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› Wagner SprayTech 2416643 Control Spray Xtra Duty User Manual

Wagner 2416643

Wagner SprayTech Control Spray Xtra Duty User Manual

Model: 2416643

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Wagner SprayTech 2416643 Control Spray Xtra Duty paint sprayer. Please read this manual thoroughly before initial use and keep it for future reference.



Image: The Wagner SprayTech Control Spray Xtra Duty paint sprayer, showing its yellow and black body with a white paint container attached.

SAFETY INFORMATION

Caution: This product involves pressurized liquids, potential chemical exposure, and mechanical risks. Always adhere to the following safety guidelines for safe handling, usage, and maintenance:

- Always wear appropriate personal protective equipment (PPE), including eye protection, gloves, and a respirator, especially when spraying paints or chemicals.
- Ensure adequate ventilation in your work area to prevent the buildup of hazardous fumes.
- Never point the spray gun at yourself or others.
- Always disconnect the power before cleaning, adjusting, or performing maintenance.
- Keep children and pets away from the work area.
- Refer to the coating manufacturer's instructions for specific safety precautions related to the material being sprayed.

PRODUCT FEATURES AND BENEFITS

- **Fast Application:** Stains an 8' x 8' area in less than 1 minute, ideal for medium-sized staining projects.
- **Efficiency:** 5X faster than a brush, ensuring projects are completed quickly.
- **Smooth Finish:** Applies a smooth, consistent finish without brush marks.
- **Versatile Coating Compatibility:** Sprays transparent, semi-transparent, and solid stain, water-based lacquer, and latex paint (thinning may be required).
- **Adjustable Settings:** Multiple adjustable settings to suit various project and coating needs.
- **Easy Cleanup:** Designed for quick and easy cleaning, preparing it for next use.
- **Accessory Compatibility:** Compatible with the Detail Finish nozzle for fine finishing work (sold separately).



IDEAL FOR:

- **STAINS**
- **SEALERS**
- **URETHANES**
- **VARNISHES**
- **WATER-BASED LACQUERS**

Image: A visual representation indicating the types of materials suitable for spraying with the Wagner Control Spray Xtra Duty, including stains, sealers, urethanes, varnishes, and water-based lacquers.



GREAT FOR SPRAYING THIN TO MEDIUM-BODIED MATERIALS ON DECKS AND FENCES

Image: A person using the Wagner Control Spray Xtra Duty to apply material to a wooden deck, illustrating its effectiveness for spraying thin to medium-bodied materials on decks and fences.

SETUP AND PREPARATION

1. Unpacking and Assembly

1. Carefully remove all components from the packaging.
2. Ensure all parts are present: spray gun, paint container, and any included accessories.
3. Attach the paint container to the spray gun body by twisting it securely until it clicks into place.

2. Material Preparation

- Before filling, ensure your coating material (stain, lacquer, paint) is thoroughly mixed.
- For optimal performance, especially with latex paints, thinning may be required. Refer to the coating manufacturer's instructions for recommended thinning ratios. Use appropriate thinning agents (e.g., water for water-based, mineral

spirits for oil-based).

- Strain the material through a paint strainer or cheesecloth to remove any lumps or debris that could clog the sprayer.

3. Filling the Container

1. Unscrew the paint container from the spray gun.
2. Pour the prepared coating material into the container, ensuring not to overfill.
3. Securely reattach the container to the spray gun.

OPERATING INSTRUCTIONS

1. Adjusting Spray Settings

COMPLETE ADJUSTABILITY FOR ALL YOUR PROJECT NEEDS



Adjustable Pattern Width



Material Flow Control



On/Off Switch



**Horizontal and Vertical
Spray Pattern**

Image: Four close-up views demonstrating the adjustable features of the Wagner Control Spray Xtra Duty: Adjustable Pattern Width, Material Flow Control, On/Off Switch, and Horizontal and Vertical Spray Pattern adjustments.

