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› WAGNER Control Pro 250 R Airless Paint Spray System User Manual

Wagner Control Pro 250 R (Model 2371069)

WAGNER Control Pro 250 R Airless Paint Spray System

Model: 2371069

1. INTRODUCTION

Thank you for choosing the WAGNER Control Pro 250 R Airless Paint Spray System. This compact and powerful unit is designed for efficient and high-quality paint application for various projects, from small touch-ups to large surfaces. Featuring High Efficiency Airless (HEA) technology, it provides maximum control, longer service life, and up to 55% less overspray, making it suitable for both experienced users and beginners.

This manual contains important information regarding the safe operation, setup, maintenance, and troubleshooting of your spray system. Please read it thoroughly before initial use and keep it for future reference.

2. SAFETY INFORMATION

WARNING: Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

2.1 General Safety Precautions

- Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and a respirator mask, to protect against paint mist and chemical exposure.
- Ensure adequate ventilation in the work area to prevent the buildup of hazardous fumes.
- Avoid contact with eyes. In case of contact, rinse immediately with plenty of water and seek medical advice.
- Avoid inhaling spray mist.
- In case of skin contact, wash the affected area with plenty of soap and water.
- Do not spray flammable materials.
- Connect the unit only to a safety power outlet with a residual current device (16 A).
- Keep children and bystanders away while operating the spray system.

3. PRODUCT OVERVIEW

The WAGNER Control Pro 250 R is a versatile airless paint spray system designed for various painting tasks. Its key components include the main unit with a powerful piston pump, a high-pressure hose, and a spray gun with an innovative nozzle.



Image: The Wagner Control Pro 250 R Airless Paint Spray System, showing the main unit, spray gun, and hose.

3.1 Key Features

- **High Efficiency Airless (HEA) Technology:** Reduced spray pressure for maximum control, longer service life, and up to 55% less overspray.
- **Versatile Application:** Suitable for water-based or solvent-based paints, including interior dispersion/latex paints, lacquers, glazes, acrylic paints, wood preservatives, primers, and disinfectants. (Not compatible with flammable materials).
- **Direct Suction:** Draws paint directly from the paint can, eliminating the need for decanting or refilling.
- **Flexible Hose:** 9-meter long, highly flexible paint hose for a wide working radius.
- **Portable Design:** Practical carrying handle for easy transport between work sites.
- **Innovative Nozzle Technology:** Provides a perfect spray pattern for excellent coverage, especially when overlapping passes.



Image: Included accessories for the spray system, such as filters, a respirator mask, and different spray nozzles.

4. SETUP

4.1 Preparation of the Work Area

- Clear the work area of any obstacles and ensure good ventilation.
- Cover all surfaces not to be painted with masking tape and plastic sheeting to protect them from overspray.
- Ensure proper lighting for optimal visibility.

4.2 Assembling the Unit

1. Place the main unit on a stable, level surface near the paint container.
2. Connect the high-pressure hose to the spray gun and the main unit, ensuring all connections are secure.
3. Attach the suction tube to the main unit and place the filter end into the paint container.
4. Select the appropriate nozzle for your paint type and project, and install it onto the spray gun.



Image: A user setting up the spray system indoors, with furniture and floors protected by covers.

4.3 Priming the Pump

- Ensure the pressure regulator is set to the lowest setting.
- Turn on the unit. The pump will begin to draw paint.
- Once paint flows smoothly through the return hose into the container, the pump is primed.

5. OPERATION

5.1 Adjusting Pressure and Spray Pattern

- Gradually increase the pressure using the regulator on the unit until the desired spray pattern is achieved.
- Test the spray pattern on a piece of cardboard or scrap material before applying to your main surface.

5.2 Spraying Technique

- Maintain a consistent distance (approx. 25-30 cm) from the surface.
- Move the spray gun in smooth, even strokes, overlapping each pass by about 50% to ensure uniform coverage.
- Release the trigger at the end of each stroke to prevent paint buildup.



