

## Shop-Vac 5430087

# Shop-Vac 5430087 Cordless Rechargeable Lithium 20V Handheld Vacuum Instruction Manual

Model: 5430087 | Brand: Shop-Vac

## INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Shop-Vac 5430087 Cordless Rechargeable Lithium 20V Handheld Vacuum. This high-quality product is designed for various cleaning needs, offering dependability and performance. Please read these instructions thoroughly before use and retain them for future reference.



Image: The Shop-Vac 5430087 handheld vacuum shown with its included accessories, including the main unit, battery, charger, and various nozzles.

## PACKAGE CONTENTS

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

- Shop-Vac 5430087 Handheld Vacuum Unit
- 2.0A Lithium Battery (20V Max)
- Fast Charger
- Gulper Nozzle
- Crevice Tool
- Extension Wands x 2
- Cartridge Filter
- Accessory Kit



Image: All components of the handheld vacuum, including the main unit, battery, charger, gulper nozzle, crevice tool, extension wands, and cartridge filter, are displayed on a white background.

## SETUP

1. **Charge the Battery:** Before first use, fully charge the 2.0A lithium battery using the provided fast charger. The charging time is approximately 1 hour.
2. **Install the Battery:** Slide the fully charged battery into the base of the handheld vacuum unit until it clicks securely into place.
3. **Attach Accessories:** Select the appropriate nozzle or tool for your cleaning task.
  - **Gulper Nozzle:** Ideal for larger debris and general cleaning.
  - **Crevice Tool:** Use for tight spaces, corners, and edges.

- **Extension Wands:** Connect one or both wands to extend reach for floors or high areas.



Image: A front view of the handheld vacuum, highlighting the nozzle and dustbin assembly.

## OPERATING INSTRUCTIONS

1. **Power On/Off:** Press the power button located on the handle to turn the vacuum on. Press it again to turn it off.
2. **Cleaning:** Move the vacuum slowly over the surface to be cleaned. For optimal suction, ensure the nozzle makes good contact with the surface.
3. **Using Accessories:**
  - For car interiors, use the crevice tool to reach between seats and in tight corners.
  - The gulper nozzle is effective for larger areas like car mats or upholstery.
  - Extension wands can be used for floor-level cleaning or reaching higher spots.
4. **Battery Life:** A fully charged 2.0A battery provides approximately 15 minutes of running time. A 4.0A battery (sold separately) can provide up to 28 minutes.

Your browser does not support the video tag.

Video: An official demonstration of the Shop-Vac 5430087 handheld vacuum in use, showcasing its features and accessories for various cleaning tasks.



Image: The handheld vacuum with the gulper nozzle attached, effectively cleaning crumbs and debris from a car seat.





Image: The handheld vacuum with the crevice tool attached, reaching into the tight space between a car seat and the console to remove debris.





Image: The handheld vacuum with an accessory, possibly the gulper nozzle or a brush, being used to clean pet hair from the carpeted floor of a car, with a dog observing from the back seat.

## MAINTENANCE

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### 1. Emptying the Dustbin:

- To empty the dustbin, press the release button located on the side of the vacuum.
- Rotate the dustbin counter-clockwise and pull it away from the main unit.
- Carefully empty the contents into a trash receptacle.

### 2. Cleaning the Cartridge Filter:

- Remove the cartridge filter from the dustbin.
- Tap the filter gently over a trash can to dislodge dust and debris.
- For a more thorough cleaning, the filter can be rinsed with water. Ensure it is completely dry before reinserting it into the dustbin.

3. **Reassembly:** After emptying and cleaning, reinsert the filter into the dustbin, then align the dustbin with the main unit and twist clockwise until it locks into place.



Image: The handheld vacuum showing the dustbin rotating, indicating the mechanism for detachment and emptying.



Image: The handheld vacuum with its transparent dustbin detached from the main unit, ready for emptying.





Image: Two hands holding the separate components of the vacuum's filtration system: a pleated cartridge filter and a metal mesh screen, indicating they are removable for cleaning.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Vacuum does not turn on.	Battery is not charged or not properly installed.	Ensure battery is fully charged and securely clicked into place.
Low suction power.	Dustbin is full or filter is clogged.	Empty the dustbin and clean the cartridge filter. Ensure filter is dry before reassembly.
Unusual noise during operation.	Obstruction in the nozzle or hose.	Turn off the vacuum and check for any blockages in the nozzle, extension wands, or main suction inlet.

