

[Manuals.plus](#) /

› [Wagner](#) /

› Wagner Spraytech FLEXiO 5000 HVLP Paint Sprayer Instruction Manual

Wagner FLEXiO 5000

Wagner Spraytech FLEXiO 5000 HVLP Paint Sprayer Instruction Manual

Model: FLEXiO 5000 | Brand: Wagner Spraytech

1. INTRODUCTION

The Wagner FLEXiO 5000 is a versatile High Volume Low Pressure (HVLP) paint sprayer designed for a wide range of indoor and outdoor painting projects. This system is engineered to provide efficient application of various coatings, including most unthinned latex paints, with reduced overspray and user fatigue. It features a stationary turbine unit and two interchangeable nozzles for different project types.



Image 1: Overview of the Wagner FLEXiO 5000 HVLP Paint Sprayer, showing the power box, hose, and two spray guns.

2. SAFETY INFORMATION

WARNING: Read and understand all safety warnings and instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Flammable Materials:** Keep away from heat and open flames. Do not use with flammable materials.
- **Personal Protection:** Avoid contact with skin and eyes. In case of contact, rinse immediately with plenty of water and seek medical advice. Always wear appropriate personal protective equipment, including eye protection, gloves, and a respirator, especially when spraying paints or chemicals.
- **Ventilation:** Use only in well-ventilated areas. Ensure adequate airflow to prevent the buildup of hazardous fumes.
- **Electrical Safety:** Do not spray near electrical equipment. Ensure the power cord is in good condition and avoid using in wet conditions.
- **Children and Pets:** Keep out of reach of children and pets.
- **Disposal:** Dispose of contents and containers in accordance with local, state, and federal regulations.

3. PRODUCT OVERVIEW AND COMPONENTS

The FLEXiO 5000 system includes a stationary X-Boost Power Box, an 11.5-foot hose, and two distinct spray nozzles for varied applications.

Components Included:

- FLEXiO 5000 X-Boost Power Box (Turbine Unit)
- iSpray Nozzle (for broad surface coverage)
- Detail Finish Nozzle (for fine finishing projects)
- 11.5-foot Air Hose
- Spray Gun Handle with Integrated Power Dial
- Cleaning Kit
- Instruction Guide

INCLUDES 2 SPRAY NOZZLES & PROTECTIVE CARRYING CASE

- 1 iSpray® Nozzle**
For decks, walls,
fences
- 2 Detail Finish
Nozzle**
For cabinets, trim,
furniture



Equipment all fits
neatly in the base



Image 2: The FLEXiO 5000 includes two spray nozzles: the iSpray nozzle for large areas and the Detail Finish nozzle for precision work. All components fit neatly into the base for storage.

4. SETUP

1. **Prepare Work Area:** Ensure the work area is clean, well-ventilated, and adequately protected from overspray using drop cloths or masking tape.
2. **Connect Hose:** Connect the 11.5-foot air hose to the X-Boost Power Box and the spray gun handle. Ensure connections are secure.
3. **Select Nozzle:** Choose either the iSpray Nozzle for larger surfaces or the Detail Finish Nozzle for smaller, more intricate work. Attach the selected nozzle to the spray gun handle.
4. **Prepare Material:** Fill the material cup with your chosen paint or stain. The FLEXiO 5000 is designed to spray most unthinned materials directly from the can. However, for optimal results, especially with thicker coatings, a small amount of thinning (up to 10%) may be beneficial. Always strain your paint to prevent clogs.
5. **Attach Material Cup:** Securely attach the filled material cup to the spray gun assembly.



Image 3: A user demonstrating the portable nature of the FLEXiO 5000, with the power box on the floor and the lightweight spray gun in hand, ideal for painting interior walls.

5. OPERATING INSTRUCTIONS

5.1 Adjusting the Sprayer

The FLEXiO 5000 offers complete adjustability to suit various project needs and materials.

- **X-Boost Power Dial:** Located on the gun handle, this dial adjusts the air pressure level. Turn it to increase or decrease power based on material thickness and desired finish.
- **Material Flow Control:** Adjust this knob to control the amount of paint flow. Increase for faster coverage, decrease for finer control and less material.
- **Adjustable Pattern Width:** Rotate the air cap ears to change the spray pattern from horizontal to vertical, or use the round pattern for small areas.