Image: A user applying paint to an interior wall using the Wagner spray system, demonstrating proper technique.



Image: A user spray painting a ceiling, highlighting the system's versatility for overhead applications.



Image: A user applying wood stain or paint to outdoor wooden stairs, showcasing the system's use for intricate outdoor projects.



Image: A user spray painting the exterior wall of a shed, demonstrating the system's capability for larger outdoor surfaces.

6. MAINTENANCE

Proper cleaning and maintenance are crucial for the longevity and optimal performance of your WAGNER Control Pro 250 R.

6.1 Cleaning After Use

1. Turn off the unit and relieve pressure from the system.
2. Remove the suction tube from the paint container and place it into a bucket of appropriate cleaning solution (water for water-based paints, mineral spirits/white spirit for oil-based paints/lacquers).
3. Run the cleaning solution through the system until it runs clear.
4. Disassemble the spray gun and nozzle, cleaning all components thoroughly. Refer to the detailed cleaning instructions in the full product manual for complete disassembly and cleaning steps.
5. Clean the exterior of the unit with a damp cloth.

6.2 Storage

- Store the unit in a clean, dry, and frost-free environment.
- Ensure all components are completely dry before storage to prevent corrosion.
- For long-term storage, consider using a pump protector fluid to prevent internal components from drying out or corroding.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your WAGNER Control Pro 250 R. For more complex problems, please contact customer support.

Problem	Possible Cause	Solution
No spray or low pressure	Clogged nozzle or filter; Air in the system; Insufficient paint; Pump not primed.	Clean or replace nozzle/filter; Bleed air from the system; Refill paint; Re-prime the pump.

Problem	Possible Cause	Solution
Uneven spray pattern	Incorrect pressure setting; Worn or wrong nozzle; Inconsistent spraying technique.	Adjust pressure; Replace nozzle; Practice consistent strokes.
Unit not starting	No power supply; Faulty power cord/plug; Overload protection activated.	Check power connection; Inspect cord/plug; Reset overload protection (if applicable).
Excessive overspray	Pressure too high; Incorrect nozzle for material; Spraying too far from surface.	Reduce pressure; Use appropriate nozzle; Spray closer to surface.

8. SPECIFICATIONS

Feature	Specification
Manufacturer	WAGNER
Model Name	WAGNER Airless Farbsprühsystem Control Pro 250 R
Model Number	2371069
Product Dimensions (L x W x H)	45.99 x 39.54 x 33.47 cm
Weight	7.1 Kilograms
Color	Grey / Black
Material	Stainless Steel
Power Source	Corded Electric
Hose Length	9 Meters
Special Features	Airless
Pump Type	Piston pump
Power Consumption	600W
Voltage	230V ~ 50Hz
Maximum Spray Pressure	11 Mpa (110 bar)
Maximum Flow Rate	1.5 l/min
Maximum Coating Product Temperature	40°C
Sound Pressure Level	83 dB(A)
Sound Power Level	97 dB(A)
Vibration Level	2.5 m/s²

9. WARRANTY AND SUPPORT

9.1 Manufacturer's Warranty

The WAGNER Control Pro 250 R comes with a 3-year manufacturer's warranty. This warranty covers defects in materials and workmanship under normal use. For an additional year of warranty, online registration may be available. Please refer to the product packaging or the official Wagner website for detailed warranty terms and registration procedures.

9.2 Spare Parts Availability

Spare parts for the WAGNER Control Pro 250 R are available for a period of 1 year from the date of purchase. Contact customer support for information on ordering spare parts.

9.3 Customer Support

Should you have any questions, concerns, or require technical assistance, please do not hesitate to contact Wagner customer support:

- **Phone:** +33 (0)4.58.09.04.12
- **Website:** Visit the official Wagner website for FAQs, product information, and additional support resources.

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Question

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