*Note: Replacement filters are essential for maintaining optimal performance. Please contact Shop-Vac customer support for information on purchasing replacement filters.*

## SPECIFICATIONS








Feature	Detail
Model Name	5430087
Brand	Shop-Vac
Voltage	20V Max
Power	180W
Tank Capacity	0.65 Liters / 22oz
Vacuum Pressure	9Kpa
Max Air Flow	40CFM
Max Efficiency	25% Max
Battery Type	Lithium Ion (2.0A included)
Charging Time	1 Hour
Running Time (2.0A battery)	15 minutes
Running Time (4.0A battery)	28 minutes
Filter Type	Cartridge
Item Weight	4.4 pounds
Product Dimensions	16.53"L x 5.7"W x 11"H
Noise Level	40 Decibels

## WARRANTY & SUPPORT

For warranty information, product support, or to purchase replacement parts and accessories, please visit the official Shop-Vac website or contact their customer service department. Keep your purchase receipt as proof of purchase for any warranty claims.

## Related Documents - 5430087

	<p><a href="#">Shop Vac LL600 Owner's Manual and Parts List   Shop-Vac</a></p> <p>Official owner's manual and comprehensive parts list for the Shop Vac LL600 vacuum cleaner. Includes model details, standard accessories, and warranty information from Shop-Vac Corporation.</p>
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<div><div>Appliance Factory Parts</div><div></div></div>	<p><a href="#">Shop Vac Consumer Series Wet/Dry Vacuums - Product Catalog &amp; Owner's Manual</a></p> <p>Explore the Shop Vac Consumer Series, featuring a wide range of powerful and quiet wet/dry vacuums. This catalog includes owner's manuals and specifications for models like the MACS-200D, Quiet Series, Pump Vac, and more, designed for home, garage, and workshop use.</p>
<div><div>Appliance Factory Parts</div><div></div></div>	<p><a href="#">Shop Vac 14RT300D Owner's Manual - Operation and Maintenance Guide</a></p> <p>Comprehensive owner's manual for the Shop Vac 14RT300D wet/dry vacuum. Includes safety instructions, assembly, setup, operation, filter maintenance, troubleshooting, and warranty information.</p>
<div><div><div>shop-vac</div><div>USER MANUAL</div><div>Commercial/Industrial Use</div><div>WET/DRY VACUUM</div></div><div>Series: EAL</div><div><p><b>ATTENTION!</b> Read all safety rules carefully before attempting to operate. Review for proper operation.</p><p><b>DANGER!</b> Never operate this unit when flammable materials or vapors are present because electrical sparks produce fire or sparks that can cause a fire or explosion. NEVER use this unit on flammable liquids.</p><p>For your records, please record the following information and return this user manual to a safe location.</p><p>Model No. _____ Located on the motor</p><p>Purchase Date: _____ Located on top portion of the motor</p></div></div>	<p><a href="#">Shop-Vac Commercial/Industrial Wet/Dry Vacuum User Manual (EAL Series)</a></p> <p>Comprehensive user manual for the Shop-Vac Commercial/Industrial Wet/Dry Vacuum, Series EAL. Provides detailed instructions on safety, setup, operation, filter maintenance, troubleshooting, and warranty information.</p>
<div><div>USER MANUAL</div><div>WET/DRY VAC</div><div><div>4 U.S. GALLON</div><div>15 LITER</div><div>E4 SERIES</div><div>HOUSEHOLD USE</div></div><div><p>FOR YOUR SAFETY, READ ALL INSTRUCTIONS CAREFULLY BEFORE USE. SAVE THIS MANUAL FOR FUTURE REFERENCE.</p></div><div>shop-vac</div></div>	<p><a href="#">Shop-Vac E4 Series 4-Gallon Wet/Dry Vacuum User Manual</a></p> <p>This user manual provides comprehensive instructions for the Shop-Vac E4 Series 4-Gallon Wet/Dry Vacuum, covering safety guidelines, assembly procedures, operation for dry and wet pick-up, blower functionality, maintenance tips, troubleshooting common issues, and warranty information.</p>
<div><div>Appliance Factory Parts</div><div></div></div>	<p><a href="#">Shop Vac 90L550A Owner's Manual and Parts List</a></p> <p>Official owner's manual and comprehensive parts list for the Shop Vac 90 Series, Model 90L550A vacuum cleaner, including standard accessories and warranty information from Shop-Vac Corporation and Appliance Factory Parts.</p>