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### Central Pneumatic 4333081149

# Central Pneumatic 32 oz. Heavy Duty Multi-Purpose Paint Spray Gun Instruction Manual

Model: 4333081149

## 1. Introduction

This manual provides essential instructions for the safe operation, maintenance, and troubleshooting of your Central Pneumatic 32 oz. Heavy Duty Multi-Purpose Paint Spray Gun, Model 4333081149. This spray gun is designed for automotive and industrial applications, offering efficient paint application with its 1.8 mm tip and one-quart aluminum dripless cup.

## 2. Safety Information

Always prioritize safety when operating power tools. Read and understand all safety warnings and instructions before use.

- **Eye Protection:** Always wear ANSI-approved safety goggles during operation.
- **Respiratory Protection:** Use an approved respirator suitable for paint fumes and particulates.
- **Ventilation:** Operate in a well-ventilated area to prevent the accumulation of hazardous fumes.
- **Flammable Materials:** Keep the work area clear of ignition sources. Paint and solvents are often flammable.
- **Air Supply:** Ensure your air compressor meets the specified requirements (60-115 PSI, 10 CFM average air consumption).
- **Moisture Filter:** Maintain the inline moisture air filter to prevent water from entering the paint stream, which can affect finish quality and potentially damage the gun.
- **Chemical Handling:** Follow manufacturer guidelines for handling and disposing of paints, thinners, and cleaning solvents.
- **Electrical Safety:** Ensure all electrical connections for the air compressor are properly grounded and rated for the environment.

## 3. Setup

1. **Unpack Components:** Carefully remove all items from the packaging. Verify that all parts, including the spray gun, cup, and inline moisture air filter, are present and undamaged.

2. **Attach Air Filter:** Connect the inline moisture air filter to the air inlet of the spray gun. This filter is crucial for preventing moisture from contaminating your paint.



*Image: The red inline moisture air filter, essential for clean air supply to the spray gun.*

3. **Connect Air Hose:** Attach your air compressor hose to the inline moisture air filter. Ensure all connections are secure to prevent air leaks.
4. **Prepare Paint:**
    - Thoroughly mix your paint according to the paint manufacturer's instructions.
    - Thin the paint as necessary for spray application. Proper thinning is critical for achieving a smooth finish and preventing clogging.
    - Strain the paint through a fine-mesh filter to remove any impurities or clumps that could clog the spray gun.
5. **Fill Paint Cup:** Pour the prepared paint into the 32 oz. aluminum dripless cup. You may use paint liners for easier cleanup.



*Image: Light blue paint being poured into the spray gun's aluminum cup, which is fitted with a disposable liner for convenience.*

6. **Attach Cup:** Securely attach the filled paint cup to the spray gun.
7. **Adjust Air Pressure:** Set your air compressor to the recommended working pressure of 60-115 PSI. The average air consumption is 10 CFM at 60 PSI.

## 4. Operating Instructions

1. **Test Spray:** Before applying paint to your workpiece, perform a test spray on a scrap piece of material. This allows you to adjust the spray pattern and fluid control.
2. **Adjust Spray Pattern:** The spray gun features adjustable controls for the spray pattern (fan width) and fluid output. Experiment with these settings to achieve the desired coverage and finish.
3. **Maintain Distance:** Hold the spray gun perpendicular to the surface, typically 6-10 inches away, and maintain a consistent distance throughout the spray pass.
4. **Overlap Passes:** Overlap each spray pass by approximately 50% to ensure even coverage and avoid streaks.
5. **Trigger Control:** Fully depress the trigger at the beginning of each pass and release it at the end. Avoid feathering the trigger, which can lead to uneven application.

6. **Clean Between Coats:** If applying multiple coats, allow adequate drying time between coats as recommended by the paint manufacturer. Lightly clean the nozzle if paint begins to dry and affect the spray pattern.

## 5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your spray gun.

- **Immediate Cleaning:** Clean the spray gun immediately after each use.
  - Empty any remaining paint from the cup.
  - Pour appropriate cleaning solvent (e.g., paint thinner for oil-based paints, water for water-based paints) into the cup.
  - Spray the solvent through the gun until it runs clear.
  - Disassemble the air cap, fluid nozzle, and needle. Clean these components thoroughly with a brush and solvent.
  - Wipe down the gun body.
  - Reassemble the gun, ensuring all parts are tightened correctly.
- **Moisture Filter Maintenance:** Regularly check and drain the inline moisture air filter. Replace the filter element if it becomes clogged or excessively dirty.
- **Lubrication:** Periodically apply a small amount of lubricant to the needle packing and air valve stem to ensure smooth operation. Use lubricants compatible with your paint and solvents.
- **Storage:** Store the clean and dry spray gun in a safe, dry place away from extreme temperatures and direct sunlight.

## 6. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| **Pulsating Spray / Uneven Flow** | Low air pressure<br>Clogged fluid nozzle or air cap<br>Insufficient paint in cup<br>Loose fluid nozzle or air cap | Increase air pressure<br>Clean nozzle and air cap<br>Refill paint cup<br>Tighten components |
| **Orange Peel Finish** | Paint too thick<br>Gun too far from surface<br>Insufficient air pressure | Thin paint further<br>Reduce gun distance<br>Increase air pressure |
| **Excessive Overspray** | Too much air pressure<br>Gun too far from surface | Reduce air pressure<br>Reduce gun distance |
| **Paint Leaking from Nozzle** | Damaged fluid nozzle or needle<br>Loose fluid nozzle<br>Worn needle packing | Replace damaged parts<br>Tighten fluid nozzle<br>Replace needle packing |

## 7. Specifications

### Product Details

**Model Number:** 4333081149

**Brand:** Central Pneumatic

**Description:** Heavy Duty Multi-Purpose Paint Spray Gun

**Cup Capacity:** 32 oz. (1 Quart)

**Tip Size:** 1.8 mm

**Material:** Aluminum (cup), Metal (gun body)

**Color:** Multicolor

**Item Weight:** 2.55 pounds

**Package Dimensions:** 11.75 x 7 x 4.25 inches

### Performance

**Working Pressure:** 60-115 PSI

**Maximum Pressure:** 115 PSI

**Average Air Consumption:** 10 CFM @ 60 PSI

**Power Source:** External power source (air compressor)




*Image: Product label detailing key features and compressor requirements for the Central Pneumatic 32 oz. Heavy Duty Multi-Purpose Spray Gun.*

## 8. Warranty and Support

This Central Pneumatic spray gun comes with a**90-day warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or to order replacement parts, please contact Central Pneumatic customer service. Keep your purchase receipt as proof of purchase.

**Important:** Maintain the inline moisture air filter to prevent potential hazards from moisture in the air supply, as this is crucial for product performance and longevity.

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