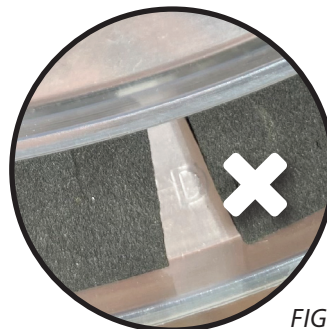


FIG. 3b

Incorrect Installation
Gasket doesn't connect; Gap between the ends.



3. The Dust Deputy Low-Pro's adjustable latches fit a wide variety of buckets, some of which may give a false impression that they are fully secured and airtight.
 - a. Lift up on both the latches simultaneously and push the Low-Pro firmly down onto the bucket so that the gasket is compressed. Then push the latches inward and ensure that they are closed under the lip of the bucket [FIG. 4]. The latch screw can be adjusted to better tighten the latches to the lip of the bucket.
 - b. If your Dust Deputy Low-Pro's latches are the older rubber-wire hold down style, rather than the new molded plastic style, please contact Oneida Air Systems' Customer Service Department at 1-866-387-8822 or support@oneida-air.com and we will send out an upgrade clip free of charge.

Latched under the lip

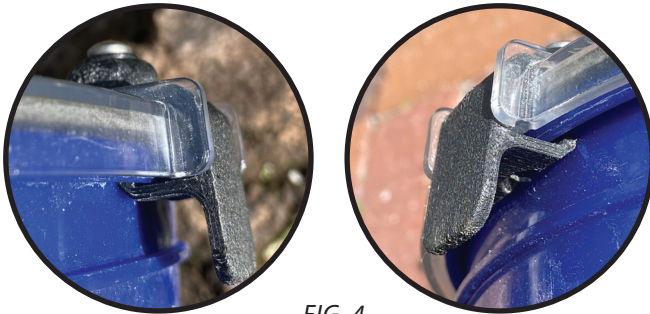


FIG. 4

If you are confident your Dust Deputy Low-Pro is sealed airtight to your bucket, yet you are still experiencing poor separation, then please check the following:

4. Ensure your Dust Deputy Low-Pro model has the central Plug installed [FIG. 5]. If your model is missing the Plug, please contact Oneida Air Systems' Customer Service Department at 1-866-387-8822 or support@oneida-air.com and we will send out a replacement free of charge.

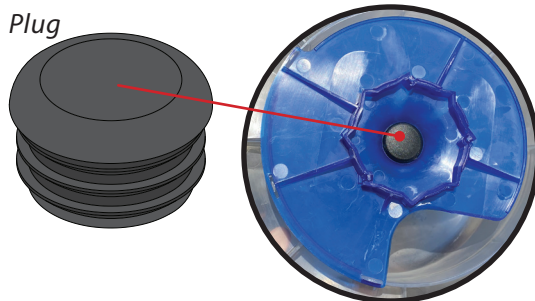


FIG. 5

5. Over time the bucket's rim may become damaged, affecting the seal and in turn the performance. Replace your bucket.
6. Use either a shorter length hose or a larger diameter (2.5" max.) hose which will increase airflow (CFM) through the cyclone. Increased airflow also increases air velocity in the cyclone and improves separation efficiency.
7. Proper filter cleaning and replacement should not be neglected. Replace your filter if there is a buildup of dust and it has become less permeable thus restricting airflow.

If you are experiencing your bucket collapsing [FIG. 6], then please check the following:

8. Ensure your bucket is not old, damaged, or thin-walled. To increase the strength of a thin-walled bucket, you can stack two buckets together. Two stacked thin-walled buckets will work well to avoid bucket collapse. Ideally, we recommend a bucket with a 90 mil wall thickness or higher. A 90-mil or higher walled bucket will completely avoid bucket collapse.

Note: The wall thickness of any 5-gallon plastic bucket can be found on the bottom of the bucket [FIG. 6].

9. Ensure your airflow is not blocked or restricted. Check for any clogs or blockages in the hose going to the inlet. Reducing the recommended 2.5 inch hose to 1 inch or smaller can build enough pressure to collapse a bucket.

Example: Orbital palm sanding

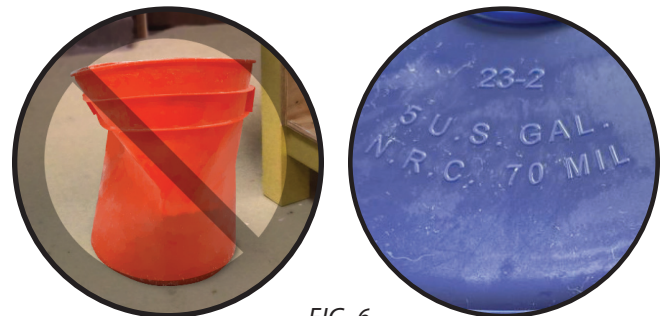


FIG. 6

Contact our Customer Service Department for further assistance

1-866-387-8822 • support@oneida-air.com • oneida-air.com/contact-us

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