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Graco 17G177

Graco Magnum ProX17 Stand Paint Sprayer User Manual

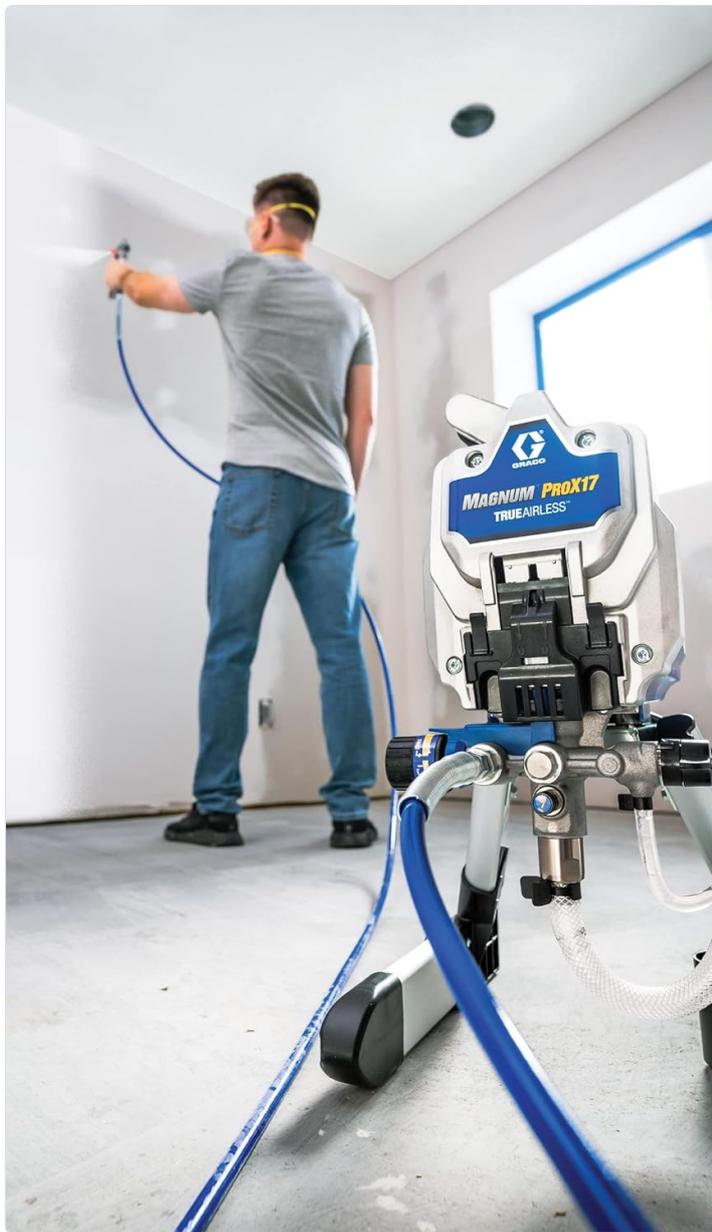
MODEL: 17G177

Brand: Graco

1. INTRODUCTION AND OVERVIEW

The Graco Magnum ProX17 Stand Paint Sprayer is designed for property maintenance professionals, remodelers, and general contractors. This airless sprayer offers adjustable pressure for ultimate control of paint flow, allowing you to spray unthinned paint at high pressure thanks to its ProX Stainless Steel Piston Pump. It supports spraying directly from 1 or 5-gallon paint buckets using a flexible suction tube and is recommended for annual use up to 300 gallons. Its design prioritizes fast and easy cleanup with a PowerFlush Adapter.

The ProX17 is part of the Graco Pro Series, built for heavy-duty projects and frequent use, offering enhanced power and performance for various applications including interior and exterior painting, furniture, cabinets, doors, trim, and large remodels.



PRO SERIES



The Graco Magnum ProX17 provides efficient coverage for interior painting projects.

2. SAFETY INFORMATION

Always wear appropriate safety gear, including eye and ear protection, when operating this sprayer. Never point the spray nozzle at people or animals. Keep the sprayer clean and free of debris to prevent clogs and ensure safe operation. Always follow the manufacturer's guidelines for proper handling, usage, maintenance, and disposal of the sprayer and its contents. Never operate the sprayer with damaged or worn parts. Always unplug the sprayer and release any remaining pressure before cleaning or storing.

3. SETUP

Proper assembly is crucial for optimal performance and safety. Ensure all components are securely connected before operation.



Connect the suction tube and drain tube to the sprayer, ensuring they are properly immersed in the paint bucket.

- **Connect Hoses:** Attach the high-pressure hose to the fluid outlet on the sprayer and then to the spray gun. Ensure all connections are tightened securely with wrenches.
- **Install Suction Tube:** Insert the flexible suction tube into your paint container (1 or 5-gallon bucket). Ensure the inlet strainer is fully submerged in the paint.
- **Pressure Control:** Set the pressure control knob to the lowest setting before starting.
- **Power Connection:** Plug the sprayer into a grounded electrical outlet.



LONGEST LASTING POWER AND PERFORMANCE

WITH STAINLESS STEEL PISTON PUMP

The flexible suction tube allows direct spraying from paint containers, minimizing mess.

Setup Video: Quick Assembly

Your browser does not support the video tag. Please download the video to view it.

This video demonstrates the quick assembly process for the Graco Magnum sprayer, guiding you through connecting the necessary components to prepare for painting.

4. OPERATING INSTRUCTIONS

The ProX17 offers fully adjustable pressure for precise control over your paint flow, suitable for various project sizes and materials.

