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Shop-Vac B0CTMFGR7X

Shop-Vac 5 Gallon 4.5 Peak HP Wet/Dry Vacuum and Dust Collector Instruction Manual

Model: B0CTMFGR7X

1. IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic precautions should always be followed, including the following:

- Read all instructions before using this wet/dry vacuum.
- Do not leave appliance 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 use without filters in place.
- Turn off all controls before unplugging.
- Use extra care when cleaning on stairs.
- Do not use to pick up toxic materials.

2. PRODUCT OVERVIEW AND COMPONENTS

This Shop-Vac product includes a 5 Gallon 4.5 Peak HP Wet/Dry Vacuum and a separate 5 Gallon Stainless Steel Dust Collector. Familiarize yourself with the components of each package.

2.1 Wet/Dry Vacuum Components



Image: The Shop-Vac 5 Gallon 4.5 Peak HP Wet/Dry Vacuum with its standard accessories laid out, including the hose, extension wands, nozzles, and filters.

- 5 Gallon 4.5 Peak HP Wet/Dry Vacuum Unit
- 7' x 1-1/4" Secure Fit Hose
- (3) Extension Wands
- (1) 10 Inch Wet/Dry Nozzle
- (1) Gulper Nozzle
- (1) Crevice Tool
- (1) Standard Cartridge Filter
- (1) Filter Bag
- (1) Foam Sleeve

2.2 Dust Collector Components

Compact Size Design

EASY TO CARRY



Image: The Shop-Vac 5 Gallon Stainless Steel Dust Collector with its components, including the bucket, lid, hose, elbows, and metal filter.

- 5 Gallon Stainless Steel Bucket
- Dust Collector Lid Assembly
- 2' x 2-1/2" Hose
- (2) 90 Degree Elbows
- (1) Metal Filter

2.3 Product Features Overview



Image: A detailed diagram of the Shop-Vac wet/dry vacuum, highlighting key features such as the Carry Handle, ON/OFF Switch, Motor, Latches, Blower Port, Vacuum Port, Caster, and Collection Tank.

The vacuum features a robust carry handle for portability, an easily accessible ON/OFF switch, secure latches for the collection tank, and smooth-rolling casters for mobility. It includes both a vacuum port and a blower port for versatile cleaning applications.

3. SETUP INSTRUCTIONS

3.1 Wet/Dry Vacuum Assembly

1. **Unpack Components:** Carefully remove all items from the packaging.
2. **Attach Casters:** If not pre-assembled, insert the casters into the caster feet on the bottom of the tank.
3. **Filter Installation (Dry Vacuuming):** For dry pickup, slide the cartridge filter over the filter cage, ensuring it covers the cage completely. Secure it with the filter retainer. For fine dust, you may also install a filter bag over the inlet port inside the tank.
4. **Filter Installation (Wet Vacuuming):** For wet pickup, remove the cartridge filter and filter bag. Slide the foam sleeve over the filter cage.
5. **Attach Hose:** Insert the secure fit hose into the vacuum port on the front of the vacuum head. Twist to lock it in place.

6. **Attach Accessories:** Connect extension wands and desired nozzles (e.g., 10-inch wet/dry nozzle, gulper nozzle, crevice tool) to the end of the hose.



Image: The Shop-Vac wet/dry vacuum fully assembled with its hose and a nozzle attached, ready for use.

3.2 Dust Collector Assembly and Connection

The dust collector is designed to be used in conjunction with your wet/dry vacuum (vacuum cleaner sold separately) to capture fine dust and debris before it reaches the main vacuum filter, prolonging its service life.

ONE MINUTE SET-UP



Image: A step-by-step diagram illustrating the assembly of the dust collector, showing the connection of the vacuum hose, 90-degree elbow, 2-1/2 inch hose, and metal filter to the 5-gallon stainless steel tank.

1. **Install Metal Filter:** Place the metal filter inside the dust collector bucket.
2. **Attach Lid:** Secure the dust collector lid onto the 5-gallon stainless steel bucket.
3. **Connect Hoses:**
 - Connect one end of the 2' x 2-1/2" hose to the inlet port on the dust collector lid.
 - Attach one 90-degree elbow to the other end of the 2' x 2-1/2" hose.
 - Connect the other 90-degree elbow to the outlet port on the dust collector lid.
 - Connect your wet/dry vacuum's hose to the 90-degree elbow on the outlet port of the dust collector.
4. **Connect Tool:** Attach your power tool's dust port to the 90-degree elbow connected to the inlet hose of the dust collector.



Image: The Shop-Vac dust collector shown connected to a separate wet/dry vacuum, illustrating the complete setup for dust collection.

4. OPERATING INSTRUCTIONS

4.1 Dry Vacuuming

1. Ensure the cartridge filter is properly installed and secured. A filter bag can also be used for fine dry debris.
2. Connect the hose and appropriate dry pickup nozzle (e.g., 10-inch wet/dry nozzle, gulper nozzle, crevice tool).
3. Plug the power cord into a suitable electrical outlet.
4. Turn the ON/OFF switch to the 'ON' position to start the vacuum.
5. Vacuum dry debris.
6. When finished, turn the ON/OFF switch to 'OFF' and unplug the unit.

4.2 Wet Vacuuming

1. Remove the cartridge filter and any filter bags. Install the foam sleeve over the filter cage.
2. Connect the hose and the 10-inch wet/dry nozzle.

