

Wagner 0580001

Wagner Control Pro 170 Paint Sprayer Instruction Manual

Model: 0580001

1. PRODUCT OVERVIEW

The Wagner Control Pro 170 High Efficiency Airless™ (HEA) paint sprayer is designed to simplify painting projects, making it easier to achieve professional-quality finishes. This airless paint sprayer is ideal for homeowners tackling various projects, including exterior siding, decks, fences, garage doors, sheds, walls, and ceilings.

Key Features:

- **High Efficiency Airless Technology:** Decreases overspray by up to 55% compared to traditional airless sprayers, providing a softer spray, improved control, and a more consistent finish.
- **Powerful Spray Gun:** Features a durable, all-metal HEA gun with a 0.60 horsepower pump capable of spraying unthinned paint and stain materials.
- **Extended Reach:** Includes a 30 ft. HEA hose, allowing for easy spraying of large projects without constantly moving the unit.
- **Direct Paint Pickup:** Draws paint directly from 1 or 5-gallon containers for convenience during large-scale tasks.
- **Adjustable Pressure Control:** Easily adjust the pressure control knob to regulate paint flow for various materials and applications.
- **Integrated Storage:** Conveniently store spare tips and tools directly on the unit.



The Wagner Control Pro 170 High Efficiency Airless Paint Sprayer, showcasing its main unit, spray gun, and hose.

2. SETUP GUIDE

Proper setup is crucial for optimal performance and safety. Follow these steps to prepare your Wagner Control Pro 170 for use.

Assembly and Initial Preparation:

1. Attach the handle to the main unit.
2. Slide the suction and return tubes onto their respective fittings and secure them with the provided clamps.
3. Thread the high-pressure hose to the fluid outlet on the sprayer and tighten securely with a wrench.
4. Spin the spray gun onto the other end of the hose and tighten with a wrench.
5. Ensure the tip guard is removed before priming.

Priming the Sprayer:

1. Depress the SureFlo™ pusher valve to free the inlet ball.
2. Place the suction tube into your 1 or 5-gallon paint container.
3. Turn the Prime/Spray valve down to the Prime position.
4. Turn the pressure control knob to '2'.
5. Allow the pump to run until paint flows freely from the return tube into the paint container.
6. Turn the pressure control knob to '0'.
7. Point the spray gun into a waste bucket and turn the pressure control knob to '2'.
8. Turn the Prime/Spray valve to the Spray position.
9. Continue to squeeze the trigger until paint flows freely through the gun.
10. Thread the spray tip onto the gun, ensuring the spray tip is rotated forward.
11. Turn the pressure control knob to '5' for testing.
12. Test the spray pattern on a scrap surface before beginning your project.

Your browser does not support the video tag.

This video provides a step-by-step guide on how to properly set up your Wagner High Efficiency Airless Sprayer before beginning your painting project.



A view of the integrated storage compartment on the Wagner Control Pro 170, designed to hold spare tips and tools for convenience.

3. OPERATION INSTRUCTIONS

Achieving a smooth, even finish requires proper spraying technique. Follow these guidelines for effective operation of your Control Pro 170.

Spraying Technique:

- Always keep the spray gun square to the surface for consistent coverage.
- Maintain a distance of 10-12 inches from the surface being painted.
- The spray gun should be moving when the trigger is pulled and released to avoid paint buildup.
- Overlap each stroke by 50% to ensure complete and even coverage.
- Use complete, full passes for best results.

Your browser does not support the video tag.

Watch this video for essential tips and techniques on how to effectively use your Wagner High Efficiency Airless Sprayer for consistent and smooth paint application.

SPRAYS UNTHINNED PAINT DIRECTLY FROM 1 OR 5 GALLON CONTAINERS



An individual using the Wagner Control Pro 170 to apply paint to an interior wall, demonstrating the sprayer's ease of use for indoor projects.

