

Shop-Vac 5430112

Shop-Vac 5430112 Wet/Dry Vacuum

INSTRUCTION MANUAL

1. Important Safety Information

Please read and understand all safety warnings and operating instructions before using this wet/dry vacuum. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **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 when operating as a dry vacuum.
- **Do not** allow to be used as a toy. Close attention is necessary when used by or near children.
- **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. 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.
- Use extra care when cleaning on stairs.
- **Do not** use without filters in place.
- Turn off all controls before unplugging.

2. Product Overview

The Shop-Vac 5430112 is a versatile 4-gallon, 4 Peak HP wet/dry vacuum designed for various cleaning tasks in your home, garage, workshop, or jobsite. It offers 3-in-1 functionality: wet vacuuming, dry vacuuming, and blowing.



Image: Shop-Vac 5430112 Wet/Dry Vacuum with key dimensions and features labeled.

Key Features:

- **Powerful 4 Peak HP Motor:** Provides strong suction for both wet and dry messes.
- **4-Gallon Tank Capacity:** Sufficient capacity for various cleaning jobs.
- **3-in-1 Functionality:** Wet vacuum, dry vacuum, and blower.
- **Extended Cleaning Reach:** 6 ft. hose (1-1/4" diameter) and 10 ft. power cord provide a total 16 ft. reach.
- **Lightweight and Portable:** Weighs only 12 lbs for easy transport.
- **Onboard Tool Storage:** Keeps all accessories organized and within reach.
- **Easy Transportation:** Features a top handle design and 360° rotating wheels for maneuverability.

Easy Transportation



Top Handle Design



360° Rotating Wheels



Image: The Shop-Vac 5430112 demonstrating its portability with a top handle and 360-degree rotating wheels.

3. What's in the Box

Your Shop-Vac 5430112 Wet/Dry Vacuum comes with the following components:



Image: A visual representation of all accessories included with the Shop-Vac 5430112.

- Shop-Vac 5430112 Wet/Dry Vacuum Unit
- 6 ft. x 1-1/4 inch diameter Hose
- 3 Extension Wands
- Gulper Nozzle
- Wet/Dry Nozzle
- Crevice Tool
- Tool Holder (onboard)
- Foam Sleeve (for wet pickup)
- Non-woven Fabric Cloth Filter & Filter Cap (for dry pickup)

4. Setup and Assembly

Follow these steps to assemble your Shop-Vac 5430112 Wet/Dry Vacuum:

1. **Attach the Casters:** Turn the tank upside down. Insert the caster stems into the holes on the bottom of the tank until they click into place.
2. **Install the Top Handle:** Align the top handle with the designated slots on the power head and secure it.
3. **Attach the Tool Holder:** Secure the tool holder to the side of the tank as indicated in the product details diagram.
4. **Connect the Hose:** Insert the hose into the vacuum port on the front of the tank. Ensure it is securely twisted into place to prevent air leaks.
5. **Filter Installation:**
 - **For Dry Vacuuming:** Ensure the non-woven fabric cloth filter and filter cap are securely installed over the float cage.
 - **For Wet Vacuuming:** Remove the non-woven fabric cloth filter and filter cap. Install the foam sleeve over the float cage.
6. **Store Accessories:** Place the extension wands, crevice tool, and nozzles into the onboard tool holder for convenient access.

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**Easy-access
Switch**



Carry Handle

Blower Port



Latches

Tool Holder

Vacuum Port

**Collection
Tank**

Caster



PRODUCT DETAILS

Image: Detailed view of the Shop-Vac 5430112 with all major components labeled for easy identification.



Also compatible with **Shop-Vac High Performance 90398 Cartridge Filter** for both **WET & DRY** pickup Available at Lowe's or the Shop-Vac store for best performance

Image: Visual guide for correctly installing the non-woven fabric filter for dry use and the foam sleeve for wet use.

