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› Sun Joe 24-Volt Cordless Compact Turbine Leaf Blower, 100 MPH Air Speed, 280 CFM Airflow Jet Blower, Tool Only

Sun Joe 24V-TB-CT

Sun Joe 24-Volt Cordless Compact Turbine Leaf Blower User Manual

Model: 24V-TB-CT

1. IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- **Read all instructions carefully** before operating the appliance.
- **Wear appropriate personal protective equipment (PPE)**, including safety glasses, hearing protection, and sturdy footwear.
- **Keep children and bystanders away** from the operating area.
- **Do not operate in wet conditions** or rain.
- **Ensure the battery pack is fully charged** before use and remove it when not in use or during maintenance.
- **Use only manufacturer-recommended accessories and replacement parts.**
- **Inspect the blower for damage** before each use. Do not operate if damaged.
- **Avoid accidental starting.** Ensure the switch is in the off-position before inserting the battery pack.
- **Do not direct air discharge at people or pets.**
- **Store the appliance indoors** in a dry, secure place out of reach of children.

2. PRODUCT OVERVIEW

The Sun Joe 24-Volt Cordless Compact Turbine Leaf Blower is designed for efficient outdoor cleanup. It features a lightweight, cordless design for ease of use and maneuverability.



Figure 2.1: Sun Joe 24-Volt Cordless Compact Turbine Leaf Blower. This image shows the overall design of the leaf blower, highlighting its compact and ergonomic form.

Key Features:

- **Cordless Design:** Offers freedom of movement without the hassle of cords.
- **Powerful Performance:** Up to 100 MPH air speed and 280 CFM airflow for effective debris clearing.
- **Lightweight:** Weighs under 4 lbs for easy handling and reduced fatigue.
- **IONMAX Compatibility:** Compatible with Sun Joe's 24V lithium-ion battery system (battery and charger sold separately).
- **Robust 350W Motor:** Provides strong and consistent power.

MAKE CLEANUP A BREEZE!



Cordless Compact Turbine JET BLOWER

Tool Only
Battery + Charger Sold Separately



LIGHTWEIGHT

Weights only 4 lbs. for
easy portability



VERSATILE

Quickly clears away leaves,
dirt, debris, or even light
snow



POWERFUL

Provides up to 280 CFM
of airflow



CORD-FREE

No gas, oil, tune-ups,
pull-cords, or tangled
extension cords

Figure 2.2: Key features of the Sun Joe Cordless Compact Turbine Jet Blower. This image illustrates the lightweight, versatile, powerful, and cord-free aspects of the blower.

MAKE CLEANUP A BREEZE!



SUNJOE

Robust 350W Motor

Built with a powerful motor
for ultimate performance

Powered by IONMAX

Compatible with our exclusive
24V lithium-ion battery
system (battery and charger
sold separately)



Figure 2.3: Robust 350W Motor and IONMAX Battery System. This image highlights the powerful motor and the compatibility with the 24V IONMAX lithium-ion battery system.

3. ASSEMBLY AND SETUP

The Sun Joe 24-Volt Cordless Compact Turbine Leaf Blower requires minimal assembly.

3.1 Attaching the Blower Tube

1. Align the blower tube with the main housing of the blower.
2. Push the tube firmly onto the housing until it clicks into place, ensuring a secure connection.

3.2 Charging and Installing the Battery (Battery and Charger Sold Separately)

1. Before first use, fully charge the 24V IONMAX lithium-ion battery using the compatible Sun Joe charger. Refer to the battery and charger manual for specific charging instructions.
2. Once charged, slide the battery pack into the battery port on the blower handle until it locks securely into place.
3. To remove the battery, press the release button and slide the battery out.



Figure 3.1: Proper insertion of the IONMAX battery into the blower. This image demonstrates how to securely slide the battery pack into the blower's handle.

4. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your leaf blower.

4.1 Starting the Blower

1. Ensure the battery is fully charged and securely installed.
2. Hold the blower firmly with one hand on the main handle.
3. Press the power button or pull the trigger to start the blower.



Figure 4.1: User operating the cord-free Sun Joe blower. This image shows a user holding the blower, emphasizing its cord-free operation and ease of use.

4.2 Using the Blower

- Direct the blower tube towards the debris you wish to clear.
- Use a sweeping motion to gather leaves and debris into piles.
- For stubborn debris, use short, powerful bursts of air.
- The turbine jet fan propels air up to 100 MPH, making it effective for clearing driveways, patios, and walkways.

MAKE CLEANUP A BREEZE!



TURBINE JET FAN BLOWER

Propels air up to **100 mph** for swift cleanups in the garage or on the porch, patio, deck, or walkway

Figure 4.2: The powerful turbine jet fan in action. This image illustrates the blower's capability to propel air at high speeds for efficient cleanup.

4.3 Stopping the Blower

- Release the power button or trigger to turn off the blower.
- Always remove the battery pack when finished operating or before performing any maintenance.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your Sun Joe leaf blower.

5.1 Cleaning

- After each use, remove the battery pack.
- Wipe down the exterior of the blower with a clean, damp cloth. Do not use harsh detergents or solvents.
- Clear any debris from the air intake vents to prevent overheating.

5.2 Storage

- Store the blower and battery pack in a cool, dry, and well-ventilated area.
- Keep out of reach of children and away from direct sunlight or extreme temperatures.
- For long-term storage, ensure the battery is partially charged (around 50%) to maintain battery health.

6. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Blower does not start.	Battery not inserted correctly. Battery is not charged.	Ensure battery is fully seated. Charge the battery.
Reduced airflow.	Air intake vents are blocked. Battery charge is low.	Clear any debris from vents. Recharge the battery.
Blower stops during operation.	Battery is depleted. Overheating.	Recharge the battery. Allow blower to cool down before resuming use.

If the problem persists after attempting these solutions, please contact Sun Joe customer support.

7. SPECIFICATIONS

Specification	Value
Model	24V-TB-CT
Brand	Sun Joe
Voltage	24 Volts
Air Speed	Up to 100 MPH
Air Flow Capacity	280 CFM
Motor Power	350 Watts
Item Weight	4 Pounds
Product Dimensions	36"L x 5"W x 8"H
Noise Level	71 dB

MAKE CLEANUP A BREEZE!


SUNJOE

LENGTH

36"

91.44 CM

WIDTH

5"

12.7 CM

HEIGHT

8"

9.652 CM

WEIGHT

2.9

LBS.

Figure 7.1: Product dimensions of the Sun Joe leaf blower. This image provides a visual representation of the blower's length, width, height, and weight.

8. WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please visit the official Sun Joe website or contact their customer service department.

You can also visit the [Sun Joe Store on Amazon](#) for more products and information.

Refer to the original purchase documentation or the manufacturer's website for the most up-to-date warranty terms and conditions.