BEST IN INDUSTRY WARRANTY



A person applying paint to exterior house siding using the Wagner Control Pro 170, highlighting its suitability for large outdoor surfaces.

EASILY CONTROL YOUR PAINT FLOW



An individual using the Wagner Control Pro 170 to efficiently spray a wooden fence, illustrating its versatility for various outdoor structures.

HEA | HIGH EFFICIENCY AIRLESS™

OVERSPRAY IN AIR¹



SAME FINISH, IMPROVED CONTROL, LESS OVERSPRAY

¹ Testing performed vs. competitive high pressure airless system using a popular interior latex paint.

A close-up of a hand adjusting the pressure control knob on the Wagner Control Pro 170, which allows for precise control over paint flow.

Tip Selection:

The Control Pro 170 comes with a 515 HEA tip, suitable for most paints. For specific coatings or desired pattern widths, refer to the tip recommendation chart.



A chart detailing recommended spray tips for different coatings and Wagner Control Pro models, including the 170, to achieve optimal pattern width.

4. CLEANING AND MAINTENANCE

Regular cleaning and maintenance are essential to prolong the life of your sprayer and ensure consistent performance. Always perform pressure relief procedures before any cleaning or maintenance.

Cleaning Procedure:

1. Perform the pressure relief procedure: Lock the spray gun trigger, turn the Prime/Spray knob to the Prime position, turn the pressure control knob to '0', unlock the trigger, and pull the trigger to relieve pressure from the system. Lock the trigger again.
2. Remove the spray tip and guard from the gun and place them in a suitable cleaning solution.
3. Place the suction tube into a bucket of appropriate cleaning solution (water for latex, mineral spirits for oil-based paints).
4. Point the spray gun into a waste bucket. While squeezing the trigger, turn the pressure control knob to '2' and turn the Prime/Spray knob to the Spray position. Continue squeezing the trigger until clear fluid is coming out.
5. Perform the pressure relief procedure again.
6. Refer to the full instruction manual for detailed short-term and long-term storage procedures.

Your browser does not support the video tag.

Learn the correct procedure for cleaning your Wagner High Efficiency Airless Sprayer after use to ensure its longevity and optimal performance.



Hands demonstrating the removal of a filter from the suction tube of the Wagner Control Pro 170, a key step in routine cleaning and maintenance.

5. TROUBLESHOOTING

If you encounter issues with your Wagner Control Pro 170, consult the comprehensive troubleshooting section in your full instruction manual. Common issues may include:

- Poor spray pattern or clogging (often resolved by thinning paint slightly or cleaning the tip/filter).
- Loss of pressure (check for air in the system or blockages).
- Leaking (ensure all connections are tight and seals are intact).

For detailed solutions and diagnostic steps, always refer to the complete manual provided with your product.

6. PRODUCT SPECIFICATIONS

Feature	Specification
Brand	Wagner
Model Name	Control Pro 170
Item Model Number	0580001
Power Source	AC/DC
Voltage	120 Volts
Maximum Pressure	1500 PSI
Hose Length	360 Inches (30 ft)
Tank Volume	5 Gallons (direct draw)
Material	Metal
Item Weight	18.41 pounds
Product Dimensions	13.18"W x 15.56"H
Included Components	30' HEA Hose, 515 HEA Tip, Control Pro 170 Unit, Instruction Guide, Metal HEA Gun
UPC	024964251056

7. WARRANTY AND SUPPORT

Warranty Information:

The Wagner Control Pro 170 features a long-lasting HEA pump with easy-to-replace inlet and outlet valves, designed to maximize sprayer life. It is backed by a robust warranty. For specific warranty terms and conditions, please refer to your product's official documentation.

Customer Support:

Wagner U.S. is based in Minneapolis, Minnesota, and their team is available to provide assistance. You can access additional information, how-to videos, project ideas, and customer service details through the Wagner+ app by scanning the QR code on your product or visiting the official Wagner website.