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> DEWALT 16 Gallon STEALTHSONIC Wet/Dry Vacuum DXV16P-QTA User Manual

## DEWALT DXV16P-QTA

# DEWALT 16 Gallon STEALTHSONIC Wet/Dry Vacuum DXV16P-QTA User Manual

Model: DXV16P-QTA

## 1. INTRODUCTION

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Thank you for purchasing the DEWALT 16 Gallon STEALTHSONIC Poly Wet/Dry Vacuum. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your vacuum. Please read this manual thoroughly before use and retain it for future reference.

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**STEALTHSONIC™**

**16**  
**GALLON**

**6.5**  
**PEAK HP**

**20'**  
**POWER**  
**CORD**



Image 1.1: The DEWALT 16 Gallon STEALTHSONIC Wet/Dry Vacuum, showcasing its 16-gallon capacity, 6.5 peak HP motor, and 20-foot power cord.

## 2. SAFETY INFORMATION

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Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury. This vacuum is designed for household and workshop use. Do not use it for commercial or industrial purposes unless specified.

### General Safety Warnings:

- Read all instructions before operating the vacuum.
- Do not leave the appliance unattended when plugged in. Unplug from outlet when not in use and before servicing.
- Do not use outdoors or on wet surfaces.

- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Do not handle plug or appliance with wet hands.
- Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce airflow.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Do not use without filters in place.
- Turn off all controls before unplugging.
- Use extra care when cleaning on stairs.
- This appliance is provided with double insulation. Use only identical replacement parts.

### **3. PACKAGE CONTENTS**

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Verify that all items listed below are included in your package. If any parts are missing or damaged, contact DEWALT customer service.

- DEWALT Wet/Dry Vac (1)
- 2-1/2" Crush-resistant hose (1)
- Extension wands (2)
- Floor nozzle (1)
- Round brush (1)
- Accessory bag (1)
- Disposable dust bag (1)
- Utility nozzle (1)
- Washable cartridge filter (1)
- Crevice nozzle (1)

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\*\*\* Based on internal testing against DXV16P.

Image 3.1: All components included with the DEWALT 16 Gallon STEALTHSONIC Wet/Dry Vacuum, including various nozzles, hose, and filters.

## 4. ASSEMBLY AND SETUP

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Follow these steps to assemble your DEWALT Wet/Dry Vacuum before first use.

### 4.1 Attaching the Casters and Wheels

1. Invert the vacuum drum.
2. Insert the caster stems into the designated holes on the bottom of the drum. Push firmly until they click into place.
3. Attach the larger rear wheels to the axle mounts, ensuring they are securely fastened.



## **HEAVY DUTY REAR WHEELS FOR EASY MOVEMENT EVEN WITH **HEAVY LOADS****

Image 4.1: Detail of the heavy-duty rear wheels designed for easy movement, even with a full tank.

### **4.2 Installing the Filter**

The washable cartridge filter is essential for dry vacuuming. For wet vacuuming, remove the cartridge filter and install a foam filter (sold separately) if desired, or operate without a filter for large liquid spills.

1. Remove the power head from the drum by unlatching the side clips.
2. Place the cartridge filter over the filter cage, ensuring it fits snugly.
3. Secure the filter with the filter nut or retainer provided, turning clockwise until tight.
4. Replace the power head, ensuring the clips are securely latched.

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**BIG WATERPROOF SWITCH**



**POWERFUL 5 HP MOTOR**

**RELIABLE SAFETY PROTECTION**



**WASHABLE CARTRIDGE FILTER**



**DRAIN PORT**

**RUBBERIZED CASTERS**

Image 4.2: An exploded diagram illustrating the main components, including the washable cartridge filter and the motor assembly.

### 4.3 Connecting the Hose and Accessories

1. Insert the large end of the crush-resistant hose into the inlet port on the vacuum drum. Twist to secure.
2. Attach the desired accessory (e.g., floor nozzle, crevice nozzle, utility nozzle) to the other end of the hose or to the extension wands.
3. For extended reach, connect the two extension wands together before attaching the nozzle.

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Image 4.3: The vacuum with its hose neatly wrapped around the top handle and side wraps, demonstrating its compact design for storage.