COMPLETE ADJUSTABILITY

FOR ALL YOUR PROJECT NEEDS



Adjustable Pattern Width



Material Flow Control



Variable Air Flow Control



Horizontal and Vertical
Spray Pattern

Image 4: Adjustable Pattern Width control.



Image 5: Material Flow Control dial.

5.2 Spraying Technique

- **Practice:** Always practice on a scrap piece of material to get a feel for the sprayer and to fine-tune your settings before applying to your actual project.
- **Distance:** Maintain a consistent distance (typically 6-10 inches) 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.
- **Coats:** Apply multiple thin coats rather than one thick coat to avoid runs and drips, allowing adequate drying time between coats.



Image 6: A user applying stain to wooden doors, demonstrating the versatility of the sprayer for various finishes and projects.



Image 7: The FLEXiO 5000 being used to paint an outdoor patio table, highlighting its suitability for exterior projects.

6. MAINTENANCE AND CLEANING

Proper cleaning after each use is crucial for maintaining the performance and longevity of your sprayer. The Lock-n-Go split gun design facilitates quick and easy cleaning.

1. **Disconnect Power:** Always unplug the sprayer from the power source before cleaning.
2. **Empty Material Cup:** Pour any remaining material back into its original container.
3. **Disassemble:** Separate the spray gun from the handle and disassemble the nozzle components (air cap, fluid nozzle, etc.).
4. **Clean Components:** Wash all parts that came into contact with paint using warm soapy water for water-based materials, or appropriate solvent for oil-based materials. Use the provided cleaning brushes to thoroughly clean all passages and orifices.
5. **Rinse:** Rinse all components thoroughly with clean water or solvent until all paint residue is removed.

6. **Dry and Reassemble:** Allow all parts to dry completely before reassembling. Store the sprayer in its protective carrying case.