3. Plug the power cord into a suitable electrical outlet.
4. Turn the ON/OFF switch to the 'ON' position.
5. Vacuum liquids. The vacuum will automatically shut off when the tank is full.
6. When finished, turn the ON/OFF switch to 'OFF', unplug the unit, and empty the tank.

4.3 Blowing Function

1. Remove the hose from the vacuum port.
2. Insert the hose into the blower port located on the back of the vacuum head.
3. Plug the power cord into a suitable electrical outlet.
4. Turn the ON/OFF switch to the 'ON' position to use the blowing function.
5. When finished, turn the ON/OFF switch to 'OFF' and unplug the unit.



Image: A composite image demonstrating the versatility of the Shop-Vac for dry cleaning (e.g., sawdust), wet cleaning (e.g., spilled

liquids), and blow cleaning (e.g., clearing leaves).

4.4 Using the Dust Collector

The dust collector is designed to capture larger debris and fine dust from power tools, preventing them from reaching your main vacuum's filter and extending its lifespan.

1. Ensure the dust collector is properly assembled and connected to your wet/dry vacuum as described in Section 3.2.
2. Connect the dust port of your power tool to the inlet hose of the dust collector.
3. Turn on your wet/dry vacuum, then turn on your power tool.
4. The dust collector will capture the majority of the debris, with only fine particles passing through to the main vacuum.
5. After use, turn off both the power tool and the vacuum. Empty the dust collector bucket as needed.



Image: The Shop-Vac dust collector actively collecting debris from a power tool operation, with an inset showing the internal filter of the main vacuum.



Image: A split image demonstrating the dust collector's capability for both dry collection (e.g., wood chips) and wet collection (e.g., spilled water) when paired with a wet/dry vacuum.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your Shop-Vac wet/dry vacuum and dust collector.

5.1 Emptying the Collection Tank

- **Dry Debris:** Unlatch the vacuum head, lift it off the tank, and carefully empty the dry debris into a waste receptacle.
- **Liquids:** Unlatch the vacuum head and lift it off. Pour the collected liquid into a drain or suitable container.

5.2 Filter Cleaning and Replacement

- **Cartridge Filter:** For dry use, tap the filter gently to dislodge dust. For heavy buildup, rinse the filter under running water from the clean side until clean. Allow it to air dry completely before reinstallation. Replace if torn or damaged.
- **Foam Sleeve:** For wet use, rinse the foam sleeve under running water. Squeeze out excess water and allow it to air dry completely before storage or reinstallation.

- **Filter Bag:** Filter bags are disposable and should be replaced when full or when suction decreases.
- **Dust Collector Metal Filter:** Periodically remove the metal filter from the dust collector bucket and clean off any accumulated debris. Rinse with water if necessary and allow to dry completely.

5.3 General Cleaning

- Wipe down the exterior of the vacuum and dust collector with a damp cloth.
- Inspect the hose and accessories for blockages or damage. Clear any obstructions.
- Store the unit and accessories in a clean, dry place.

6. TROUBLESHOOTING

If your Shop-Vac wet/dry vacuum or dust collector is not performing as expected, consult the following common issues and solutions:

- **Loss of Suction:**
 - Check for blockages in the hose, nozzles, or extension wands.
 - Ensure the collection tank is not full (especially for wet pickup, where automatic shut-off may engage).
 - Verify that filters are clean and properly installed. A clogged filter will reduce suction.
 - Check that the vacuum head latches are securely fastened to the tank.
- **Motor Not Starting:**
 - Ensure the power cord is securely plugged into a working electrical outlet.
 - Check the ON/OFF switch position.
 - Verify that the circuit breaker or fuse for the outlet has not tripped.
- **Dust Escaping from Vacuum:**
 - Ensure the cartridge filter is correctly installed and not damaged.
 - If using a filter bag, ensure it is properly seated over the inlet.
 - Check for any cracks or damage to the tank or vacuum head.
- **Dust Collector Not Capturing Effectively:**
 - Ensure all hose connections are tight and free of leaks.
 - Check if the metal filter inside the dust collector is clogged and requires cleaning.
 - Verify that the main wet/dry vacuum is providing adequate suction.

If you continue to experience issues after attempting these troubleshooting steps, please contact Shop-Vac customer support.

7. SPECIFICATIONS

Brand	Shop-Vac
Model Number	B0CTMFGR7X
Capacity	5 Gallon (Wet/Dry Vacuum), 5 Gallon (Dust Collector)
Motor Horsepower	4.5 Peak HP

Hose Length (Wet/Dry Vacuum)	2.1 Meters (7 feet)
Hose Length (Dust Collector)	2 feet (2-1/2 inch diameter)
Filter Type (Wet/Dry Vacuum)	Cartridge Filter, Foam Sleeve, Filter Bag
Filter Type (Dust Collector)	Metal Filter
Included Components (Wet/Dry Vacuum)	7' x 1-1/4" Secure Fit Hose, (3) Extension Wands, (1) 10 In Wet/Dry Nozzle, (1) Gulper Nozzle, (1) Crevice Tool, (1) Standard Cartridge Filter, (1) Filter Bag, (1) Foam Sleeve
Included Components (Dust Collector)	5 Gallon Stainless Steel Bucket, 2' x 2-1/2" Hose, (2) 90 Degree Elbows, (1) Metal Filter

8. WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please refer to the warranty card included with your product or visit the official Shop-Vac website.

You can also visit the [Shop-Vac Store on Amazon](#) for additional product information and support resources.