

## DEWALT DWV010

# DEWALT DWV010 8-Gallon HEPA Dust Extractor User Manual

## 1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your DEWALT DWV010 8-Gallon HEPA Dust Extractor. Please read these instructions thoroughly before initial use and retain them for future reference. This dust extractor is designed for professional use in collecting fine dust particles, including those generated from concrete grinding, drywall sanding, and other construction activities, ensuring a cleaner and safer work environment.

## 2. SAFETY INFORMATION

Always adhere to basic safety precautions to reduce the risk of fire, electric shock, or injury. This product is intended for use with dry materials unless specifically stated otherwise for wet applications. Ensure the power cord is undamaged and properly grounded.

- **Read All Instructions:** Familiarize yourself with the extractor's functions and safety guidelines.
- **Personal Protective Equipment:** Always wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and a dust mask, especially when working with fine particulate matter.
- **Electrical Safety:** Do not operate the extractor with a damaged cord or plug. Ensure the power source matches the voltage requirements of the unit.
- **Hazardous Materials:** This unit is designed for HEPA filtration. When working with hazardous materials like lead-based paint dust, ensure proper filters (e.g., DWV9330) are installed and follow all local and federal regulations, such as the EPA Lead Related Renovations, Repair and Painting (RRP) Rule.
- **Stable Placement:** Operate the dust extractor on a stable, level surface to prevent tipping.
- **Unplug When Not in Use:** Disconnect the unit from the power supply before performing maintenance, cleaning, or when not in use.

**Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### 3. COMPONENTS AND PACKAGE CONTENTS

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Your DEWALT DWV010 HEPA Dust Extractor package includes the following items:

- DEWALT DWV010 8-Gallon HEPA Dust Extractor Unit
- HEPA Filter (pre-installed or included separately)
- 15 ft. Anti-Static Hose (1.25 inch diameter)
- Universal Hose Connector
- User Manual



Figure 1: Front view of the DEWALT DWV010 HEPA Dust Extractor with the hose connected to the inlet port.



Figure 2: Side view of the DEWALT DWV010 HEPA Dust Extractor, showing its compact design and wheels.

## 4. KEY FEATURES

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The DEWALT DWV010 HEPA Dust Extractor incorporates several features designed for efficiency and durability:

- **Automatic Filter Clean:** Pulses every 30 seconds to clear debris from the filters, ensuring continuous operation without manual intervention.
- **Powerful Motor:** A 15-amp motor delivers 150 CFM (Cubic Feet per Minute) of airflow for effective dust extraction.
- **Power Tool Actuation:** Allows the dust extractor to automatically turn on and off in sync with a connected power tool, enhancing convenience and efficiency.
- **HEPA Filtration:** Meets the EPA Lead Related Renovations, Repair and Painting (RRP) Rule for HEPA Vacuums when used with DWV9330 Filters.
- **Universal Hose Connector:** Provides a secure connection with swivel capability for various tools and accessories.
- **Jobsite Durability:** Equipped with heavy-duty wheels and casters for easy transport and resilience in demanding work environments.
- **Anti-Static Hose:** The 15 ft. hose is designed to reduce static build-up during operation.

## 5. SETUP

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### 5.1 Unpacking and Inspection

1. Carefully remove all components from the packaging.
2. Inspect the unit for any signs of damage that may have occurred during shipping. Do not operate if damaged.
3. Ensure all listed package contents are present.

### 5.2 Filter Installation/Check

The HEPA filter is typically pre-installed. Verify that the filter is securely in place before operation. For optimal performance and compliance with specific regulations (e.g., EPA RRP), use genuine DEWALT DWV9330 filters.

### 5.3 Hose Connection

1. Locate the inlet port on the front of the dust extractor.
2. Attach one end of the 15 ft. anti-static hose to the inlet port, ensuring a secure connection.
3. Connect the other end of the hose to your power tool's dust collection port using the universal hose connector or appropriate adapter.

## 6. OPERATING INSTRUCTIONS

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### 6.1 Powering On/Off

1. Plug the dust extractor's power cord into a suitable 120V electrical outlet.
2. Locate the power switch on the unit.
3. For continuous operation, switch the unit to the 'ON' position.

