

POWERTEC 70333

POWERTEC 70333 Dust Collector Bag Instruction Manual

Model: 70333

INTRODUCTION

The POWERTEC 70333 Dust Collector Bag is engineered to significantly improve the air quality in your workshop by effectively capturing fine dust particles. This 1-micron filter bag is an essential component for various woodworking applications, including sanding, sawing, and other operations that generate fine dust. It ensures a cleaner, healthier work environment without reducing the efficiency of your dust collection system.

PRODUCT FEATURES

- **High Filtration Efficiency:** Captures up to 99% of fine dust particles, ensuring cleaner air.
- **Durable Construction:** Made from ultra-thick, reusable polyester felt for extended lifespan and consistent performance.
- **Optimal Airflow:** Designed to maintain efficient airflow within your dust collection system while filtering effectively.
- **Generous Dimensions:** Measures approximately 31 inches (78.7 cm) in height and 19-5/8 inches (49.8 cm) in diameter.
- **Broad Compatibility:** Compatible with most dust collector systems featuring an 18-inch to 20-inch diameter, including popular brands such as JET, Grizzly, Shop Fox, Harbor Freight, and Wen.



Made of Ultra-Thick Polyester Felt

A high tolerance for dry heat coupled with its rugged nature makes this fabric ideal for dust collection.

Image: Close-up of the ultra-thick polyester felt material used in the POWERTEC 70333 Dust Collector Bag. This material ensures high filtration and durability.

Dimensions



Image: A visual representation of the POWERTEC 70333 Dust Collector Bag's dimensions, indicating a diameter of 19 5/8 inches and a height of 31 inches.

SETUP AND INSTALLATION

The POWERTEC 70333 Dust Collector Bag is designed to be used exclusively as a top filter bag for your dust collection system. Proper installation is crucial for effective dust capture and system performance.

1. **Preparation:** Ensure your dust collector system is turned off and unplugged from the power source before beginning installation.
2. **Remove Old Bag (if applicable):** Carefully remove any existing top filter bag from your dust collector.
3. **Positioning the Bag:** Place the POWERTEC 70333 bag over the top opening of your dust collector. Ensure the bag's opening aligns correctly with the collector's collar.
4. **Securing the Bag:** There are two primary methods for securing the bag:
 - **Using the Built-in Drawstring:** Tighten the integrated drawstring around the dust collector's collar to create a secure seal.
 - **Using a Band Clamp (Recommended):** For a more robust and reliable seal, it is recommended to use a band clamp (sold separately). Position the band clamp around the bag's

opening and the collector's collar, then tighten it firmly.

5. **Final Check:** Once secured, gently pull on the bag to ensure it is firmly attached and there are no gaps where dust could escape.

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Image: The POWERTEC 70333 Dust Collector Bag shown installed on a dust collection system, ready for operation.



Connecting to a Dust Collector

Two ways to connect, use the built-in drawstring, or a band clamp (sold separately). For convenience, we recommend using a band clamp.

Image: A close-up view illustrating the connection point of the dust collector bag to the system, secured with a band clamp for a tight seal.

OPERATION

Once the POWERTEC 70333 Dust Collector Bag is securely installed, your dust collection system is ready for use. The bag will automatically collect fine dust particles generated by your woodworking machinery.

- **Before Each Use:** Briefly inspect the bag for any visible damage or loose connections. Ensure the dust collector's lower collection bag (if applicable) is also properly installed and emptied if full.
- **During Operation:** Monitor the dust collector's performance. A noticeable decrease in suction may indicate a full bag or a blockage.
- **After Use:** Turn off your dust collection system. It is good practice to gently shake the bag to dislodge any fine dust clinging to the inside surface, which helps maintain filtration efficiency.

MAINTENANCE

Regular maintenance of your POWERTEC 70333 Dust Collector Bag will ensure its longevity and optimal performance.

- **Inspection:** Periodically inspect the entire surface of the dust bag for any signs of wear, tears, or holes. Even small damages can compromise filtration efficiency.
- **Cleaning:** For optimal performance, the bag should be cleaned regularly. While the polyester felt material is designed for effective dust release, you can gently shake or tap the bag to dislodge accumulated fine dust from the interior surface. For deeper cleaning, consult your dust collector's manual for specific cleaning procedures for filter bags.
- **Replacement:** If the bag shows significant damage, such as large tears or persistent clogs that cannot be cleaned, it should be replaced to maintain effective dust collection and air quality.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Reduced Airflow/Suction	<ul style="list-style-type: none"> • Bag is excessively full. • Bag is clogged with fine dust. • Loose connection at the dust collector collar. • Blockage in the dust collection system's hoses or impeller. 	<ul style="list-style-type: none"> • Empty the lower collection bag (if applicable) and clean the filter bag. • Gently shake or tap the bag to dislodge dust. • Re-secure the bag with the drawstring or band clamp. • Inspect and clear any blockages in the system.
Visible Dust Escaping from Bag	<ul style="list-style-type: none"> • Bag not properly sealed to the dust collector. • Tears or holes in the bag material. • Bag is past its effective lifespan. 	<ul style="list-style-type: none"> • Ensure the bag is securely attached and sealed to the collector's collar. • Inspect the bag for damage. If damaged, replace the bag. • Consider replacing the bag if it's old and filtration has degraded.

SPECIFICATIONS

Model Number	70333
Brand	POWERTEC
Filtration Rating	1 Micron (captures up to 99% of fine dust particles)
Material	Ultra-thick Polyester Felt
Dimensions (Height)	Approximately 31 inches (78.7 cm)
Dimensions (Diameter)	Approximately 19-5/8 inches (49.8 cm)
Color	White
Compatible Devices	Dust collector models between 18" and 20" diameter (e.g., JET, Grizzly, Shop Fox, Harbor Freight, Wen)
Included Components	(1) Heavy Duty Dust Collection Bag

Item Weight	2.07 Pounds (0.94 kg)
UPC	843441116028

SAFETY INFORMATION

Adhering to safety guidelines is paramount when working with dust collection systems and woodworking equipment.

- Always wear appropriate personal protective equipment (PPE), including safety glasses or goggles and a dust mask, to protect against airborne particles.
- Ensure the dust collector system is turned off and unplugged from the power source before performing any installation, maintenance, or cleaning of the dust bag.
- This bag is designed for use as a top filter bag only. Do not use it for applications other than its intended purpose.
- Keep children and unauthorized personnel away from operating machinery and dust collection systems.
- **Proposition 65 Warning:** This product may expose you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, please visit www.P65Warnings.ca.gov.

SUPPORT INFORMATION

For further assistance, product inquiries, or to explore other POWERTEC products, please visit the official POWERTEC store.

[Visit the POWERTEC Store on Amazon](#)