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› Wagner 305 Painter Sprayer Instruction Manual

Wagner 305

Wagner 305 Painter Sprayer Instruction Manual

Model: 305

IMPORTANT SAFETY INFORMATION

WARNING: Always wear appropriate safety gear, including eye and hand protection. Keep the sprayer away from heat sources and never point it at people or animals. Always follow the manufacturer's instructions for proper use, maintenance, and disposal. Be aware of the high pressure and potential risks associated with pressurized liquids. Read and understand all instructions before operating the Wagner 305 Painter Sprayer. Failure to follow these instructions may result in serious injury or property damage.

PRODUCT OVERVIEW

The Wagner 305 Painter Sprayer is a compact, handheld airless sprayer designed for medium projects such as garages, sheds, and small houses. It is suitable for spraying oil or latex paints, stains, sealers, and waterproofers.



Image: The Wagner 305 Painter Sprayer, showing its compact design, material cup, and remote suction set.

Key Features:

- **5.4 GPH flow rate:** Efficient material delivery for faster project completion.
- **WideShot tip:** Provides a spray pattern up to 12 inches wide.
- **6-foot remote suction set:** Allows drawing material directly from the paint can.
- **Convenient carry case:** For easy transport and storage.
- **Tungsten carbide piston:** Ensures maximum durability.
- **Includes replacement atomizer valve and cleaning brush:** For maintenance.

SETUP INSTRUCTIONS

1. **Prepare Your Work Area:** Ensure the area is well-ventilated and free from obstructions. Cover surfaces not intended for painting.
2. **Wear Safety Gear:** Always wear eye protection, gloves, and a respirator suitable for the material being sprayed.
3. **Assemble the Sprayer:**
 - Attach the 1-quart material cup or the 6-foot remote suction set to the sprayer. Ensure connections are secure.
 - Verify the WideShot tip is correctly installed.
4. **Prepare Material:**
 - Stir paint, stain, or other material thoroughly.

- If necessary, thin the material according to the paint manufacturer's recommendations and the sprayer's guidelines. Use a viscosity cup if provided (not included with this model, refer to material manufacturer).
- Strain the material through a paint strainer to remove any lumps or debris that could clog the sprayer.

5. **Connect Power:** Plug the sprayer into a grounded electrical outlet.

OPERATING INSTRUCTIONS

1. Prime the Sprayer:

- Point the sprayer into a waste container.
- Turn the sprayer on. Allow it to run until a steady stream of material is discharged, indicating it is primed.
- Turn the sprayer off.

2. Test Spray:

- Test the spray pattern on a piece of scrap material (cardboard, wood).
- Adjust the pressure control (if available, this model is fixed pressure) or distance from the surface to achieve the desired finish.

3. Spraying Technique:

- Hold the sprayer approximately 8-12 inches from the surface, keeping it perpendicular to the surface.
- Move the sprayer at a consistent speed, overlapping each pass by about 50%.
- Release the trigger at the end of each pass to avoid paint buildup.

4. **Refilling:** If using the material cup, refill as needed. If using the remote suction set, ensure the hose remains submerged in the material.

5. **Finishing:** When finished spraying, turn off the sprayer and disconnect it from the power source.

MAINTENANCE

Proper cleaning and maintenance will extend the life of your Wagner 305 Painter Sprayer.

1. Immediate Cleaning After Use:

- Empty any remaining material from the cup or suction hose.
- Fill the cup or a separate container with appropriate cleaning solution (water for latex, mineral spirits for oil-based paints).
- Spray the cleaning solution through the sprayer into a waste container until it runs clear.
- Disassemble the tip and atomizer valve. Clean all parts thoroughly with the cleaning brush and solution.
- Rinse all parts with clean water (if using water-based cleaning solution) and allow them to dry completely.

2. **Atomizer Valve Replacement:** The sprayer includes a replacement atomizer valve. Replace it if the spray pattern becomes inconsistent or if the original valve is damaged. Refer to the diagram in the included manual for specific replacement steps.

3. **Storage:** Store the clean, dry sprayer and its components in the provided carry case in a dry, temperature-controlled environment.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No spray or weak spray	Clogged tip or atomizer valve; material too thick; sprayer not primed.	Clean tip and atomizer valve. Thin material if necessary. Re-prime the sprayer.
Inconsistent spray pattern	Partially clogged tip; worn atomizer valve; improper material consistency.	Clean tip. Replace atomizer valve. Adjust material thinning.
Sprayer motor runs but no material is drawn	Suction set not fully submerged; air leak in suction system; material too thick.	Ensure suction hose is fully in material. Check all connections for tightness. Thin material.

SPECIFICATIONS

- **Brand:** Wagner
- **Model Name:** 305
- **Model Number:** 0272045
- **Flow Rate:** 5.4 GPH (Gallons Per Hour)
- **Tank Volume:** 1 Quart (material cup)
- **Hose Length:** 6 Feet (remote suction set)
- **Item Weight:** 6 Pounds
- **Power Source:** Handheld (Electric)
- **Maximum Pressure:** 2000 PSI (Pound per Square Inch)
- **Material:** Plastic (housing)
- **Included Components:** 6-foot remote suction set, replacement atomizer valve, cleaning brush, molded plastic carrying case.

WARRANTY AND SUPPORT

The Wagner 305 Painter Sprayer comes with a **1 Year Limited Warranty** against manufacturer defects. Please retain your proof of purchase for warranty claims.

For technical support, replacement parts, or further information, please visit the official Wagner website or contact customer service.

You can also visit the [Wagner Store on Amazon](#) for additional product details and accessories.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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