RYOBI P1978N

Ryobi 18-Volt ONE+ Cordless 3 Gallon Wet/Dry Vacuum

MODEL: P1978N

Introduction

This manual provides essential instructions for the safe and efficient operation, setup, and maintenance of your Ryobi 18-Volt ONE+ Cordless 3 Gallon Wet/Dry Vacuum, Model P1978N. Please read all instructions carefully before using the product to ensure proper function and to prevent injury or damage.
For detailed safety information, always refer to the separate safety manual included with your product or available on the manufacturer's website.

Package Contents

Verify that all items listed below are included in your package:

- Ryobi 18-Volt ONE+ 3 Gallon Wet/Dry Vacuum
- 3.0 Ah Lithium-Ion Battery
- Battery Charger
- Accessory Storage Kit (includes various nozzles and extensions)
- Hose
- Filter (pre-installed or separate)



An image showing the Ryobi 18-Volt ONE+ 3 Gallon Wet/Dry Vacuum, a 3.0 Ah Lithium-Ion battery, and a battery charger. The vacuum is green and black with a top handle, and the battery and charger are also black and grey.

Setup

1. Battery Installation and Charging

1. Insert the 3.0 Ah Lithium-Ion battery into the battery charger.
2. Plug the charger into a standard electrical outlet. The indicator light on the charger will show the charging status.
3. Once fully charged, remove the battery from the charger.
4. Align the charged battery with the battery port on the vacuum and slide it in until it clicks securely into place.

2. Filter Installation

Ensure the appropriate filter is installed for your cleaning task:

- **Dry Vacuuming:** Use the standard filter or reusable filter. Ensure it is clean and properly seated over the filter cage.
- **Wet Vacuuming:** Remove the dry filter. A foam filter (sold separately or included in some kits) is typically used for wet applications to protect the motor. If no foam filter is available, ensure the dry filter is removed to prevent damage.

3. Hose and Accessory Attachment

1. Insert the hose cuff into the vacuum's intake port and twist to secure it.
2. Attach desired accessories (e.g., crevice tool, utility nozzle) to the end of the hose for specific cleaning tasks.

Operating Instructions

1. Powering On/Off

Press the power button located on the vacuum to turn the unit ON or OFF. The vacuum operates at a single power level.

2. Dry Vacuuming

1. Ensure the dry filter is correctly installed.
2. Attach the appropriate accessory for the surface (e.g., hardwood, tile, bare floor).
3. Turn the vacuum ON and begin cleaning.
4. Monitor the dust tank and empty it when full to maintain optimal suction.

3. Wet Vacuuming

1. **Important:** Remove the dry filter before wet vacuuming. Install a foam filter if available.
2. Ensure the tank is empty before starting.
3. Turn the vacuum ON and proceed to pick up liquids.
4. The vacuum is equipped with a float mechanism that will shut off suction when the liquid reaches its maximum capacity. When this occurs, turn off the vacuum, empty the tank, and then resume operation.

Maintenance

1. Emptying the Tank

1. Turn off the vacuum and remove the battery.
2. Unlatch the motor head from the tank.
3. Carefully lift the motor head and set it aside.
4. Pour out the contents of the tank into an appropriate disposal area.
5. Clean the inside of the tank with water and mild soap if necessary, then rinse thoroughly and allow to air dry before reassembly.

2. Filter Cleaning and Replacement

- **Dry Filter:** Tap the filter gently to dislodge dust. For a more thorough cleaning, rinse with water and allow it to completely air dry before reinstallation. Replace the filter if it is damaged or excessively worn.
- **Foam Filter (for wet use):** Rinse with water and mild soap, then rinse thoroughly and allow to air dry completely before storage or reuse.

3. General Cleaning

Wipe down the exterior of the vacuum with a damp cloth. Do not use harsh chemicals or abrasive cleaners. Store the vacuum and accessories in a clean, dry place.

Troubleshooting

Problem	Possible Cause	Solution
Vacuum does not turn on	Battery not charged or improperly installed; Faulty power button	Ensure battery is fully charged and securely inserted. If problem persists, contact support.

Problem	Possible Cause	Solution
Low suction power	Full tank; Clogged filter; Blocked hose/accessories	Empty the tank. Clean or replace the filter. Check hose and accessories for obstructions.
Liquid overflow during wet vacuuming	Tank is full; Float mechanism stuck	Turn off vacuum and empty the tank. Check if the float mechanism moves freely.
Unusual noise	Obstruction in motor or fan; Loose components	Turn off and remove battery. Inspect for obstructions. If noise persists, discontinue use and contact support.

Specifications

Brand: RYOBI

Model Name: P1978N (also referred to as P1978NC)

Power Source: 18-Volt ONE+ Lithium-Ion Battery

Capacity: 3 Gallons

Special Feature: Wet/Dry Functionality

Filter Type: Standard filter or Reusable filter (for dry use)

Amperage: 3 Amps

Wattage: 3 watts

Form Factor: Cannister

Control Type: Push Button / Touch

Portability: Yes

Number of Handles: 2

Number of Power Levels: 1

Number of Wheels: 4

Recommended Use: Hardwood, Tile Floor, Bare Floor

Indoor/Outdoor Usage: Indoor

Item Weight: Approximately 20 pounds

Product Dimensions: Approximately 20 x 20 x 20 inches

UPC: 033287179084

Warranty and Support

This Ryobi product is covered by a manufacturer's warranty. Please refer to the warranty card included with your purchase or visit the official Ryobi website for specific warranty terms and conditions.
For technical assistance, replacement parts, or warranty claims, please contact Ryobi Customer Support through their official channels. Have your model number (P1978N) and purchase date available when contacting support.