

## Sun Joe 24V-WSB-LTE

# Sun Joe 24V IONMAX Cordless Workshop Blower + Vacuum (24V-WSB-LTE)

## INSTRUCTION MANUAL

### Introduction

Thank you for purchasing the Sun Joe 24V IONMAX Cordless Workshop Blower + Vacuum (Model: 24V-WSB-LTE). This versatile 2-in-1 tool is designed for efficient clearing of dust, debris, and leaves from various spaces, including workshops, garages, patios, and vehicles. Powered by a 24V Lithium-Ion battery system, it offers cordless convenience and powerful performance. Please read this manual thoroughly before operation to ensure safe and effective use.

**DITCH THE BROOM + DUST PAN!**



## 24V Cordless **WORKSHOP BLOWER + VACUUM**

2.0-Ah Battery + Charger Included

Ideal for sweeping dust,  
debris, and keeps spaces clean



### **Lithium-Ion System**

Long-Lasting 24V  
Lithium-Ion Battery



### **Powerful Motor**

400-watt motor delivers  
185 MPH, 105 CFM



### **2-Speed Setting**

For versatile  
cleaning



### **2-in-1 Tool**

Easily converts from a  
blower to a vacuum

*Figure 1: Sun Joe 24V IONMAX Cordless Workshop Blower + Vacuum with included accessories, including the blower nozzle, vacuum tube, debris bags, and battery charger.*

## **Important Safety Information**

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

- **Read all instructions:** Familiarize yourself with the controls and proper use of the tool.
- **Wear eye protection:** Always wear safety glasses or goggles when operating the blower/vacuum.
- **Keep bystanders away:** Ensure children and pets are at a safe distance during operation.
- **Avoid accidental starting:** Ensure the switch is in the OFF position before inserting the battery pack.
- **Do not operate in explosive atmospheres:** Do not use the tool in the presence of flammable liquids, gases, or dust.
- **Use only Sun Joe approved batteries and chargers:** Using other batteries or chargers may create a risk of injury and fire.

## **Product Overview and Components**

The Sun Joe 24V IONMAX Cordless Workshop Blower + Vacuum comes with the following components:

- Main Blower/Vacuum Unit
- 24V 2.0 Ah Lithium-Ion Battery
- Battery Charger
- Blower Nozzle
- Vacuum Tube
- 3 Tethered Crevice Nozzles (0.2", 0.5", 0.9")
- 2 Debris Collection Bags



Figure 2: The main unit, 24V battery, and battery charger.

## Setup

### 1. Battery Charging

Before first use, fully charge the 24V Lithium-Ion battery. The charger is designed to prevent overcharging.

1. Insert the battery pack into the charger. Ensure it clicks into place.
2. Plug the charger into a standard electrical outlet.
3. The charging indicator light on the charger will show the charging status. Refer to the charger's specific instructions for light indications.

4. Once fully charged, unplug the charger and remove the battery pack.



Figure 3: Inserting the 24V 2.0 Ah Lithium-Ion battery into the tool.

## 2. Attaching Nozzles and Converting Modes

The tool can be easily converted between blower and vacuum modes.

- **For Blower Mode:** Attach the blower nozzle to the air outlet. Ensure it is securely fastened. For precision work, attach one of the tethered crevice nozzles to the end of the blower nozzle.
- **For Vacuum Mode:** Remove the blower nozzle. Attach the vacuum tube to the air inlet and one of the debris collection bags to the air outlet. Ensure all connections are secure to prevent loss of suction or debris leakage.

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## 2-in-1 Tool

Easily converts from a **blower** ideal for sweeping away dust and debris, to a **vacuum** keep your workspace, garage, shed, and more clean

*Figure 4: The tethered crevice nozzles provide precision airflow for tight spaces.*

## Operating Instructions

### 1. Powering On/Off and Speed Settings

The tool features a trigger switch for power control and a 2-speed selector.

- **To Turn On:** Insert a charged battery pack. Press the trigger switch.
- **To Turn Off:** Release the trigger switch.
- **Speed Selection:** Use the speed selector switch (Low/High) located on the handle to adjust the airflow intensity. The 400-watt motor delivers up to 185 MPH of air speed and 105 CFM of air flow on high setting.

