

## Graco Ultra XT 490

# Graco Ultra XT 490 Hi-Boy Electric Airless Sprayer Instruction Manual

Model: Ultra XT 490 | Brand: Graco

## 1. INTRODUCTION

This instruction manual provides comprehensive guidance for the safe and efficient operation, setup, maintenance, and troubleshooting of your Graco Ultra XT 490 Hi-Boy Electric Airless Sprayer. Please read this manual thoroughly before operating the equipment to ensure proper use and to prevent injury or damage. The Graco Ultra XT 490 Hi-Boy is designed for professional painting applications, featuring advanced technologies for enhanced performance and durability. Key features include:

- **Xtreme Torque Motor Technology:** Provides powerful and consistent performance.
- **RapidResponse Control:** Ensures quick and precise pressure adjustments.
- **Selectable Performance Modes:** Allows optimization for various materials and applications.
- **Easy-to-Read LED Digital Display:** Offers clear visibility of operational settings.
- **Endurance Vortex Piston Pump with ProConnect:** Delivers extended pump life and easy on-the-job pump replacement.
- **TurboClean Cleaning System:** Facilitates fast and thorough cleaning.



Figure 1: Graco Ultra XT 490 Hi-Boy Electric Airless Sprayer, showing the main unit, hose, and Contractor PC Gun.

## 2. SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of injury or property damage. Failure to follow these instructions can result in serious injury or death.

- Read all instructions before operating the equipment.
- Wear appropriate personal protective equipment (PPE), including eye protection, gloves, and a respirator.
- Ensure the work area is well-ventilated and free from ignition sources.

- Never point the spray gun at yourself or others. High-pressure fluid can cause serious injury.
- Always relieve pressure before cleaning, servicing, or removing any parts.
- Use only Graco-approved replacement parts and accessories.
- Keep children and pets away from the equipment during operation.
- Do not operate the sprayer if any part is damaged or malfunctioning.
- Connect the sprayer to a properly grounded electrical outlet.

### 3. PACKAGE CONTENTS

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Verify that all components are present in the package before beginning setup:

- Graco Ultra XT 490 Hi-Boy Electric Airless Sprayer Unit
- Contractor PC Gun
- High-Pressure Hose
- RAC X LP 517 SwitchTip
- Instruction Manual (this document)

### 4. SETUP

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Follow these steps for initial setup of your Graco Ultra XT 490 Hi-Boy sprayer:

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Positioning the Sprayer:** Place the sprayer on a stable, level surface in a well-ventilated area. Ensure adequate space for operation and movement.
3. **Connecting the Hose:**
  - Connect one end of the high-pressure hose to the fluid outlet on the sprayer. Tighten securely with a wrench.
  - Connect the other end of the high-pressure hose to the inlet of the Contractor PC Gun. Tighten securely.
4. **Installing the Spray Tip:**
  - Ensure the spray gun trigger guard is engaged.
  - Insert the RAC X LP 517 SwitchTip into the tip guard on the Contractor PC Gun.
  - Rotate the tip 180 degrees to the spray position.
5. **Power Connection:** Connect the sprayer's power cord to a grounded 120V AC electrical outlet.





Figure 2: Front view of the Graco Ultra XT 490 Hi-Boy sprayer, illustrating the main unit and cart assembly.

## 5. OPERATING INSTRUCTIONS

This section outlines the general operating procedures for the Graco Ultra XT 490 Hi-Boy sprayer. Always refer to the specific instructions for your chosen coating material.

### **1. Priming the Sprayer:**

- Place the suction tube into the paint container and the drain tube into a waste bucket.
- Turn the prime valve to the "Prime" position.
- Turn on the sprayer. The pump will begin to draw material.
- Once material flows smoothly from the drain tube, turn off the sprayer.
- Turn the prime valve to the "Spray" position.

### **2. Adjusting Pressure:**

- Turn on the sprayer.
- Use the RapidResponse Control and Easy-to-Read LED Digital Display to set the desired pressure. Start with a lower pressure and gradually increase until a consistent spray pattern is achieved.
- Select the appropriate performance mode for your material and application using the selectable performance modes feature.

### **3. Spraying Technique:**

- Hold the Contractor PC Gun perpendicular to the surface, maintaining a consistent distance.
- Begin moving your arm before pulling the trigger and release the trigger before stopping your arm movement.
- Overlap each pass by approximately 50% to ensure even coverage.

### **4. Shutting Down:**

- Turn off the sprayer.
- Engage the trigger guard on the spray gun.
- Relieve pressure by turning the prime valve to the "Prime" position and holding the gun over a waste bucket until pressure is released.





Figure 3: Side view of the Graco Ultra XT 490 Hi-Boy sprayer, highlighting the motor and pump assembly.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Graco Ultra XT 490 Hi-Boy sprayer.

### 1. Cleaning After Each Use:

- Utilize the TurboClean Cleaning System for quick and efficient flushing of the system.
- Flush the sprayer with an appropriate cleaning solution (water for latex, mineral spirits for oil-based paints) until the fluid runs clear.
- Clean the spray gun, tip, and filter thoroughly.

### 2. Pump Maintenance:

- The Endurance Vortex Piston Pump with ProConnect allows for easy on-the-job pump replacement. Refer to the ProConnect instructions for detailed replacement procedures if necessary.
- Regularly check the pump for wear and tear.

### 3. Storage:

- Store the sprayer in a clean, dry, and frost-free environment.
- Always relieve pressure before storing.
- For long-term storage, circulate pump protector fluid through the system.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Graco Ultra XT 490 Hi-Boy sprayer. For more complex problems, contact Graco customer support.

Problem	Possible Cause	Solution
No spray or weak spray	Clogged tip, low pressure setting, air in system, worn pump.	Clean or replace tip, increase pressure, prime system, inspect pump.
Pulsating spray	Air leak in suction hose, clogged filter, worn packings.	Check hose connections, clean filters, replace packings.
Motor runs but no pressure	Prime valve in wrong position, clogged inlet strainer, dry pump.	Ensure prime valve is in "Spray", clean strainer, prime pump.

## 8. SPECIFICATIONS

Feature	Detail
Brand	Graco
Model Name	Ultra XT 490
Item Model Number	19D521



Feature	Detail
Power Source	Electric 120V
Maximum Pressure	3300 PSI (Pound per Square Inch)
Recommended Uses	Painting
Material	Plastic (housing components)
Style	Cart-mounted, Hi-Boy
Item Weight	78 Pounds
Package Dimensions	33 x 25.5 x 22 inches
UPC	769946346305

## 9. WARRANTY AND SUPPORT

Graco products are manufactured to high-quality standards. For specific warranty information, please refer to the warranty card included with your product or visit the official Graco website. For technical support, replacement parts, or service inquiries, please contact Graco customer service directly. You can find more information and support resources on the [Graco Brand Store](#).

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### Related Documents - Ultra XT 490

	<p><a href="#">Graco Ultra Max 795 Airless Paint Sprayer: Instructions and Parts List</a></p> <p>Comprehensive instructions, parts list, troubleshooting guide, and repair procedures for the Graco Ultra Max 795 Airless Paint Sprayer (Models 232140, 232141). Covers setup, operation, maintenance, and component replacement.</p>
	<p><a href="#">Graco Электрические безвоздушные распылители: Руководство по эксплуатации и деталям</a></p> <p>Подробное руководство по эксплуатации электрических безвоздушных распылителей Graco, охватывающее безопасность, идентификацию компонентов, техническое обслуживание и устранение неисправностей для моделей 190/290/390 PC.</p>







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