DEWALT DXV15T

DEWALT DXV15T Portable Wet/Dry Vacuum Cleaner

User Manual

1. Introduction

The DEWALT DXV15T is a versatile and powerful 15-liter (4-gallon) wet/dry vacuum cleaner designed for various cleaning tasks in workplaces, garages, and cars. Featuring an 1100W motor and 12kPa sealing pressure, this lightweight and portable unit offers strong suction for both wet and dry debris, along with a convenient blower function.

Its robust construction from durable hard plastic ensures firmness and tear resistance, while smart security features like a waterproof button and an intelligent water stop valve enhance safety and operational reliability. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your DEWALT DXV15T vacuum.



Figure 1.1: The DEWALT DXV15T Portable Wet/Dry Vacuum Cleaner with hose and floor nozzle attached.

2. Safety Instructions

Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury.

- Read all instructions before using the appliance.
- 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 use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
- 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 air flow.
- 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 pick up toxic material, such as chlorine bleach, ammonia, or drain cleaner.
- Do not use without filters in place.
- Turn off all controls before unplugging.
- Use extra care when cleaning on stairs.
- The built-in water stop valve will automatically stop the vacuum when the water level is too high during wet vacuuming.

3. Setup and Assembly

Before first use, ensure all components are present and correctly assembled.

3.1. Package Contents

Your DEWALT DXV15T package should include the following items:

- 1 x Wet/Dry Vacuum Unit
- 1 x Flexible Hose (48 mm diameter, 2.1 meters / 7 feet)
- 2 x Extension Wands
- 1 x Cartridge Filter (for dry use)
- 1 x Dust Bag (for dry use)
- 1 x Foam Filter (for wet use)
- 1 x Crevice Nozzle

- 1 x Utility Nozzle
- 1 x User Manual
- 1 x Warranty Card



Figure 3.1: All components included with the DEWALT DXV15T vacuum cleaner.

3.2. Assembly Steps

1. **Filter Installation:** For dry vacuuming, install the cartridge filter and optionally the dust bag. For wet vacuuming, remove the cartridge filter and install the foam filter. Ensure filters are securely in place.



Figure 3.2: Exploded view showing the powerful motor, washable cartridge filter, sponge filter, and air cyclone components.

2. **Hose Connection:** Insert the flexible hose into the suction port on the front of the vacuum unit. Twist to secure if applicable.
3. **Accessory Attachment:** Attach the desired extension wands and nozzle (crevice or utility) to the end of the hose. Ensure a snug fit for optimal performance.
4. **Power Connection:** Uncoil the 4.85-meter (20-foot) power cord and plug it into a suitable 120V/60Hz electrical outlet.

4. Operating Instructions

The DEWALT DXV15T offers 3-in-1 functionality: dry vacuuming, wet vacuuming, and blowing.



Figure 4.1: Key features of the DEWALT DXV15T, highlighting its capacity, suction power, cord length, and multi-functionality.

4.1. Dry Vacuuming

- Ensure the cartridge filter is installed. A dust bag can also be used for easier debris disposal.
- Turn on the vacuum using the power button.
- Use the appropriate nozzle to pick up solid waste such as dust, dirt, wood shavings, or paper residue.

4.2. Wet Vacuuming

- **Important:** Remove the cartridge filter and install the foam filter before wet vacuuming. Failure to do so will damage the cartridge filter.
- Turn on the vacuum.
- Use the utility nozzle to pick up liquids such as water, soup, or spilled beverages.
- The built-in water stop valve will automatically float upwards and stop the vacuum when the tank is full to prevent overflow.

4.3. Blower Function

- Locate the blower port on the vacuum unit.
- Insert the flexible hose into the blower port.
- Turn on the vacuum. The powerful airflow can be used to quickly blow away light debris like sawdust, leaves, or to dry surfaces.



Figure 4.2: Examples of the DEWALT DXV15T in use for dry vacuuming wood shavings, wet vacuuming spilled liquids, and general cleaning in various environments.



Figure 4.3: The DEWALT DXV15T demonstrating the reach of its 4.85-meter (20-foot) long power cord, allowing for extensive cleaning without frequent unplugging.

5. Maintenance

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

5.1. Emptying the Tank

- Always unplug the vacuum before emptying.
- Release the latches on the sides of the unit and lift off the motor head.
- Carefully empty the contents of the tank into a suitable waste receptacle.
- Clean the inside of the tank with water and mild detergent if necessary, then dry thoroughly.

5.2. Filter Cleaning and Replacement

- **Cartridge Filter (Dry Use):** Tap the filter gently to dislodge dust. For thorough cleaning, rinse with water and allow to air dry completely before reinstallation. Replace if damaged or excessively dirty.

- **Foam Filter (Wet Use):** Rinse the foam filter with water to remove debris. Squeeze out excess water and allow to air dry completely before storage or reinstallation.

5.3. Hose and Accessory Cleaning

- Inspect the hose and nozzles for blockages. Clear any obstructions.
- Wash the hose and accessories with water and mild detergent as needed. Rinse thoroughly and allow to dry before storage.

5.4. Storage

- Store the vacuum and its accessories in a clean, dry place, away from extreme temperatures.
- The compact design allows for convenient storage.

6. Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Vacuum does not turn on.	No power supply; Damaged power cord/plug; Faulty switch.	Check power outlet and circuit breaker. Ensure plug is fully inserted. Inspect cord for damage. Contact customer support if switch is faulty.
Loss of suction.	Full tank; Clogged hose/nozzle; Dirty/clogged filter; Improperly installed filter.	Empty the tank. Clear any blockages in hose or nozzle. Clean or replace filters. Ensure filters are correctly installed.
Motor stops during wet vacuuming.	Tank is full (water stop valve activated).	Empty the tank. The water stop valve is a safety feature.
Unusual noise during operation.	Blockage in hose/nozzle; Damaged motor/fan.	Check for and clear any blockages. If noise persists, contact customer support.

7. Specifications

Technical specifications for the DEWALT DXV15T Portable Wet/Dry Vacuum Cleaner:

Feature	Specification
Model	DXV15T
Capacity	15 Liters (4 Gallon)

Feature	Specification
Motor Power	1100W
Peak Horsepower	5 HP
Sealing Pressure	12 kPa
Air Flow (CFM)	90 CFM
Peak Air Watts	140 Watt
Voltage/Frequency	120V/60Hz
Power Cord Length	4.85 meters (20 feet)
Hose Diameter	48 mm (1-7/8 inches)
Hose Length	2.1 meters (7 feet)
Noise Level	82 dB
Product Dimensions (L x W x H)	14.96" x 14.17" x 20.08" (37.99cm x 35.99cm x 51.00cm)
Item Weight	15.18 pounds (6.88 kg)
Filter Type	Cartridge (dry), Foam (wet)
Special Features	Portable, Waterproof Button, Lightweight, Blower Function, Smart Water Stop Valve



Figure 7.1: Dimensions of the DEWALT DXV15T vacuum cleaner.

8. Warranty and Support

8.1. Warranty Information

The DEWALT DXV15T Portable Wet/Dry Vacuum Cleaner comes with a**24-month warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage resulting from misuse, abuse, neglect, unauthorized repairs, or normal wear and tear. For detailed warranty terms and conditions, please refer to the warranty card included in your package.

8.2. Customer Support

For technical assistance, troubleshooting, or warranty service, please contact DEWALT customer support. You can find contact information on the official DEWALT website or on your warranty card.

When contacting support, please have your product model number (DXV15T) and purchase date available to expedite service.

For more information, visit the official DEWALT website:www.dewalt.com

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