

## POWERTEC 75117

# POWERTEC Vacuum Bags & Cartridge Filters Instruction Manual

Model: 75117

## 1. INTRODUCTION

This manual provides essential information for the proper use, installation, and maintenance of your POWERTEC CMXZVBE38735 Vacuum Bags and 17816 Cartridge Filters. These high-quality replacement components are designed to optimize the performance of compatible wet/dry vacuums, ensuring a cleaner working environment.

The cartridge filter is engineered to capture 95% of dust and debris down to 0.3-1 micron, while the fine dust collection vacuum bags are designed for dry materials and ultra-fine debris such as drywall dust, sanding particles, sawdust, dirt, and cold ashes.

# POWERTEC®

## VACUUM BAGS 2 PK CARTRIDGE FILTER 2 PK



Image: The POWERTEC Vacuum Bags and Cartridge Filter Kit, showing both the filter bag packaging and the blue pleated cartridge filter.

## 2. PRODUCT OVERVIEW & INCLUDED COMPONENTS

Your package includes the following high-performance replacement parts:

- **(2) Replacement Cartridge Filters:** Designed for superior filtration of fine dust and debris.
- **(2) Filter Bags:** Specifically for 12 Gallon Shop Vacuums, capturing fine particles and non-hazardous materials.

**POWERTEC.**

# Remove Particles Effectively



Image: A clear view of the two main components included in the kit: the POWERTEC filter bag and the blue cartridge filter.

## 3. SPECIFICATIONS

Feature	Detail
Manufacturer	POWERTEC
Part Number	75117
Item Weight	1.01 pounds
Country of Origin	China
Material	Polyethylene terephthalate, Paper, Meltblown Nonwoven
Item Package Quantity	1 (containing 2 filters & 2 bags)



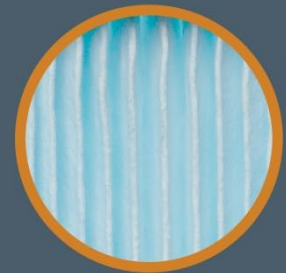
Feature	Detail
Special Features	Disposable
Filtration Level (Filter)	Captures 95% of dust and debris down to PM 0.3-1 (MERV 16)
Bag Capacity	12 Gallons



Image: Detailed dimensions of the POWERTEC 12 Gallon vacuum bag, showing its 3-inch opening and overall size.

**POWERTEC.**

## Fit Most 5 Gallon and Larger



**Long-Lasting  
Material**



**Pleated Filtration  
Weaving**



**Polyurethane  
Seals**

Image: Illustration of the 2-layer filtration structure of the POWERTEC filter bag, highlighting the filter paper and meltblown nonwovens.



# High Efficiency Replacement Filter for Fine Dust

Keep the fine dust particles from passing through into the surrounding air



Image: Close-up view of the pleated filter material, demonstrating its two-layer high-quality construction for effective particle capture.

## 4. COMPATIBILITY

### Cartridge Filter Compatibility:

This replacement cartridge filter is compatible with Craftsman models 17816, 9-17816, 17907 (551090107), 9-17907, 17912, and 9-17912. It is designed for most Craftsman 5 gallon and above wet/dry vacuums. Compatible Craftsman Model Numbers (prefixed by "113" or "125") include: 12004, 12005, 12006, 12007, 12008, 12009, 16825, 17608, 38907, 38909, 177825, 179100, 179155, 9-17066 (170660), 9-17741 (177415 / 177420), 9-17761 (177610), 9-17762 (177621), 9-17765 (177650 / 177611), 9-17784 (177846), 9-17967 (177060), and more.

### Vacuum Bags Compatibility:

These replacement filter bags (CMXZVBE38735, 38735 / 9-38735) are specifically designed for Craftsman 12 Gallon models: CMXEVB17606 and CMXEVB17594.

## 5. SETUP AND INSTALLATION

## Cartridge Filter Installation:

1. Ensure your wet/dry vacuum is unplugged from the power source before beginning installation.
2. Remove the vacuum's motor head and set it aside.
3. If an old filter is present, carefully remove it. Dispose of the old filter according to local regulations.
4. Place the new POWERTEC cartridge filter onto the filter cage, ensuring it sits securely and evenly.
5. Secure the filter in place using the vacuum's original retaining nut or mechanism. Ensure a tight seal to prevent dust bypass.
6. Replace the motor head onto the vacuum tank, ensuring it latches securely.

## Vacuum Bag Installation:

1. Ensure your wet/dry vacuum is unplugged from the power source.
2. Remove the vacuum's motor head.
3. Locate the vacuum port inside the tank.
4. Align the opening of the POWERTEC filter bag with the vacuum port.
5. Slide the bag's collar firmly onto the vacuum port. No tools are required for this step. Ensure the bag is fully seated to prevent dust leakage.
6. Distribute the bag evenly inside the tank.
7. Replace the motor head onto the vacuum tank, ensuring it latches securely.

## 6. OPERATING INSTRUCTIONS

Once the filter and/or bag are correctly installed, your vacuum is ready for operation. These components work together to efficiently capture various types of debris:

- **Cartridge Filter:** Provides advanced H10 filtration, making it ideal for tackling everyday dirt, workshop sawdust, and larger-scale woodworking cleanups. It effectively removes particles from the air stream before they reach the motor or are exhausted back into the environment.
- **Vacuum Bags:** Designed for dry material collection, including ultra-fine debris like drywall dust, sanding particles, and cold ashes. The outer layer captures large debris, while the inner high-density filter layer captures micro-particles, protecting your lungs from dust.

Always ensure the vacuum is used according to its manufacturer's guidelines. For optimal performance, regularly check the filter and bag for signs of wear or excessive accumulation.