5. Operating Instructions

Your Shop-Vac 5430112 Wet/Dry Vacuum is designed for efficient cleaning. Follow these guidelines for optimal performance:

5.1. Powering On/Off

Plug the power cord into a suitable 120V electrical outlet. Use the easy-access switch located on the top of the power head to turn the vacuum ON (I) or OFF (O).

5.2. Dry Vacuuming

1. Ensure the non-woven fabric cloth filter and filter cap are correctly installed.
2. Attach the desired nozzle (e.g., Wet/Dry Nozzle, Gulper Nozzle) or extension wands to the hose.
3. Turn the vacuum ON and begin cleaning dry debris.

5.3. Wet Vacuuming

1. **Important:** Remove the non-woven fabric cloth filter and filter cap. Install the foam sleeve over the float cage. Failure to do so will damage the filter and motor.
2. Attach the desired nozzle (e.g., Wet/Dry Nozzle) or extension wands to the hose.
3. Turn the vacuum ON and begin picking up liquids. The float mechanism will rise to shut off suction when the tank is full.

5.4. Blower Function

1. Disconnect the hose from the vacuum port.
2. Insert the hose into the blower port located on the back of the power head.
3. Turn the vacuum ON to use it as a blower for clearing debris from porches, driveways, or workshops.



Image: The Shop-Vac 5430112 showcasing its versatility for wet, dry, and blowing applications.

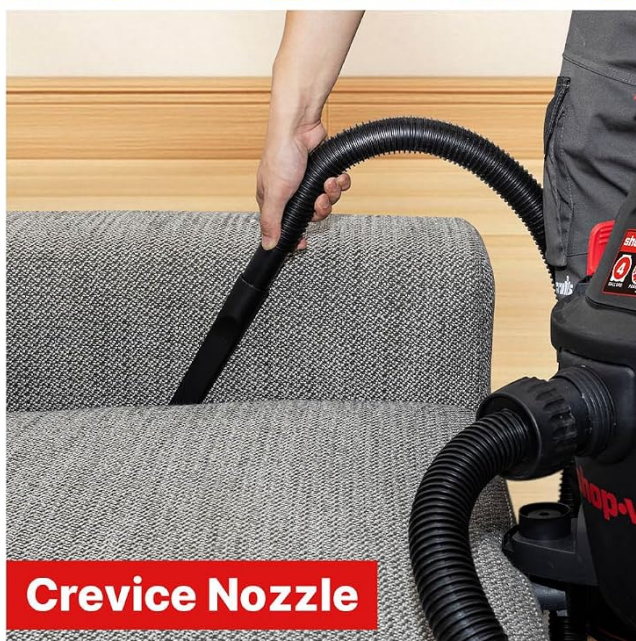
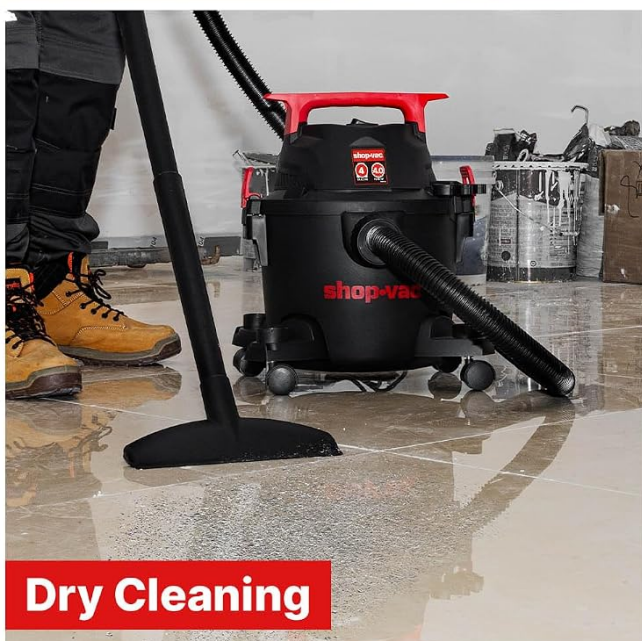


Image: Examples of the vacuum's functions: water uptake, blowing leaves, dry cleaning, and using the crevice tool.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Shop-Vac 5430112 Wet/Dry Vacuum.

