

## Graco Ultra Max II 495 PC Pro

# Graco Ultra Max II 495 PC Pro Electric Airless Paint Sprayer (Model 17E857) Instruction Manual

Comprehensive guide for setup, operation, and maintenance.

## 1. IMPORTANT SAFETY INFORMATION

**WARNING:** Failure to follow these safety instructions could result in serious injury or death. Always read and understand the full manual before operating the sprayer.

- Ensure proper electrical grounding.
- Avoid contact with pressurized liquids.
- Use appropriate personal protective equipment (PPE) when handling chemicals, including eye protection, gloves, and respiratory protection.
- Maintain the device as instructed to prevent mechanical failure or injury.
- Never point the spray gun at yourself or others.
- Always relieve pressure before cleaning, servicing, or storing the unit.

## 2. PRODUCT OVERVIEW

The Graco Ultra Max II 495 PC Pro is a professional-grade electric airless paint sprayer designed for high-performance painting applications. This Hi-Boy model offers enhanced portability and stability for various job sites.



Figure 1: Graco Ultra Max II 495 PC Pro Electric Airless Paint Sprayer. This image shows the complete sprayer unit, including the main pump, motor, hose, and spray gun, set up for operation.

## Key Features:

- **SmartControl 3.0:** Monitors performance, adjusts motor speed, measures sprayer gallons, hours, and pressure, and provides diagnostic support.
- **BlueLink Job and Sprayer Management System:** Enables tracking of sprayer usage, job progress, and maximizes uptime.
- **MaxPower Brushless DC Motor:** Delivers high torque and maintenance-free performance.
- **FastFlush High-Flow Cleaning System:** Allows for 4X faster cleaning with half the water.
- **Hi-Boy Design:** Provides easy transport and stability with a kickstand for convenient bucket changes.

## 3. SETUP AND ASSEMBLY

Before operating your Graco Ultra Max II 495 PC Pro, ensure all components are correctly assembled and connected.

### 3.1 Unpacking and Inspection

- Carefully remove all components from the packaging.
- Inspect for any shipping damage. Contact your dealer immediately if damage is found.
- Verify all parts listed in the packing list are present.

### 3.2 Assembly (Hi-Boy Model)

1. Attach the handle to the main unit using the provided hardware.
2. Secure the hose and spray gun to the designated connections. Ensure all connections are tight to prevent leaks.
3. Position the unit on a stable, level surface. The Hi-Boy design includes a kickstand for stability during bucket changes.

### 3.3 Connecting Power

- Connect the power cord to a properly grounded electrical outlet. Refer to local electrical codes for requirements.
- Ensure the power switch on the sprayer is in the "OFF" position before connecting to power.

### 3.4 Priming the Sprayer

1. Place the suction tube into the paint container.
2. Turn the prime valve to the "PRIME" position.
3. Turn on the sprayer. Allow the unit to run until paint flows smoothly from the prime hose, indicating air has been purged from the system.
4. Turn off the sprayer and return the prime valve to the "SPRAY" position.

## 4. OPERATING INSTRUCTIONS

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Proper operation ensures efficient and consistent paint application.

### 4.1 SmartControl 3.0 System

The SmartControl 3.0 system continuously monitors the sprayer's performance and adjusts the motor speed to match your spraying needs. This ensures a consistent spray pattern and finish. The display provides real-time information on:

- Sprayer gallons used
- Operating hours
- Current pressure settings
- Diagnostic support messages

### 4.2 BlueLink Job and Sprayer Management System

Utilize the BlueLink system to track your sprayer's activity and manage job progress. This feature helps maximize uptime by providing insights into usage and maintenance schedules.

### 4.3 Spraying Technique

1. Hold the spray gun perpendicular to the surface, maintaining a consistent distance (typically 10-12 inches).
2. Begin moving your arm before pulling the trigger and release the trigger before stopping your arm movement.
3. Overlap each pass by approximately 50% to ensure even coverage.

4. Adjust pressure settings on the SmartControl 3.0 as needed for different materials and desired finishes.

## 5. MAINTENANCE AND CLEANING

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Regular maintenance and thorough cleaning are essential for extending the life of your Graco Ultra Max II 495 PC Pro and ensuring optimal performance.

### 5.1 FastFlush High-Flow Cleaning System

The FastFlush system allows for quick and efficient cleaning. Follow these steps:

1. Relieve pressure from the system.
2. Remove the suction tube from the paint and place it into a bucket of appropriate cleaning solution (water for latex, mineral spirits for oil-based paints).
3. Turn the prime valve to the "CLEAN" or "FLUSH" position (refer to specific model instructions for exact valve position).
4. Turn on the sprayer and allow the cleaning solution to circulate until it runs clear from the prime hose and spray gun.
5. Turn off the sprayer and relieve pressure.
6. Remove and clean the spray tip and guard separately.

### 5.2 General Maintenance

- Inspect hoses and connections regularly for wear or damage. Replace as needed.
- Check the spray tip for wear. A worn tip will result in a poor spray pattern and increased material consumption.
- The MaxPower Brushless DC Motor is designed for maintenance-free performance, but ensure it remains free of debris.
- Store the sprayer in a clean, dry environment, protected from freezing temperatures.

## 6. TROUBLESHOOTING

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This section provides solutions to common issues you may encounter during operation. For more complex problems, consult the full Graco service manual or contact customer support.

Problem	Possible Cause	Solution
No spray or low pressure	Clogged tip, clogged filter, air in system, worn pump packings.	Clean tip/filters, re-prime unit, inspect/replace packings.
Pulsating spray	Air in system, loose suction tube, worn inlet valve.	Re-prime, tighten connections, inspect/replace inlet valve.
Poor spray pattern (tails)	Worn spray tip, incorrect pressure setting, material too thick.	Replace tip, adjust pressure, thin material if necessary (follow paint manufacturer guidelines).
Motor runs but no pressure builds	Inlet valve stuck open, prime valve in wrong position.	Clean/free inlet valve, ensure prime valve is in "SPRAY" position.

The SmartControl 3.0 display may also provide specific diagnostic codes or messages to assist in troubleshooting.

## 7. SPECIFICATIONS

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Feature	Detail
Brand	Graco
Model Name	Ultra Max II
Model Number	17E857 (ULTRA MAX II-495 PC PRO)
Power Source	Electric
Recommended Uses	Painting
Material	Stainless Steel
Color	Blue
Item Weight	83.8 pounds
Package Dimensions	32.5 x 24.5 x 22 inches
Special Features	Airless
Batteries Included	No
Batteries Required	No
Manufacturer	GRACO
UPC	755652818694

## 8. WARRANTY AND CUSTOMER SUPPORT

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For detailed warranty information, please refer to the documentation included with your product or visit the official Graco website. Graco provides comprehensive customer support for all its products.

If you require assistance with setup, operation, maintenance, or troubleshooting beyond the scope of this manual, please contact Graco Customer Support directly. Contact information can typically be found on the product packaging or the manufacturer's website.