- **Adjustable Pattern Width:** Rotate the air cap to change the spray pattern from a narrow stream to a wide fan.
- **Material Flow Control:** Use the red dial on the trigger to adjust the amount of material being sprayed. Start with a lower setting and increase as needed.
- **Horizontal and Vertical Spray Pattern:** The air cap can be rotated to achieve either a horizontal or vertical fan pattern, suitable for different surfaces.

2. Spraying Technique

- **Test Spray:** Always test the spray pattern and material flow on a piece of scrap material before applying to your project.
- **Distance:** Hold the spray gun approximately 6-10 inches (15-25 cm) from the surface.
- **Movement:** Use smooth, even strokes, moving your entire arm rather than just your wrist. Overlap each pass by about 50% to ensure even coverage.
- **Trigger Control:** Press the trigger fully to start spraying and release it at the end of each pass.
- **Corners and Edges:** Angle the spray gun slightly to ensure good coverage in corners and along edges.



Image: A person using the Wagner Control Spray Xtra Duty, with an overlay graphic showing a "Project Selector" wheel indicating the sprayer is best for large interior, large exterior, fine finish, small room, small exterior, and medium exterior projects.

MAINTENANCE AND CLEANING

Proper cleaning after each use is crucial for the longevity and performance of your Wagner Control Spray Xtra Duty.