6.1. Emptying the Tank

1. Unplug the vacuum from the power outlet.
2. Release the latches on the sides of the tank and carefully lift off the power head.
3. Pour out any collected liquids or dispose of dry debris.
4. Clean the inside of the tank with water and mild soap if necessary. Rinse thoroughly and allow to dry before reassembly.

6.2. Filter Care

- **Foam Sleeve (Wet Pickup):** After wet vacuuming, remove the foam sleeve, rinse it thoroughly with water, and

allow it to air dry completely before storing or reusing.

- **Non-woven Fabric Cloth Filter (Dry Pickup):** For dry debris, periodically remove the fabric filter and gently tap it to dislodge dust. If heavily soiled, it can be washed with mild soap and water, then allowed to air dry completely.
- **Replacement Filters:** For best performance, replace filters when they become worn or damaged. Compatible Shop-Vac High Performance 90398 Cartridge Filters are available for both wet and dry pickup.

6.3. Hose and Accessory Cleaning

Rinse the hose and all accessories with water after use, especially after wet pickup, to prevent clogs and odors. Allow them to air dry before storing.

6.4. Cord Storage

Wrap the power cord neatly around the handle or use the integrated cord wrap feature if available to prevent tangling and damage.

7. Troubleshooting

If you encounter issues with your Shop-Vac 5430112, refer to the following common problems and solutions:

- **Vacuum does not start:**
 - Check if the power cord is securely plugged into a working electrical outlet.
 - Ensure the ON/OFF switch is in the 'ON' (I) position.
 - Check the circuit breaker or fuse in your home.
- **Low or no suction:**
 - Check for clogs in the hose, nozzles, or extension wands. Clear any obstructions.
 - Ensure the tank latches are securely fastened and the power head is properly seated on the tank.
 - Verify that the correct filter is installed and clean. A dirty filter can restrict airflow.
 - The tank may be full. Empty the tank if it contains too much liquid or debris.
 - For wet pickup, the float may have risen to shut off suction if the tank is full.
- **Water leaking from the vacuum (during wet pickup):**
 - Ensure the foam sleeve is correctly installed over the float cage.
 - Check for cracks or damage to the tank or hose connections.
 - The tank may be overfilled. Empty the tank.
- **Excessive noise:**
 - Check for obstructions in the hose or intake.
 - Ensure all parts are securely assembled.

8. Specifications

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12 lbs

Weight

6 Ft

Hose Length

10 Ft

Power Cord

4 Gallons

Tank Capacity

120 V~60 Hz

Supply Voltage

Easy-access Switch



Carry Handle

Blower Port



tool holder

Latches

Vacuum Port

Collection Tank

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Caster



Image: Key specifications of the Shop-Vac 5430112, including weight, hose length, power cord length, tank capacity, and supply voltage.

Feature	Specification
Brand	Shop-Vac
Model Name	5430112
Motor Horsepower	4 Peak HP
Capacity	4 Gallons
Hose Length	6 ft. (1-1/4 inch diameter)
Power Cord Length	10 ft.
Total Cleaning Reach	16 ft.
Item Weight	11.9 Pounds
Item Dimensions (L x W x H)	13.77 x 18.11 x 13.58 inches
Power Source	Corded Electric
Voltage	120 Volts
Filter Type	Foam Sleeve (Wet), Non-woven Fabric Cloth Filter (Dry)
Special Feature	Wet/Dry, Blower Function, Portable, Onboard Tool Storage

9. Warranty and Support

Shop-Vac products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your product or visit the official Shop-Vac website. If you require technical assistance or have questions about your product, please contact Shop-Vac customer support. You can find more information and support resources by visiting the [Shop-Vac Store](#).

