

Model: RP8622 | 3000 PSI | 780W

## Overview

The NEU MASTER Airless Paint Sprayer is a high-pressure electric paint sprayer designed for applying paint to large areas such as house interiors and exteriors, cabinets, furniture, and trim. It operates without the need for compressed air, using a 780W motor to pressurize paint up to 3000 PSI.



The sprayer draws paint directly from a paint bucket, allowing for continuous operation without refilling a small cup. It is designed to handle thicker paints without thinning, making it suitable for a variety of materials including latex paints, wood preservatives, and stains.

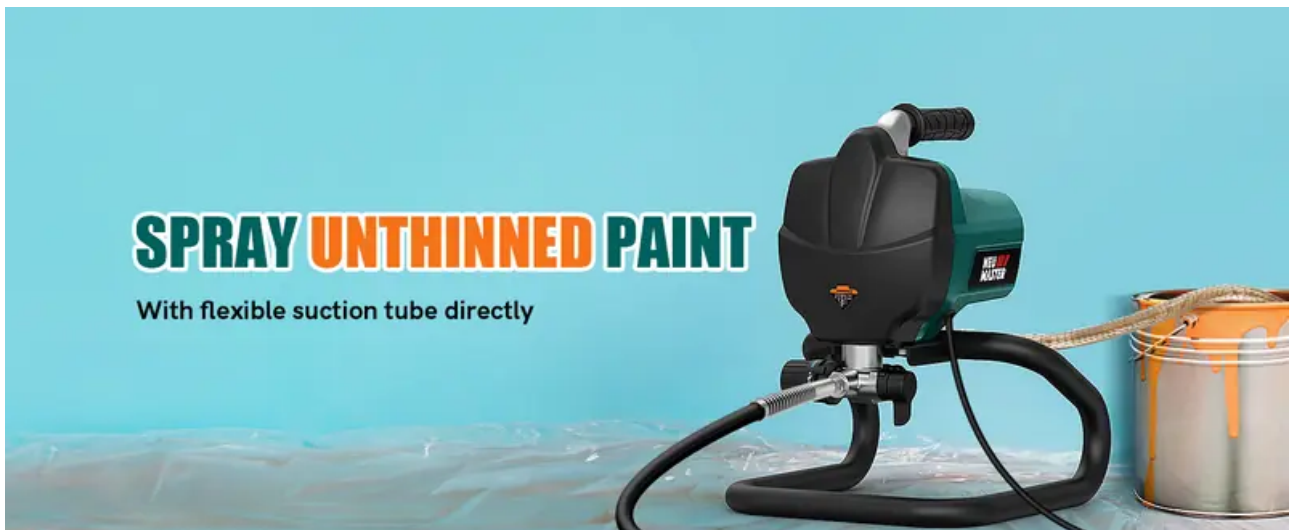
## Key Specifications:

- **Motor Output:** 780W
- **Maximum Pressure:** 3000 PSI
- **Max Delivery Rate:** 1.2 L/min
- **Spray Tip Size:** 0.43mm (0.017")
- **Paint Hose Length:** 25 ft (7.6 m)
- **Voltage:** 230 V / 50 Hz
- **Net Weight:** 19.4 lbs (8.8 kg)
- **Dimensions (W x H):** 28 x 38 cm
- **Material:** Polypropylene (PP)

## Features

### Thinning-Free Application

The airless pump can spray unthinned paint directly from the bucket. The high pressure (up to 3000 PSI) atomizes thick paints, including latex and wall paints, without the need for thinning.



### Adjustable Pressure Control

The sprayer features an adjustable pressure control, allowing you to set the pressure from 500 to 3000 PSI. This lets you adapt the spray pattern and flow rate to the specific paint viscosity and project requirements.



### Professional Spray Tip

The unit is equipped with a professional-grade spray tip (0.017") designed to produce a smooth, even spray pattern with minimal overspray. This reduces material waste and provides a finish without brush marks or roller stipples.