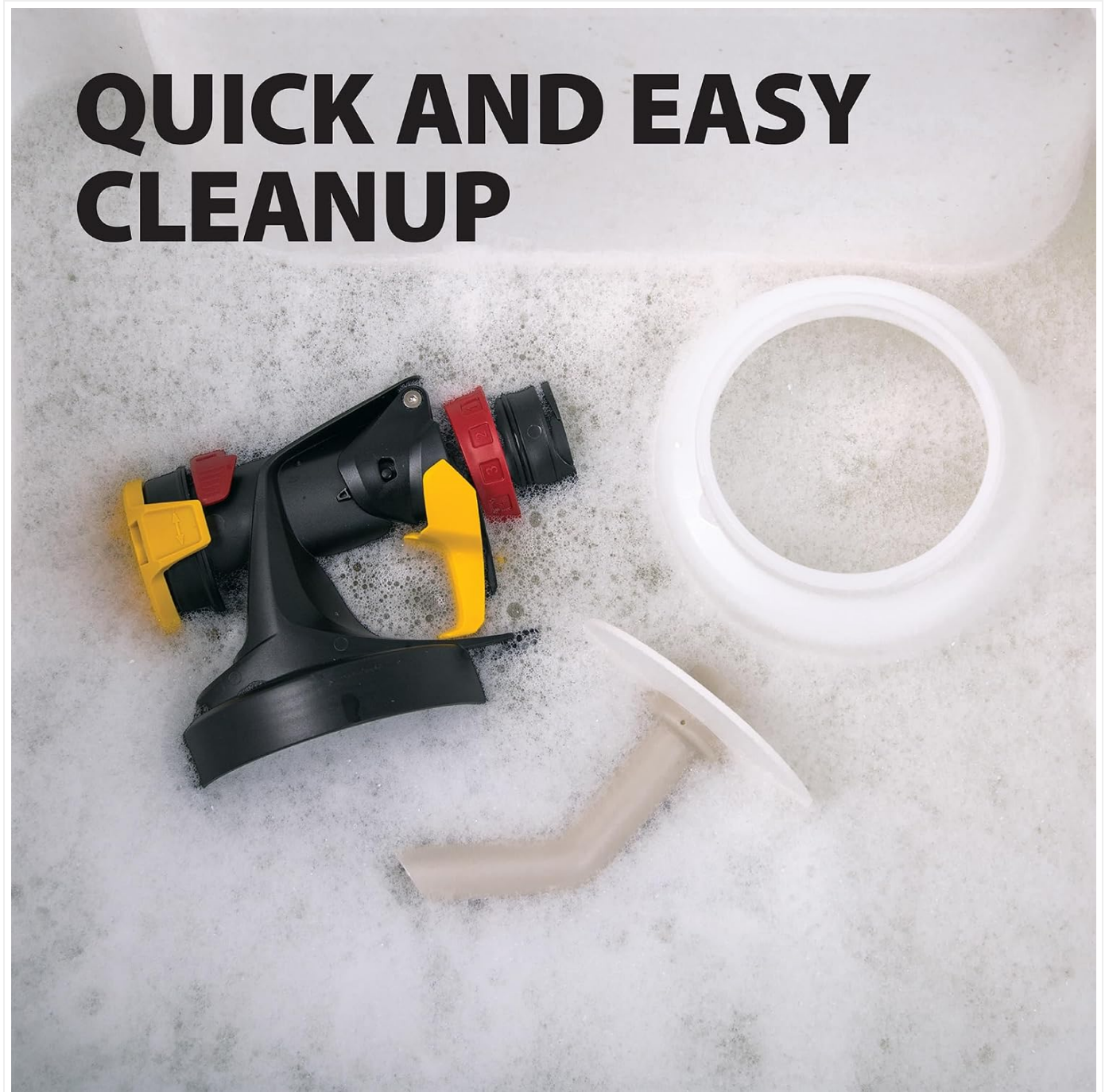


Image: Disassembled parts of the Wagner Control Spray Xtra Duty, including the nozzle assembly and paint container, soaking in soapy water, illustrating the ease of cleanup.

Cleaning Procedure:

1. **Empty Container:** Empty any remaining material from the paint container back into its original can or a waste container.
2. **Initial Rinse:** Fill the container with appropriate cleaning solution (warm soapy water for water-based materials, mineral spirits for oil-based). Spray the solution through the gun into a waste container until clear.
3. **Disassemble:** Disconnect the power. Unscrew the paint container and disassemble the nozzle assembly (air cap,

nozzle, fluid tip).

- 4. **Thorough Cleaning:** Wash all disassembled parts with the appropriate cleaning solution and a brush. Pay close attention to the fluid tip and air cap to remove all material residue.
- 5. **Rinse and Dry:** Rinse all parts thoroughly with clean water. Allow them to air dry completely before reassembly.
- 6. **Reassembly:** Reassemble the spray gun, ensuring all parts are securely in place.

Storage:

Store the clean and dry spray gun in a cool, dry place, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No spray or weak spray	Clogged nozzle/fluid tip; Insufficient material; Air leak; Material too thick.	Clean nozzle/fluid tip; Refill container; Check for loose connections; Thin material as per manufacturer's instructions.
Uneven spray pattern or spitting	Partially clogged nozzle; Incorrect air cap adjustment; Material too thick or thin.	Thoroughly clean nozzle; Adjust air cap for desired pattern; Adjust material viscosity.
Excessive overspray	Too much material flow; Spray gun too far from surface; Incorrect pressure setting.	Reduce material flow; Move closer to surface (6-10 inches); Ensure proper pressure (if applicable).
Paint runs or drips	Too much material flow; Spray gun too close to surface; Moving too slowly.	Reduce material flow; Increase distance from surface; Increase spraying speed.

SPECIFICATIONS

Brand: Wagner

Model Name: Wagner SprayTech 2416643 Control Spray Xtra Duty, Multi

Model Number: 2416643

UPC: 024964297290

Color: Multicolor

Material: Plastic

Style: Gun

Power Source: Manual Pump

Recommended Uses: Small to medium size staining projects

Item Package Dimensions (L x W x H): 11 x 9.2 x 9.2 inches

Item Dimensions (L x W x H): 19.5 x 14 x 12 inches

Package Weight: 1.91 Kilograms

Manufacturer: Wagner SprayTech

Date First Available: October 15, 2021

Warranty Information

This product comes with a manufacturer's warranty. For specific details regarding the warranty period and coverage, please refer to the warranty card included with your product or visit the official Wagner website. Keep your proof of purchase for warranty claims.

Customer Support

For technical assistance, replacement parts, or further inquiries, please contact Wagner SprayTech customer support. You can find contact information on the official Wagner website or through the support resources provided with your product.



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Image: A graphic promoting Wagner+ support, videos, tips, and project ideas, indicating digital access to resources is available with product purchase.

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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.

Submit question