### 6.2 Using Power Tool Actuation

The Power Tool Actuation feature allows the dust extractor to synchronize with your power tool.

1. Plug your power tool into the auxiliary outlet located on the dust extractor.
2. Switch the dust extractor to the 'AUTO' position.
3. When you activate your power tool, the dust extractor will automatically turn on.
4. The dust extractor will continue to run for a short period after the power tool is turned off to clear the hose of remaining debris.

### 6.3 Automatic Filter Cleaning

The DWV010 features an automatic filter cleaning system that pulses every 30 seconds. This mechanism helps maintain optimal suction by preventing filter clogging during continuous use. No user intervention is required for this process.



Figure 3: The DEWALT DWV010 Dust Extractor connected to a concrete grinder, demonstrating its application in dust control during construction tasks.

## 7. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your dust extractor. Always unplug the unit before performing any maintenance.

### 7.1 Filter Replacement

While the automatic cleaning system extends filter life, filters will eventually require replacement. Replace filters when you notice a significant and persistent drop in suction power, even after automatic cleaning cycles.

- Refer to the unit's specific instructions for accessing and replacing the HEPA filters.
- Always use genuine DEWALT DWV9330 replacement filters to maintain HEPA compliance and performance.
- Dispose of old filters according to local regulations, especially if used for hazardous materials.

### 7.2 Hose and Accessory Cleaning

Periodically inspect the hose and connectors for blockages or damage. Clear any obstructions to maintain airflow. Clean the exterior of the unit with a damp cloth; do not use harsh chemicals or abrasive cleaners.

## 8. TROUBLESHOOTING

This section addresses common issues you might encounter with your dust extractor.

| Problem                          | Possible Cause                                                                         | Solution                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Loss of suction                  | Clogged filter, full canister, hose blockage, damaged hose/seal                        | Check/replace filters, empty canister, clear hose, inspect for damage                   |
| Unit does not turn on            | No power, faulty switch, tripped circuit breaker                                       | Check power connection, test outlet, reset breaker, contact service if switch is faulty |
| Power Tool Actuation not working | Extractor not in 'AUTO' mode, tool not plugged into auxiliary outlet, tool malfunction | Ensure extractor is in 'AUTO', verify tool connection, check tool operation             |
| Excessive noise                  | Loose components, motor issue, foreign object in fan                                   | Inspect for loose parts, clear obstructions, contact service for motor issues           |

If you encounter issues not listed here or if solutions do not resolve the problem, contact DEWALT customer service or an authorized service center.

## 9. SPECIFICATIONS

| Feature            | Specification                                                           |
|--------------------|-------------------------------------------------------------------------|
| Model Name         | DWV010 HEPA Dust Extractor                                              |
| Brand              | DEWALT                                                                  |
| Capacity           | 8 Gallons                                                               |
| Motor Amperage     | 15 Amps                                                                 |
| Wattage            | 300 watts                                                               |
| Maximum Suction    | 155 CFM (Cubic Feet per Minute)                                         |
| Hose Length        | 15 Feet                                                                 |
| Cord Length        | 8 Feet                                                                  |
| Filter Type        | HEPA Filter                                                             |
| Noise Level        | 80 dB                                                                   |
| Product Dimensions | 20"L x 19"W x 20"H                                                      |
| Item Weight        | 22 pounds                                                               |
| Material           | Plastic                                                                 |
| Color              | Yellow/Black                                                            |
| Special Features   | HEPA, Portable, Wheels, Automatic Filter Cleaning, Power Tool Actuation |

# 10. WARRANTY AND SUPPORT

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## 10.1 Warranty Information

This DEWALT DWV010 HEPA Dust Extractor comes with a **1-year limited warranty**. This warranty covers defects in materials and workmanship. For specific terms, conditions, and exclusions, please refer to the warranty card included with your product or visit the official DEWALT website.

## 10.2 Customer Support

For technical assistance, service, or to order replacement parts, please contact DEWALT customer service. You can find contact information on the official DEWALT website or in the documentation provided with your product.

**Online Resources:** For additional information, FAQs, and product registration, visit the official DEWALT website: [www.dewalt.com](http://www.dewalt.com).