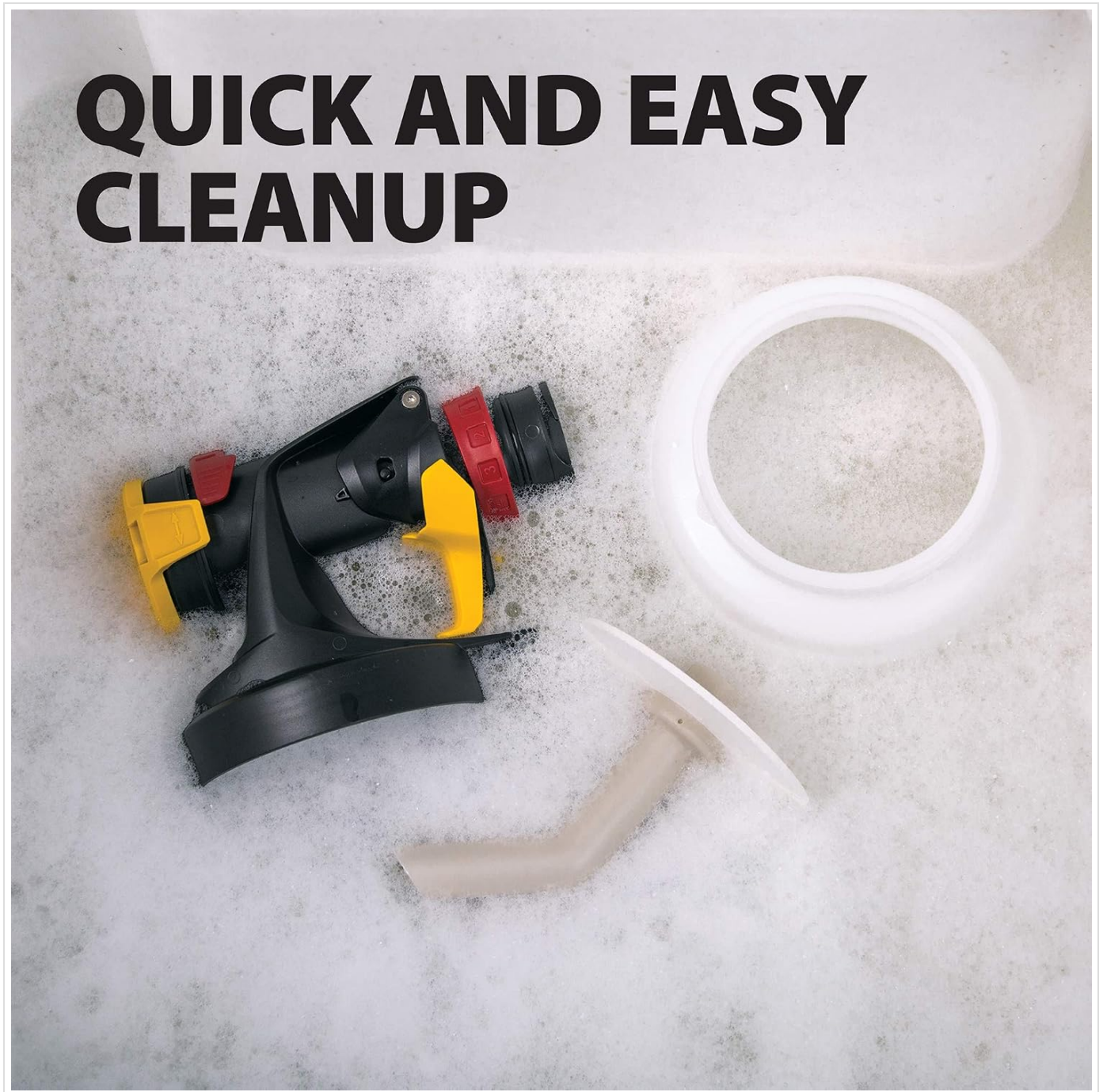


Image 8: Spray gun components being cleaned in soapy water, illustrating the ease of maintenance.



Image 9: The FLEXiO 5000 system neatly stored within its integrated carrying case, ready for transport or storage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No spray or weak spray	Clogged nozzle, insufficient material, low air pressure, material too thick.	Clean nozzle, refill cup, increase X-Boost power, thin material if necessary.
Uneven spray pattern or spitting	Partially clogged nozzle, damaged air cap, incorrect air cap orientation, material drying on tip.	Thoroughly clean nozzle and air cap, ensure air cap is correctly aligned, wipe tip frequently during use.
Runs or drips	Too much material flow, spraying too close, moving too slowly.	Reduce material flow, increase spraying distance, move faster, apply thinner coats.

Problem	Possible Cause	Solution
Excessive overspray	Too much air pressure, spraying too far from surface.	Reduce X-Boost power, spray closer to the surface.
Motor not starting	No power, faulty connection.	Check power outlet, ensure all connections are secure.

8. SPECIFICATIONS

Feature	Detail
Brand	Wagner
Model Name	FLEXiO 5000 Paint Sprayer
Part Number	0529091
Power Source	AC/DC
Tank Volume	40 Fluid Ounces
Hose Length	11.5 Feet
Item Weight	14.6 Pounds
Product Dimensions	16.65"W x 14"H
Material	Plastic
Special Features	High Volume, Low Pressure, Portable
UPC	024964272501

9. WARRANTY INFORMATION

The Wagner FLEXiO 5000 HVLP Paint Sprayer comes with a **1 Year Limited Manufacturer Warranty**. Please refer to the official Wagner website or your product registration for full terms and conditions regarding warranty claims and coverage.

10. SUPPORT AND RESOURCES

For additional support, how-to videos, project ideas, and customer service information, Wagner provides access to **Wagner+**. You can typically find a QR code on your product packaging or within the included documentation to gain instant digital access to product registration, extended warranties, and more.



support + videos + tips + project ideas

always there when you need help

FREE
with the purchase
of this product.

Providing you digital
access to support, tools
and resources for your
Wagner products wherever
and whenever you need it.



Image 10: Access support, videos, tips, and project ideas through the Wagner+ digital platform.

Wagner U.S. is based in Minneapolis, Minnesota, and their team is available to provide assistance with any questions or concerns you may have.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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