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> Makita XCV11T 18V LXT® Lithium-Ion Brushless Cordless 2 Gallon HEPA Filter Portable Wet/Dry Dust Extractor/Vacuum Kit (5.0Ah) Kit Teal/Grey

Makita XCV11T

Makita XCV11T 18V LXT® Lithium-Ion Brushless Cordless 2 Gallon HEPA Filter Portable Wet/Dry Dust Extractor/Vacuum Kit

Model: XCV11T

INTRODUCTION

The Makita XCV11T is an 18V LXT® Lithium-Ion Brushless Cordless 2 Gallon HEPA Filter Portable Wet/Dry Dust Extractor/Vacuum Kit. This versatile tool is designed for efficient dust management in various applications, offering portability and powerful suction. It features a HEPA filter capable of capturing 99.97% of particulates 0.3 microns and larger, ensuring a cleaner work environment. The kit includes the vacuum unit, two 5.0Ah 18V LXT® Lithium-Ion batteries, and a Rapid Optimum Charger.



Image: The Makita XCV11T portable wet/dry dust extractor/vacuum kit, showing the main unit, two 18V LXT 5.0Ah batteries, and the rapid optimum charger.

SAFETY INFORMATION

Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury. Read all instructions before operating this product.

- **Eye Protection:** Always wear safety glasses or goggles.
- **Respiratory Protection:** When working with fine dust, wear appropriate respiratory protection.
- **Hearing Protection:** Use hearing protection during extended operation.
- **Proper Use:** Use the vacuum only for its intended purpose as described in this manual.
- **Battery Safety:** Use only Makita 18V LXT® Lithium-Ion batteries and chargers. Do not expose batteries to water or extreme temperatures.
- **Electrical Safety:** Do not handle the charger or vacuum with wet hands. Ensure the charger is connected to a properly grounded outlet.
- **Maintenance:** Disconnect the battery before performing any maintenance or cleaning.

PACKAGE CONTENTS

Verify that all items are present in your kit:

- Makita XCV11Z 18V LXT® Brushless 2 Gallon HEPA Filter Portable Wet/Dry Dust Extractor/Vacuum Unit
- Two (2) Makita BL1850B 18V LXT® Lithium-Ion 5.0Ah Batteries
- Makita DC18RC 18V LXT® Lithium-Ion Rapid Optimum Charger
- Round Wet/Dry HEPA Filter (Part No. 162518-0)
- 5" Black Upholstery Nozzle (Part No. 458891-7)
- 7" Black Crevice Nozzle (Part No. 458919-1)
- Anti-Static Flexible Hose, 1" x 6.5' (Part No. 140G04-3)

SETUP

1. Charging the Battery

Before first use, fully charge the supplied 18V LXT® Lithium-Ion batteries using the Rapid Optimum Charger (DC18RC).

1. Connect the charger to a standard electrical outlet.
2. Slide the battery into the charger until it clicks into place.
3. The charger's indicator lights will show the charging status. A full charge typically takes approximately 45 minutes for a 5.0Ah battery.
4. Once charging is complete, remove the battery from the charger.



Image: The Makita DC18RC Rapid Optimum Charger, used for charging 18V LXT Lithium-Ion batteries.



Image: A Makita 18V LXT Lithium-Ion 5.0Ah battery, featuring a battery level indicator.

2. Installing the Battery in the Vacuum

1. Locate the battery compartment on the vacuum unit.
2. Align the battery with the grooves in the compartment.
3. Slide the battery into the compartment until it locks securely in place.



Image: Top view of the Makita XCV11T vacuum, illustrating the battery insertion slot and the hose connection port.

3. Attaching the Hose and Nozzles

1. Insert the end of the flexible hose into the suction port on the vacuum unit. Twist slightly to ensure a snug fit.
2. Select the desired nozzle (upholstery or crevice) and firmly attach it to the other end of the hose.



Image: The Makita XCV11T vacuum with its flexible hose connected and the upholstery nozzle attached, ready for use.

OPERATING INSTRUCTIONS

Powering On/Off and Suction Control

The vacuum features a power switch and a two-speed suction control dial.

