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› Sun Joe 24V-AJV-CT 24-Volt High-Volume Portable Inflator Instruction Manual

Sun Joe 24V-AJV-CT

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Model: 24V-AJV-CT | Brand: Sun Joe

PRODUCT OVERVIEW

The Sun Joe 24V-AJV-CT 24-Volt High-Volume Portable Inflator is a versatile and powerful tool designed for quick inflation and deflation of various items. This cordless unit is ideal for pool toys, air mattresses, rafts, and more, offering convenience and portability for both indoor and outdoor use. It features a 2-in-1 inflator/deflator function and comes equipped with multiple tethered nozzle adapters to suit different inflation needs.



Figure 1: The Sun Joe 24V-AJV-CT High-Volume Portable Inflator, showcasing its compact design and tethered adapters.

IMPORTANT SAFETY INFORMATION

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

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts.
- Always wear eye protection. Use safety glasses with side shields.
- Do not use the inflator for purposes other than those specified in this manual.
- This tool is designed for high-volume, low-pressure inflation. Do not attempt to inflate high-pressure items like vehicle tires.

- Ensure the battery pack is fully charged before use.
- Always remove the battery pack when not in use or before performing any maintenance.

PACKAGE CONTENTS

Carefully remove all items from the packaging. Inspect the product to ensure no breakage or damage occurred during shipping. If any parts are damaged or missing, DO NOT return the unit to the store. Please call the Snow Joe + Sun Joe customer service department at 1-866-766-9563.

- 24V-AJV-CT High-Volume Portable Inflator (Tool Only)
- 0.17" Inflation Adapter
- 0.19" Inflation Adapter
- 0.5" Inflation Adapter
- Instruction Manual

NOTE: Battery and charger are sold separately.



Figure 2: The Sun Joe 24V-AJV-CT is sold as a tool-only unit; battery and charger are not included.

SETUP

1. Battery Installation

This inflator operates with a 24-Volt IONMAX lithium-ion battery (sold separately). Ensure the battery is fully charged before first use.

1. Align the battery pack with the battery port on the base of the inflator handle.
2. Slide the battery pack into the port until it clicks securely into place.
3. To remove the battery, press the battery release button and pull the battery pack out.



Figure 3: Proper method for inserting the 24V IONMAX battery into the inflator's base.

OPERATING INSTRUCTIONS

1. Attaching Nozzle Adapters

The inflator comes with three tethered nozzle adapters (0.17", 0.19", and 0.5") to accommodate various valve sizes. Select the

appropriate adapter for the item you wish to inflate or deflate.

- For inflation, attach the desired adapter to the inflation port located at the front of the tool.
- For deflation, attach the desired adapter to the deflation port located at the top rear of the tool.



Figure 4: The inflator features tethered adapters for convenience, ensuring they are always close at hand.

2. Inflation Operation

1. Ensure the battery is securely installed.
2. Attach the correct nozzle adapter to the inflation port.
3. Insert the adapter firmly into the valve of the item to be inflated.
4. Press and hold the trigger to begin inflation.
5. Release the trigger to stop inflation. Monitor the item to prevent over-inflation.



Figure 5: Inflating an air mattress using the Sun Joe 24V-AJV-CT inflator.



Figure 6: The inflator is also suitable for quickly inflating pool floats and other recreational items.

3. Deflation Operation

The 2-in-1 design allows for rapid deflation, making it easy to pack away inflatable items.

1. Ensure the battery is securely installed.
2. Attach the correct nozzle adapter to the deflation port (top rear of the tool).
3. Insert the adapter firmly into the valve of the item to be deflated.
4. Press and hold the trigger to begin deflation.
5. Release the trigger to stop deflation.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your inflator.

- **Cleaning:** After each use, wipe the exterior of the inflator with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.

- **Storage:** Store the inflator in a dry, cool place, away from direct sunlight and moisture. Ensure the battery is removed before storage.
- **Battery Care:** Follow the instructions provided with your Sun Joe IONMAX battery and charger for proper charging and storage to maximize battery life.
- **Nozzles:** Keep the nozzle adapters clean and free from debris to ensure efficient airflow.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Inflator does not turn on.	Battery not installed correctly.	Ensure the battery pack is fully inserted and clicks into place.
	Battery is not charged.	Charge the battery pack fully using a compatible Sun Joe charger.
Low airflow.	Nozzle adapter is clogged or incorrect size.	Clean the nozzle adapter. Ensure the correct adapter is used for the item's valve.
	Air intake/exhaust vents are blocked.	Clear any obstructions from the air intake and exhaust vents.
Unit overheats.	Continuous operation for too long.	Allow the unit to cool down for several minutes before resuming operation. Avoid prolonged continuous use.

SPECIFICATIONS

Feature	Detail
Model	24V-AJV-CT
Brand	Sun Joe
Voltage	24 Volts
Power Source	Battery Powered (Battery and Charger Sold Separately)
Air Flow Capacity	36 Cubic Feet Per Minute (CFM)
Air Speed	188.8 MPH
Maximum Pressure	0.7 PSI (1 Bar)
Operation Mode	Automatic
Item Weight	0.48 ounces (13.61 g)
Product Dimensions	7"L x 4.7"W x 7.8"H
Special Features	2-in-1 Inflator/Deflator, 3 Tethered Inflation Adapters

WARRANTY AND CUSTOMER SUPPORT

Your new Sun Joe inflator is backed by the Snow Joe + Sun Joe customer promise. We will warrant new products for two years from the date of purchase. This warranty covers defects in material and workmanship under normal use. For further assistance, warranty claims, or to purchase replacement parts, please contact Snow Joe + Sun Joe Customer Support:

Phone: 1-866-766-9563

Website: www.snowjoe.com (or www.sunjoe.com)

Please have your model number (24V-AJV-CT) and date of purchase ready when contacting customer support.