## 5. OPERATING INSTRUCTIONS

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Your DEWALT STEALTHSONIC Wet/Dry Vacuum is designed for efficient cleaning of both wet and dry messes.

### 5.1 Dry Vacuuming

1. Ensure the cartridge filter is clean and properly installed. For fine dust, consider using a disposable dust bag inside the drum for easier disposal and to protect the filter.
2. Plug the power cord into a grounded electrical outlet.

3. Turn the vacuum ON using the power switch located on the power head.
4. Begin vacuuming dry debris. The STEALTHSONIC technology ensures quieter operation.
5. When finished, turn the vacuum OFF and unplug it.



Image 5.1: A close-up view of the power switch on the DEWALT STEALTHSONIC vacuum, highlighting its robust design.

## 5.2 Wet Vacuuming

1. Remove the cartridge filter. For wet pickup, a foam filter (sold separately) can be installed, or the vacuum can be used without a filter for large liquid spills.
2. Plug the power cord into a grounded electrical outlet.
3. Turn the vacuum ON.
4. Vacuum liquids. The float mechanism will automatically shut off suction when the drum is full to prevent overflow.
5. When finished, turn the vacuum OFF and unplug it.
6. Empty the drum by removing the power head and pouring out the liquid, or by using the drain port.



Image 5.2: A detailed view of the drain port located at the bottom of the vacuum drum, allowing for easy liquid disposal.

## 6. MAINTENANCE

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Regular maintenance ensures optimal performance and extends the life of your vacuum.

### 6.1 Emptying the Drum

Empty the drum when it is full or after each use, especially after wet vacuuming.

1. Unplug the vacuum from the power outlet.

2. Unlatch the side clips and remove the power head.
3. Carefully lift and empty the drum contents into a suitable receptacle. For liquids, use the drain port.
4. Clean the inside of the drum if necessary and replace the power head.

## 6.2 Cleaning the Cartridge Filter

The cartridge filter should be cleaned regularly to maintain suction power. For optimal performance, replace the filter every 3-6 months depending on usage.

1. Unplug the vacuum.
2. Remove the power head and then remove the cartridge filter.
3. Gently tap the filter against a hard surface to dislodge loose dirt.
4. For a more thorough cleaning, rinse the filter under running water. Allow it to air dry completely before reinstallation. Do not use heat to dry.
5. Reinstall the dry filter and replace the power head.



Image 6.1: The washable cartridge filter, suitable for both wet and dry debris collection.

## 6.3 Cord and Accessory Storage

Wrap the 20-foot power cord around the integrated cord wraps on the top handle and side of the vacuum. Store accessories in the provided accessory bag or on the onboard storage points.

## 7. TROUBLESHOOTING

If you encounter issues with your vacuum, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Vacuum does not turn on	No power to outlet; Power cord not plugged in; Faulty switch	Check power outlet; Ensure cord is fully plugged in; Contact service center if switch is faulty
Low suction power	Clogged hose/nozzle; Full drum; Dirty filter; Air leak	Clear obstruction; Empty drum; Clean/replace filter; Check connections for leaks
Liquid overflow during wet vacuuming	Drum is full; Float mechanism stuck	Empty drum; Check float for obstructions and ensure it moves freely
Excessive noise	Obstruction in motor/fan; Loose components	Check for and remove obstructions; Ensure all parts are securely fastened

## 8. SPECIFICATIONS

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- **Model:** DXV16P-QTA
- **Capacity:** 16 Gallons
- **Motor:** 6.5 Peak Horsepower
- **Airflow:** 135 CFM
- **Power Source:** Corded Electric
- **Power Cord Length:** 20 ft
- **Hose Diameter:** 2-1/2 inches
- **Noise Reduction:** STEALTHSONIC Technology (50% quieter than current model)
- **Filter Type:** Washable Cartridge Filter
- **Indoor/Outdoor Usage:** Indoor, Outdoor

## 9. WARRANTY AND SUPPORT

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DEWALT products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your product or visit the official DEWALT website. For technical support, replacement parts, or service inquiries, please contact DEWALT customer service.

Keep your purchase receipt as proof of purchase for warranty claims.