1. To turn on the vacuum, rotate the power dial to the desired suction setting (Low or High).
2. To turn off the vacuum, rotate the power dial to the "OFF" position.

The vacuum provides up to 57 CFM (Cubic Feet per Minute) of airflow and 27 inches of water lift suction, suitable for various cleaning tasks.

Wet and Dry Operation

This unit is designed for both wet and dry extraction. When collecting liquids, ensure the filter is properly installed and do not exceed the maximum liquid fill line indicated inside the tank.

For optimal performance and to prevent damage, always empty the tank and clean the filter after wet vacuuming before switching to dry vacuuming, and vice-versa.



Image: A person using the Makita XCV11T portable vacuum to clean wood debris from a wooden surface, demonstrating its use in a workshop setting.

MAINTENANCE

Emptying the Dust Bin

Regularly empty the dust bin to maintain optimal suction power and prevent filter clogging.

1. Ensure the vacuum is turned off and the battery is removed.
2. Unlatch the two side clips and lift the motor head assembly off the dust bin.
3. Carefully empty the contents of the dust bin into a waste receptacle.
4. Wipe the inside of the dust bin with a damp cloth if necessary.
5. Reattach the motor head assembly, ensuring the clips are securely latched.

Cleaning and Replacing the HEPA Filter

The HEPA filter is crucial for maintaining air quality and vacuum performance. A filter cleaning system is integrated to help maintain efficiency.

1. With the motor head assembly removed, locate the HEPA filter.
2. Gently twist and pull the filter to remove it.
3. Tap the filter against a hard surface to dislodge accumulated dust. For thorough cleaning, a soft brush or compressed air can be used (wear respiratory protection). Do not wash the filter with water unless specifically designed for wet cleaning and allowed by the manufacturer.
4. Inspect the filter for any damage or tears. Replace if damaged.
5. To reinstall, align the filter and push it firmly into place.



Image: An internal view of the Makita XCV11T vacuum, showing the round HEPA filter installed within the unit's housing. For optimal performance, it is recommended to replace the HEPA filter periodically, depending on usage and the type of debris collected.

Hose and Attachment Care

Clean the hose and attachments as needed to prevent blockages and maintain airflow. Use a damp cloth to wipe down surfaces. Ensure all components are dry before storage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Vacuum does not turn on.	Battery not inserted correctly or discharged.	Ensure battery is fully inserted. Charge battery if necessary.
Low suction power.	Dust bin full, filter clogged, or hose/nozzle blocked.	Empty dust bin. Clean or replace HEPA filter. Check hose and nozzles for obstructions.
Vacuum shuts off during operation.	Battery overheated or discharged. Overload protection activated.	Allow battery to cool down. Charge battery. Reduce load on the vacuum.
Water leaks during wet vacuuming.	Dust bin overfilled or seals not properly seated.	Do not exceed maximum fill line. Ensure motor head assembly is securely latched and seals are clean.

SPECIFICATIONS

Feature	Detail
Brand	Makita
Model Name	Makita XCV11T 18V LXT® Lithium-Ion Brushless Cordless 2 Gallon HEPA Filter Portable Wet/Dry Dust Extractor/Vacuum Kit (5.0Ah)
Power Source	18V LXT® Lithium-Ion Battery
Capacity	2 Gallons
Maximum Suction	27 Inches Water Lift
Airflow	57 CFM
Filter Type	HEPA Filter (captures 99.97% of particulates 0.3 microns and larger)
Runtime (with 5.0Ah battery)	Up to 60 minutes
Hose Length	6.5 Feet
Item Weight	10.1 lbs (with 5.0Ah battery)
Product Dimensions (L x W x H)	22.25" x 12.25" x 11"
Noise Level	68 dB

WARRANTY AND SUPPORT

The Makita XCV11T is covered by a **3-year limited warranty** from the date of original purchase. This warranty covers defects in materials and workmanship. For full warranty details, please refer to the official Makita warranty statement or contact Makita customer service.

For technical support, service, or to inquire about replacement parts, please contact Makita customer service or visit their official website. You can also refer to the official user guide for more detailed information:

[Download Official User Guide \(PDF\)](#)

When contacting support, please have your product model number (XCV11T) and serial number (if applicable) ready.

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