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WORX WX020L

WORX NITRO 20V Cordless Paint Sprayer (Model WX020L) User Manual

Your guide to efficient and effective paint application.

IMPORTANT SAFETY INFORMATION

Always wear appropriate eye and face protection. Use the paint sprayer in a well-ventilated area. Keep the device away from heat and open flames. Do not ingest materials or allow them to get into eyes. Keep out of reach of children. Dispose of batteries and paint materials according to local regulations.

PRODUCT OVERVIEW

The WORX NITRO 20V Cordless Paint Sprayer (Model WX020L) is engineered for high performance and extended run time, offering cordless convenience for painting projects. It features a brushless motor for enhanced efficiency and durability.



Figure 1: WORX NITRO 20V Cordless Paint Sprayer with attached battery and paint container.

Key Features:

- **Cordless Design:** Provides flexibility to paint anywhere without power cords.
- **Speed Control:** Allows for even paint flow and minimizes over-spraying.
- **Power Share Battery System:** Compatible with over 75+ 20V, 40V, and 80V WORX Power Share tools.
- **Adjustable Spray Pattern:** Choose between wide or narrow spray patterns for various project needs.
- **Multiple Nozzles:** Includes four nozzle sizes (1.5mm, 1.8mm, 2.2mm, 2.6mm) suitable for stains, primers, and latex paints.
- **Large Capacity:** The paint container holds up to 34 fl oz (1000 ml) of material.
- **Easy to Clean:** Features a garden hose hook-up and detachable accessories for quick cleaning.

SETUP AND ASSEMBLY

1. **Charge the Battery:** Insert the 4.0Ah battery into the 2A quick charger and allow it to fully charge before first use.

**10%
LONGER
LIFE**

*On tools with brushless motors, compared to tools with standard motors

Figure 2: The 20V Power Share battery, essential for cordless operation.

2. **Attach Battery:** Once charged, slide the battery onto the base of the paint sprayer until it clicks into place.
3. **Select Nozzle:** Choose the appropriate nozzle size (1.5mm, 1.8mm, 2.2mm, or 2.6mm) based on the material viscosity and desired spray pattern. One nozzle is pre-installed.
4. **Install Nozzle:** Twist off the front cap of the sprayer, insert the selected nozzle, and re-secure the cap.



CORDLESS CONVENIENCE



Figure 3: Close-up view of the sprayer nozzle, which can be changed for different spray patterns.

5. **Prepare Material:** Fill the 34 fl oz (1000 ml) paint container with your desired paint, stain, or primer. Ensure the material is properly thinned according to the paint manufacturer's instructions and tested for viscosity using the included viscosity cup.
6. **Attach Container:** Screw the filled paint container securely onto the sprayer body.

OPERATING INSTRUCTIONS

1. **Adjust Air Flow:** Use the red dial at the back of the sprayer to adjust the air flow. Higher numbers typically provide more air for thicker materials.



SPRAY A FENCE FAST

WORX NITRO

Figure 4: The air flow control dial located at the rear of the sprayer for precise adjustment.

2. **Select Spray Pattern:** Rotate the orange ear tabs on the front of the nozzle to switch between wide (horizontal or vertical) and narrow (round) spray patterns.
3. **Test Spray:** Before applying to your project, always test the spray pattern and flow on a scrap piece of material. Adjust air flow and spray pattern as needed to achieve an even, consistent coat.
4. **Apply Material:** Hold the sprayer approximately 6-12 inches from the surface. Press the trigger to begin spraying, moving the sprayer in smooth, even strokes. Overlap each pass by about 50% for uniform coverage.



MAKE QUICK WORK OF CABINETS

WORX NITRO

Figure 5: Demonstrating the paint sprayer in action on a wooden surface.

5. **Minimize Over-spraying:** The speed control feature helps to evenly dispense paint and reduce over-spraying. Practice on scrap material to find the optimal settings for your project.

Product Demonstration Video:

[REDACTED]
Video 1: Official product demonstration of the WORX NITRO 20V Cordless Paint Sprayer, showcasing its features and use.

MAINTENANCE AND CLEANING

Proper cleaning after each use is crucial for maintaining the performance and longevity of your paint sprayer.

1. **Empty Container:** Remove the paint container and empty any remaining material.
2. **Initial Rinse:** Fill the container with clean water (for water-based paints) or appropriate cleaning solution (for oil-based paints). Reattach the container and spray the cleaning liquid through the sprayer until it runs clear. Repeat if necessary.
3. **Disassemble:** Detach the paint container, nozzle, and other removable parts.
4. **Thorough Cleaning:** Use the included wire brush and declogging needle to clean the nozzle, fluid tube, and any other parts that came into contact with paint. The garden hose adapter can be used for a more convenient rinse of the main sprayer head.
5. **Dry and Store:** Ensure all components are thoroughly dry before reassembling or storing the sprayer. Store in a clean, dry place.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No spray or weak spray	Clogged nozzle, insufficient material, low battery, material too thick.	Clean nozzle, refill container, charge battery, thin material to correct viscosity.
Uneven spray pattern / Splattering	Incorrect air flow setting, material too thick/thin, incorrect nozzle for material, clogged nozzle.	Adjust air flow dial, adjust material viscosity, select appropriate nozzle, clean nozzle.
Paint leaking from sprayer	Loose connections, damaged seals, overfilling container.	Ensure all parts are securely tightened, check seals for damage and replace if necessary, do not overfill.
Battery drains quickly	Battery not fully charged, old battery, continuous heavy use.	Ensure battery is fully charged before use. Consider having a spare battery for larger projects. Replace old batteries if capacity is significantly reduced.

SPECIFICATIONS

- **Brand:** WORX
- **Model Number:** WX020L
- **Power Source:** Battery Powered (20V Lithium Ion)
- **Tank Volume:** 1000 Milliliters (34 fl oz)
- **Item Weight:** 3.7 Pounds
- **Product Dimensions:** 11.3 x 10.83 x 5.47 inches
- **Included Components:** Paint Sprayer, 4.0Ah battery, 2A quick charger, 4 nozzles (1.5mm, 1.8mm, 2.2mm, 2.6mm), viscosity cup, wire brush, declogging needle, garden hose adapter
- **Material:** Plastic
- **Color:** Black, Orange
- **Recommended Uses:** Painting

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official WORX website. For technical support, replacement parts, or further assistance, please contact WORX customer service. Keep your purchase receipt for warranty claims.