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RYOBI RVI18-0

Ryobi RVI18-0 18V ONE+ Cordless Volume Inflator

INSTRUCTION MANUAL

1. Safety Information

Please read and understand all safety warnings and instructions before operating this tool. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always wear eye protection when operating power tools.
- Do not operate the inflator in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Keep children and bystanders away while operating the inflator. Distractions can cause you to lose control.
- Do not expose the inflator to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Use the correct nozzle for the application. Forcing a nozzle into an incompatible valve can cause damage or injury.
- Do not block air vents during operation. This can cause the tool to overheat.

2. Product Overview

The Ryobi RVI18-0 18V ONE+ Cordless Volume Inflator is designed for high volume, low pressure inflation and deflation tasks. It is ideal for items such as air mattresses, pool toys, and other large inflatables. This bare tool operates with any Ryobi 18V ONE+ battery (sold separately).



The Ryobi RVI18-0 18V ONE+ Cordless Volume Inflator, shown with its ergonomic design and bright green and black casing.

Key Features:

- High volume low pressure inflation and deflation capabilities.
- Pinch valve adaptor for pool toy inflation.
- Locking trigger feature to prevent user fatigue during extended use.
- Can be used as a portable sweeper for work surface clean up.

3. Setup

3.1 Battery Installation

1. Ensure the inflator is turned off.
2. Align the ribs on the battery with the grooves in the tool's battery port.
3. Slide the battery into the tool until it clicks securely into place.
4. To remove the battery, press the release latches on the sides of the battery and pull it out.

3.2 Nozzle Attachment

1. Select the appropriate nozzle for your inflation or deflation task. The inflator comes with various attachments, including a pinch valve adaptor.
2. For inflation, firmly insert the chosen nozzle into the inflation port located at the front of the tool.
3. For deflation, firmly insert the chosen nozzle into the deflation port located at the top of the tool.
4. Ensure the nozzle is securely seated to prevent air leakage during operation.

4. Operating Instructions

4.1 Inflation

1. Attach the desired nozzle to the inflation port.
2. Insert the nozzle into the item to be inflated.
3. Press the trigger to start inflation. For continuous operation, engage the locking trigger feature by pressing the trigger fully and then pushing the lock button.
4. Monitor the inflation process to avoid over-inflation.
5. Release the trigger or disengage the lock button to stop.



Effortlessly inflate pool toys and small inflatable pools using the Ryobi RVI18-0 inflator, making setup quick and easy.



The Ryobi RVI18-0 inflator is ideal for quickly inflating air mattresses and other large inflatables during camping trips.

4.2 Deflation

1. Attach the desired nozzle to the deflation port.
2. Insert the nozzle into the item to be deflated.
3. Press the trigger to start deflation. The locking trigger feature can also be used for continuous deflation.
4. Allow the inflator to remove air until the item is sufficiently deflated.
5. Release the trigger or disengage the lock button to stop.

4.3 Using as a Portable Blower

The inflator can also be used to clear light debris from work surfaces. Simply use the inflation port without a nozzle or with a wide nozzle to direct airflow for cleaning.



Beyond inflation, the Ryobi RVI18-0 can function as a portable blower for clearing debris from work surfaces, such as sawdust from power tools.

5. Maintenance

5.1 Cleaning

- Keep the tool's air vents clear of obstructions to ensure proper cooling.
- Wipe the exterior of the tool with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Periodically inspect nozzles for wear or damage and replace if necessary.

5.2 Storage

- Store the inflator in a clean, dry place, out of reach of children.
- Remove the battery from the tool before storing for extended periods.
- Store nozzles and accessories in a dedicated bag or compartment to prevent loss.

6. Troubleshooting

Problem: Inflator does not turn on.

- **Solution:** Ensure the battery is fully charged and properly inserted into the tool.
- **Solution:** Check if the battery is compatible with the Ryobi 18V ONE+ system.

Problem: Low airflow or poor performance.

- **Solution:** Verify that the correct nozzle is securely attached and not obstructed.
- **Solution:** Check for any blockages in the air intake or output ports.
- **Solution:** Ensure the battery has sufficient charge.

Problem: Tool overheats.

- **Solution:** Do not block the air vents during operation. Allow the tool to cool down before resuming use.
- **Solution:** Avoid continuous operation for excessively long periods.

7. Specifications

Feature	Specification
Brand	RYOBI
Model Name	RVI18-0
Voltage	18 Volts
Power Source	Battery Powered
Air Flow Capacity	210 Liters Per Minute
Maximum Operating Pressure	2 Bars
Item Weight	1.34 pounds (0.61 Kilograms)
Product Dimensions	5.79"L x 39.37"W x 72.44"H
Included Components	Deflation Port, Inflator



Detailed view of the Ryobi RVI18-0 inflator showing its compact dimensions for easy storage and portability.

8. Warranty and Support

This Ryobi RVI18-0 18V ONE+ Cordless Volume Inflator comes with a standard manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions, including warranty duration and coverage details.

Customer Support:

For technical assistance, troubleshooting, or warranty claims, please contact Ryobi customer service. Contact information can typically be found on the product packaging or the official Ryobi website.

Online Support: Visit the official Ryobi website for FAQs, product registration, and service center locations.

Telephone Support: Refer to your product documentation for the customer service phone number in your region.