### Ergonomic Design

The spray gun is designed for comfortable use, with an ergonomic handle that reduces fatigue during extended painting sessions. The unit is also portable and easy to carry.



## Easy Cleanup

Clean the sprayer immediately after each use to prevent paint from drying inside the system. The unit includes a cleaning brush and cleaning needle for this purpose.



## What's in the Box

- 1 x 3000 PSI Airless Paint Sprayer with 25 ft Hose
- 1 x Aluminum Alloy Spray Tip
- 1 x Hexagonal Wrench
- 1 x Cleaning Brush
- 1 x Cleaning Needle
- 1 x Manual Instruction

# Use Guide

## Preparation

1. **Safety First:** Always wear appropriate safety gear, including eye protection and gloves. Keep the sprayer away from heat sources and open flames. Never point the sprayer at people or animals.
2. **Stir and Strain Paint:** Always stir and strain paints before use to remove any impurities that could clog the system.
3. **Connect the Hose:** Use the provided hexagonal wrench to tighten the hose connection to the machine extremely to avoid leakage.
4. **Prime the Pump:** Place the suction tube into the paint bucket. Turn on the unit and allow paint to flow through the hose until it reaches the spray gun.

## Adjusting Pressure

Adjust the pressure control knob to set the desired pressure. Start with a lower pressure and increase as needed. The correct pressure will produce a smooth, even spray pattern without excessive overspray.

- If the spray pattern is too thin or has tails, increase the pressure.
- If there is excessive overspray, reduce the pressure.
- Always test spray on a piece of cardboard or scrap material before starting your project.

## Spraying Technique

1. **Distance:** Hold the spray gun perpendicular to the surface at a distance of approximately 1 foot (30 cm).
2. **Speed:** Move the gun at a steady, even speed. Moving too fast will result in a thin coat; moving too slow will cause runs and sags.
3. **Overlap:** Overlap each pass by about 50% to ensure even coverage.
4. **Triggering:** Always start moving the gun before pulling the trigger, and release the trigger before stopping the motion. This prevents paint buildup at the start and end of each pass.

## Application Examples

The sprayer is suitable for a wide range of projects:

- **Outdoor Projects:** Fences, garages, exterior walls.
- **Homeowner Projects:** Interior walls, ceilings.
- **DIY Projects:** Furniture, cabinets, decks.

- **Pro Projects:** Large-scale painting tasks.



Fence



Garage



Interior Walls



House



Furniture



Cabinets



## Cleaning

Clean the sprayer thoroughly after each use. Dried paint will clog the system and damage the unit.

1. Remove the suction tube from the paint bucket and place it in a bucket of clean water (or appropriate solvent for oil-based paints).
2. Run the sprayer until clean water comes out of the gun.
3. Remove the spray tip and clean it with the provided cleaning needle and brush.
4. Wipe down the exterior of the unit.
5. Store the sprayer in a safe, dry location.

## Troubleshooting

### Common Issues and Solutions

- **No paint flow:** Check that the suction tube is submerged in paint. Ensure the hose is not kinked. Check for clogs in the tip or filter.
- **Uneven spray pattern:** Adjust the pressure. Clean the spray tip. Ensure the paint is properly mixed and strained.
- **Excessive overspray:** Reduce the pressure. Move the gun closer to the surface (but maintain at least 30 cm distance).
- **Leaks:** Tighten all connections with the provided wrench. Check for damaged O-rings or seals.
- **Motor runs but no paint:** The pump may need to be primed. Check for air in the system.

## Important Information

### Safety Information

Always wear appropriate safety gear, including eye protection and gloves, when using the paint sprayer. Keep the sprayer away from heat sources and open flames. Never point the sprayer at people or animals. Always follow the manufacturer's instructions for proper use, maintenance, and disposal. Keep the sprayer clean and free of paint residue to prevent clogging and potential hazards. Always store the sprayer in a safe and secure location when not in use.

#### Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

---

Document generated by [ManualsFile](#)