# Wide Range of Applications





				
<b>Filtration Standard(US)</b>	<b>MERV 15</b>	<b>MERV 15</b>	<b>MERV 16</b>	<b>HEPA H13</b>
<b>Filtration Efficiency% (PM 0.3-1.0)</b>	<b>85~95%</b>	<b>85~95%</b>	<b>&gt;95%</b>	<b>≥99.97%</b>
<b>Compatibility</b>	<b>for Shop Vac Most 4 Gal &amp; Less</b>	<b>for Shop Vac Most 5 Gal &amp; Above</b>	<b>for Craftsman Most 5 Gal &amp; Above</b>	<b>for Craftsman 3-4 Gal</b>
<b>Replacement Model</b>	<b>Type AA (90398)</b>	<b>Type U (90304)</b>	<b>9-17816 9-17907 (9-17912)</b>	<b>9-16950 (9-17810)</b>
<b>POWERTEC SKU</b>	<b>75083</b>	<b>75082</b>	<b>75091</b>	<b>75090</b>

Image: A visual comparison showing a filter before and after cleaning, demonstrating its effectiveness in removing particles from a shop vacuum.

## 7. MAINTENANCE

### Cartridge Filter Maintenance:

The cartridge filter is designed for long life and easy cleaning. For dry debris, you can gently tap the filter to dislodge accumulated dust, or use a soft brush or compressed air to clean the pleats. For wet applications, allow the filter to dry completely before cleaning or storing. Regular cleaning extends the filter's lifespan and maintains vacuum efficiency. Replace the filter when it shows signs of damage, reduced performance, or cannot be effectively cleaned.

### Vacuum Bag Disposal:

The vacuum bags are designed for easy disposal. Once full, simply remove the bag from the vacuum port and tie it off securely to contain the collected debris. Then, dispose of the sealed bag in the trash according to local waste disposal guidelines. This method helps keep your cylindrical filter clean and extends its life.



## 8. TROUBLESHOOTING

- **Reduced Suction:** Check if the filter is clogged or the vacuum bag is full. Clean or replace as necessary. Ensure all connections (hose, filter, bag) are secure and free of leaks.
- **Dust Escaping Vacuum:** Verify that the filter is correctly seated and the retaining nut is tightened. Ensure the vacuum bag is fully attached to the vacuum port and not torn.
- **Filter/Bag Does Not Fit:** Double-check the compatibility information in Section 4 against your vacuum's model number. While these components are designed for wide compatibility, specific models may vary. Refer to your vacuum's original manual for exact part requirements.

## 9. SUPPORT & WARRANTY

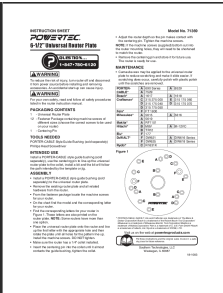
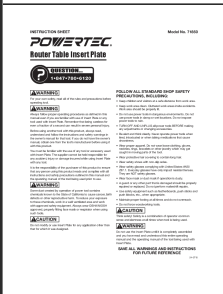
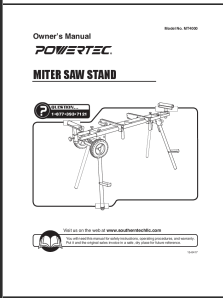
POWERTEC is a leading manufacturer of high-quality woodworking and construction tools, accessories, machines, and OEM replacement parts. We are committed to exceeding expectations and bringing the latest innovations to the industry.



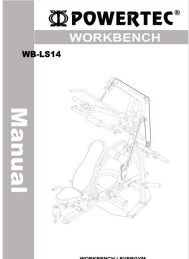
For further assistance, product inquiries, or information regarding potential warranties, please visit the official POWERTEC website or contact their customer support directly. Keep your purchase receipt for any warranty claims.

[Visit the POWERTEC Store on Amazon](#)

© 2025 POWERTEC. All rights reserved.

### Related Documents - 75117

	<p><a href="#">POWERTEC 6-1/2" Universal Router Plate Instruction Sheet</a></p> <p>Instruction sheet for the POWERTEC 6-1/2" Universal Router Plate, including assembly, intended use, maintenance, and compatibility with various router models.</p>
	<p><a href="#">POWERTEC 71850 Router Table Insert Plate - Instructions and Safety</a></p> <p>Comprehensive instruction sheet for the POWERTEC 71850 Router Table Insert Plate, covering safety precautions, unpacking, parts list, installation, usage, and maintenance. Includes compatibility chart for various router models.</p>
	<p><a href="#">POWERTEC MT4000 Miter Saw Stand Owner's Manual</a></p> <p>Comprehensive owner's manual for the POWERTEC MT4000 Miter Saw Stand, covering safety, assembly, operation, maintenance, and warranty information.</p>

	<p><a href="#">Powertec PT3200i 3000W Digital Inverter Generator Operating Instructions</a></p> <p>Operating instructions for the Powertec PT3200i 3000W Digital Inverter Generator, covering safety, features, operation, maintenance, and troubleshooting.</p>
	<p><a href="#">POWERTEC PTi4500 4500W Digital Inverter Generator: Operating Instructions</a></p> <p>Comprehensive operating instructions and safety guide for the POWERTEC PTi4500 4500W Digital Inverter Generator, covering specifications, intended use, safety precautions, maintenance, troubleshooting, and warranty information.</p>
	<p><a href="#">Powertec Workbench Levergym WB-LS14 Assembly Manual - Step-by-Step Guide</a></p> <p>Comprehensive assembly manual for the Powertec Workbench Levergym WB-LS14. Includes parts list, detailed step-by-step instructions, safety precautions, and maintenance tips.</p>