### 2. Blower Mode Operation

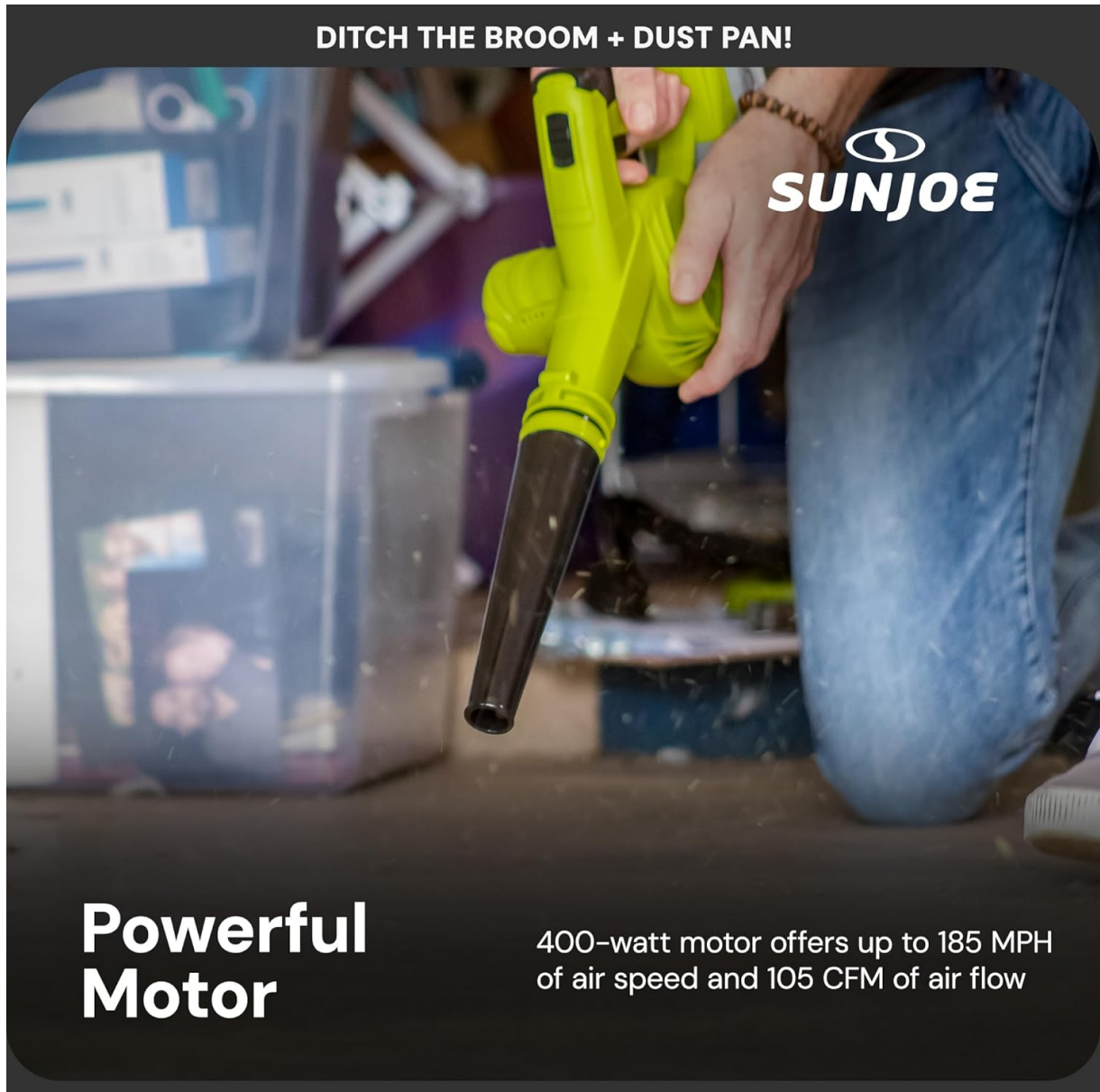
Use the blower mode to clear light debris, dust, and leaves.

- Direct the nozzle towards the debris you wish to clear.
- Start on the low-speed setting for lighter debris or delicate areas, then switch to high speed for heavier debris or larger areas.



- Move the blower in a sweeping motion to gather debris into a pile.

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**Powerful Motor**

400-watt motor offers up to 185 MPH of air speed and 105 CFM of air flow

*Figure 5: Clearing sawdust from a workbench using the blower function.*

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## **Tethered Blower Crevice Nozzle**

0.2", 0.5", 0.9" nozzles

## **Accessory Kit Includes**

2 debris collection bags, a  
blower + vacuum tube, and  
blower crevice nozzles



*Figure 6: Clearing leaves from a patio with the Sun Joe blower.*

### **3. Vacuum Mode Operation**

Use the vacuum mode to collect debris into the attached collection bag.

- Ensure the tool is properly configured for vacuum mode with the vacuum tube and debris bag attached.
- Position the vacuum tube over the debris.
- Move the tool slowly over the area to be cleaned, allowing the vacuum to pick up the debris.
- Empty the debris bag regularly to maintain optimal suction.



Figure 7: Using the tool in vacuum mode to clean a workbench surface.

#### 4. Official Product Video Demonstration

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*Video 1: A demonstration of the Sun Joe 24V-WSB-LTE Blower and Vacuum in action, showcasing its versatility in various cleaning tasks.*

### Maintenance

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

- **Cleaning:** After each use, wipe down the exterior of the tool with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Debris Bag:** Empty the debris collection bags when full or after each use. Clean the bags periodically to prevent clogging and maintain airflow.
- **Battery Care:** Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. Do not store the battery in a discharged state for extended periods.
- **Inspection:** Periodically inspect the nozzles, tubes, and main unit for any damage or wear. Replace worn or damaged parts immediately.



## Troubleshooting

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly inserted	Ensure battery is fully charged and securely inserted.
Low air speed/suction	Debris bag full or clogged; nozzle/tube obstructed	Empty debris bag. Clear any obstructions from nozzles or tubes.
Tool stops during operation	Battery overheated or discharged	Allow battery to cool down. Recharge battery if necessary.

## Specifications

- **Model:** 24V-WSB-LTE
- **Brand:** Sun Joe
- **Power Source:** Battery Powered
- **Voltage:** 24 Volts
- **Motor:** 400-watt
- **Max Air Speed:** Up to 185 MPH
- **Max Air Flow:** Up to 105 CFM
- **Weight:** 3.52 pounds (1.6 Kilograms)
- **Product Dimensions:** 14.5"L x 11"W x 10.8"H
- **Noise Level:** 92 Decibels
- **Battery Type:** Lithium Ion (1 included)

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*Figure 8: Product dimensions for the Sun Joe 24V-WSB-LTE.*

## Warranty

The Sun Joe 24V IONMAX Cordless Workshop Blower + Vacuum (24V-WSB-LTE) is covered by a **2-year warranty** from the date of purchase. This warranty covers defects in material or workmanship under normal use. Please retain your proof of purchase for warranty claims.

## Customer Support

For technical assistance, replacement parts, or general inquiries, please refer to the contact information provided on the official Sun Joe website or your product packaging. Have your model number (24V-WSB-LTE) and date of purchase ready when contacting support.