- **Priming the Pump:** Turn the prime/spray valve to the 'Prime' position. Turn the power switch ON. The pump will run until it builds pressure. Once primed, turn the prime/spray valve to the 'Spray' position.
- **Adjusting Pressure:** Use the pressure control knob to adjust the spray pressure. Start with a lower setting and gradually increase until you achieve the desired spray pattern without tails.
- **Spraying Technique:** Maintain a consistent distance from the surface and use smooth, overlapping passes for even coverage. The SG3 Metal Spray Gun with its built-in swivel provides enhanced control.



Achieve fast, one-pass smooth coverage on interior walls with the ProX17.



The sprayer is versatile for various outdoor projects like staining fences.

Operation Video: Magnum ProX17 Overview

Your browser does not support the video tag. Please download the video to view it.

This video provides a general overview of the Graco Magnum ProX17, highlighting its features and operational benefits for various painting tasks.

5. MAINTENANCE

Regular cleaning and maintenance are essential to prolong the life of your sprayer and ensure consistent performance. The PowerFlush Adapter makes cleanup fast and easy.

- **Immediate Cleanup:** After each use, especially with water-based materials, clean the sprayer thoroughly. The PowerFlush Adapter connects to a garden hose for quick flushing of the system.
- **Clean Filters:** Regularly inspect and clean the inlet strainer, gun filter, and manifold filter to prevent clogs and maintain proper flow.
- **Pump Care:** Use Pump Armor storage fluid when storing the sprayer for extended periods to protect the pump from corrosion.



CONNECT TO A HOSE FOR FAST AND EASY CLEAN-UP

WITH POWERFLUSH®

Connect a garden hose to the PowerFlush adapter for fast and easy cleaning of the sprayer.

Maintenance Video: Quick Clean Up

Your browser does not support the video tag. Please download the video to view it.

This video demonstrates the quick and easy cleanup process for the Graco Magnum sprayer, focusing on flushing the system after use.

Maintenance Video: Straining Your Paint

Your browser does not support the video tag. Please download the video to view it.

Learn the importance of straining your paint to prevent clogs and ensure smooth operation of your Graco Magnum sprayer.

6. TROUBLESHOOTING

If you encounter issues with your sprayer, consult the following common troubleshooting tips. For more detailed guidance, refer to your owner's manual.

- **Sprayer Not Running:** Check power connection, ensure the power switch is ON, and verify the pressure control knob is not set to minimum.
- **Trigger Cannot Be Squeezed:** Ensure the gun trigger lock is disengaged.
- **Pump Not Priming:** Check if the prime/spray valve is in the 'Prime' position. Inspect the inlet strainer for clogs and ensure the suction tube is fully immersed in paint. For models with a push-prime feature, press the button twice to dislodge the inlet ball.
- **Sprayer Suddenly Stops:** This often indicates a clogged spray tip. Rotate the spray tip to the unclog position and trigger the gun to clear the obstruction.
- **Not Enough Pressure / Paint Dribbling:** Check if the pressure is set too low. Inspect the spray tip, gun filter, and manifold filter for clogs. Ensure the spray tip size is appropriate for the material and not worn.



TRUEAIRLESS® SPRAY TIP SELECTION GUIDE

APPROVED SPRAY TIPS FOR: MAGNUM® PROX17*

MATERIAL	SPRAY WIDTH			
	4 in	6 in	8 in	10 in
Stain & Sealer	TRU209	TRU309		
	TRU211	TRU311	TRU411	
Semi-Transparent Stain	TRU211	TRU311	TRU411	
		TRU313	TRU413	
Solid Stain	TRU211	TRU311	TRU411	
		TRU313	TRU413	
Interior Paint/ Primer		TRU315	TRU415	TRU515
			TRU417	TRU517
Exterior Paint/ Primer		TRU315	TRU415	TRU515
			TRU417	TRU517

Confirm recommended tip size with material manufacturer

Understanding Flow & Speed

When determining the right tip for your project and coating, remember that larger tip openings (last two digits) will result in greater material flow – allowing you to spray faster. For greater control, choose smaller tip openings.

TRUEAIRLESS Tip Sizes

TRU211	TRU315			
TRU209	TRU311	TRU313	TRU415	TRU417
TRU309	TRU411	TRU413	TRU515	TRU517



*All Magnum Paint Sprayers ship with TRU515 Spray Tip

Understanding Tip Size

- TRU515**
- **The first digit represents the spray width**
 - Double this number to get the actual spray width in inches
 - In this example, this is a 10 inch spray width
 - **The last two digits are the size of the tip opening (in thousands of an inch)**
 - Smaller numbers mean a smaller tip opening size
 - Use smaller tip openings for thinner materials such as sealers or stains

Refer to the spray tip selection guide to ensure you are using the correct tip for your material and desired spray width.

Troubleshooting Video: Basic Troubleshooting

Your browser does not support the video tag. Please download the video to view it.

This video provides basic troubleshooting steps for common issues encountered with Graco airless sprayers, including pump operation, trigger function, and pressure problems.

7. SPECIFICATIONS

Feature	Specification
Brand	Graco
Model Name	17G177
Item Weight	32 Pounds
Product Dimensions	13.2"W x 21.1"H
Power Source	Corded Electric
Voltage	110 Volts
Material	Stainless Steel
Maximum Pressure	3000 Pound per Square Inch
Hose Length	50 ft. (1800 Inches) Duraflex paint hose
Included Components	SG3 Metal Spray Gun with built-in swivel, RAC IV 515 SwitchTip, 50 ft. Duraflex paint hose, Pump Armor storage fluid, PowerFlush adapter, Quick Start-Up Guide and Operation Manual

8. WARRANTY

The Graco 17G177 Magnum ProX17 Stand Paint Sprayer comes with a one-year warranty against manufacturer defects.

9. SUPPORT

For further assistance or detailed troubleshooting not covered in this manual, please contact Graco technical assistance representatives.

Customer Support: 1-888-541-9788