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› Wagner Control Spray Double Duty HVLP Sprayer 0518050 Instruction Manual

Wagner 0518050

Wagner Control Spray Double Duty HVLP Sprayer 0518050 Instruction Manual

Model: 0518050

INTRODUCTION

The Wagner Control Spray Double Duty HVLP (High Volume Low Pressure) sprayer is designed for applying thin materials such as stains, sealers, urethanes, varnishes, and lacquers. It features a two-stage air turbine for a continuous flow of material and air, ensuring a fine finish for various indoor and outdoor projects. This manual provides essential information for safe and effective use, setup, operation, and maintenance of your sprayer.



Figure 1: Wagner Control Spray Double Duty HVLP Sprayer. This image shows the complete sprayer unit with its yellow and black body, and a clear material cup attached.

SAFETY INFORMATION

Always prioritize safety when operating any power tool. Please read and understand all safety warnings before using the Wagner Control Spray Double Duty sprayer.

- Always wear appropriate safety gear, including gloves and eye protection, when using this sprayer.
- Do not use with heavy or abrasive materials.
- Avoid over-spraying or applying too much material at once.
- Always follow the manufacturer's instructions for assembly, disassembly, and maintenance.
- Keep the sprayer clean and dry when not in use.
- Never point the spray nozzle at people or animals.
- Always store the sprayer in a cool, dry place away from heat sources and open flames.
- Always dispose of the sprayer and its contents in accordance with local, state, and federal regulations.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

WHAT'S INCLUDED

Your Wagner Control Spray Double Duty package includes:

- 1 x HVLP Sprayer Unit
- 1 x 1-Quart Material Cup (for smaller interior work)
- 1 x 1.5-Quart Material Cup (for larger exterior work)

SETUP

1. **Prepare the Work Area:** Ensure your work area is well-ventilated and protected from overspray. Cover any surfaces not intended for painting.
2. **Material Preparation:** Thin your material (stain, sealer, varnish, lacquer) according to the material manufacturer's recommendations. Use a viscosity cup to ensure proper consistency for spraying.
3. **Fill the Material Cup:** Select the appropriate material cup (1-quart for small jobs, 1.5-quart for large jobs) and fill it with your prepared material. Securely attach the cup to the sprayer.
4. **Adjust Air Cap:** The sprayer features a three-position air cap to adjust the spray pattern.
 - Vertical Fan: For horizontal surfaces.
 - Horizontal Fan: For vertical surfaces.
 - Round Pattern: For small areas or intricate work.



Figure 2: Three Spray Patterns. This image illustrates the three adjustable spray patterns: horizontal, vertical, and round, available by rotating the air cap.

5. **Adjust Material Flow:** Use the variable trigger to control the material volume. Turn the regulator on the trigger to achieve the desired flow rate, from a fine mist to a wider pattern.

OPERATING INSTRUCTIONS

Proper technique is crucial for achieving a professional finish with your Wagner sprayer.

Achieving the Best Paint Finish

For optimal results, consider these three factors: distance from the surface, length of passes, and speed of movement.

- **Distance:** Maintain a consistent distance of 6-8 inches from the surface you are spraying. A good rule of thumb is to place your fingers touching the surface and position the sprayer at the end of your hand.
- **Length of Passes:** Minimize the number of times you go over a surface. Aim to cover the entire area with full, end-to-end passes rather than short, choppy motions.
- **Speed:** Spray at a consistent speed. Go slow enough to achieve full coverage, but not so slow that the material begins to run or drip.



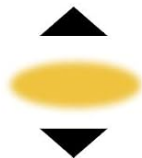
Figure 3: Staining Project. A person is shown using the Wagner sprayer to apply stain to a wooden fence, demonstrating its use for outdoor projects.

THREE SPRAY PATTERNS

FOR ANY PROJECT



Horizontal



Vertical



Round



Figure 4: Material Flow Adjustment. A hand is shown adjusting the material flow regulator on the sprayer's trigger, allowing precise control over the spray volume.

Holding the Gun & Using the Trigger

Hold the sprayer straight onto the surface, maintaining a 90-degree angle. Overlap each pass by at least 30% to ensure even coverage. Release the trigger at the end of every pass to prevent overspray and drips.

For models with a two-stage trigger (Flexio 570, 590, 990), the first stage winds up the turbine and pressurizes the cup, blowing only air. Pull the trigger further to activate the paint spray once the turbine is fully wound up.

Official Product Video: Tips & Tricks for Best Paint Finish

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Video 1: This video provides essential tips and tricks for achieving the best paint finish with your Wagner sprayer, covering proper distance, pass length, and spray speed.

MAINTENANCE & CLEANING

Regular cleaning and maintenance will extend the life of your sprayer and ensure consistent performance.

1. **Immediate Cleaning:** After each use, immediately clean the sprayer. Disassemble the gun and rinse all parts thoroughly with the appropriate cleaning solution for your material (water for water-based, mineral spirits for oil-based).
2. **Nozzle Maintenance:** Periodically wipe the tip of the nozzle during use to prevent paint from drying and disrupting the spray pattern.
3. **Filter Replacement:** The sprayer uses replaceable filters to keep particles out of the paint. Check and replace these filters as needed to maintain optimal performance.
4. **Storage:** Ensure all components are completely dry before reassembling and storing the sprayer in a cool, dry place.

TROUBLESHOOTING

If you encounter issues with your sprayer, consider the following common solutions:

- **No Spray or Weak Spray:**
 - Check material consistency; it might be too thick.
 - Ensure the material cup is securely attached and not empty.
 - Clean the nozzle and air cap for clogs.
 - Verify filters are clean and not obstructed.
- **Inconsistent Spray Pattern:**
 - Clean the air cap and nozzle.
 - Adjust the air cap to the correct position for your application.
 - Ensure consistent distance and speed during spraying.
- **Paint Runs or Drips:**
 - You might be spraying too slowly or too close to the surface.
 - The material might be too thin.
 - Reduce the material flow setting.

SPECIFICATIONS

Brand	Wagner
Model Number	0518050 (518050)
Tank Volume	0.25 Gallons (1-Quart and 1.5-Quart cups included)
Color	Yellow
Product Dimensions (W x H)	14"W x 11.5"H
Power Source	Electric
GTIN / UPC	024964180738

WARRANTY & SUPPORT

The Wagner Control Spray Double Duty HVLP Sprayer comes with a 1 Year Limited Warranty from the manufacturer. For detailed warranty information, product support, or to explore other Wagner products, please visit the official Wagner Store:

Visit the Wagner Store

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