Kobalt 220964

Kobalt 8-inch Air Paint Sprayer User Manual

Model: 220964 | SGY-AIR70NB

1. Product Overview

This manual provides detailed instructions for the safe and efficient operation, setup, and maintenance of your Kobalt 8-inch Air Paint Sprayer. Please read this manual thoroughly before use and retain it for future reference.

1.1 Key Features

- Designed specifically for use with latex paints.
- Includes internal and external air caps for adapting to slow or fast-drying paints.
- Features a durable 32-ounce aluminum cup for paint reservoir.
- Equipped with ergonomic anodized knobs for precise control over paint flow and spray pattern.
- A cleaning kit is included for easy maintenance.

1.2 Package Contents

Upon unpacking, ensure all items listed below are present and undamaged:

- Kobalt 8-inch Air Paint Sprayer Gun
- 32-oz Aluminum Paint Cup
- Internal Air Cap
- External Air Cap
- Cleaning Kit
- User Manual



Image 1.1: The Kobalt 8-inch Air Paint Sprayer with its attached 32-ounce aluminum paint cup.

2. Safety Information

WARNING: Read all safety warnings and instructions before operating this paint sprayer. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and a respirator, when operating the sprayer.
- Ensure the work area is well-ventilated to prevent the accumulation of hazardous fumes.
- Keep children and bystanders away while operating the sprayer.
- Do not spray near open flames, pilot lights, or other ignition sources. Paint fumes are highly flammable.
- Always disconnect the air supply before cleaning, adjusting, or performing maintenance on the sprayer.
- Never point the spray gun at yourself or others.
- Use only paints and solvents compatible with the sprayer's components. Refer to paint manufacturer's instructions.

3. Setup

3.1 Attaching the Paint Cup

1. Ensure the paint cup is clean and free of debris.
2. Thread the 32-oz aluminum paint cup onto the bottom of the spray gun body. Tighten securely by hand to prevent leaks.



Image 3.1: The 32-oz aluminum paint cup securely attached to the sprayer body.

3.2 Connecting to Air Supply

1. Connect an air hose (not included) to the air inlet fitting at the base of the sprayer handle.
2. Ensure the air compressor is off and depressurized before connecting the hose.
3. Once connected, turn on the air compressor and set the pressure according to your paint manufacturer's recommendations, typically between 20-50 PSI.



Image 3.2: Connecting the air hose to the sprayer's air inlet.

3.3 Selecting and Installing Air Cap

The sprayer includes internal and external air caps for different paint types and drying times.

1. Choose the appropriate air cap based on your paint's viscosity and drying characteristics.
2. Thread the selected air cap onto the front of the spray gun. Do not overtighten.

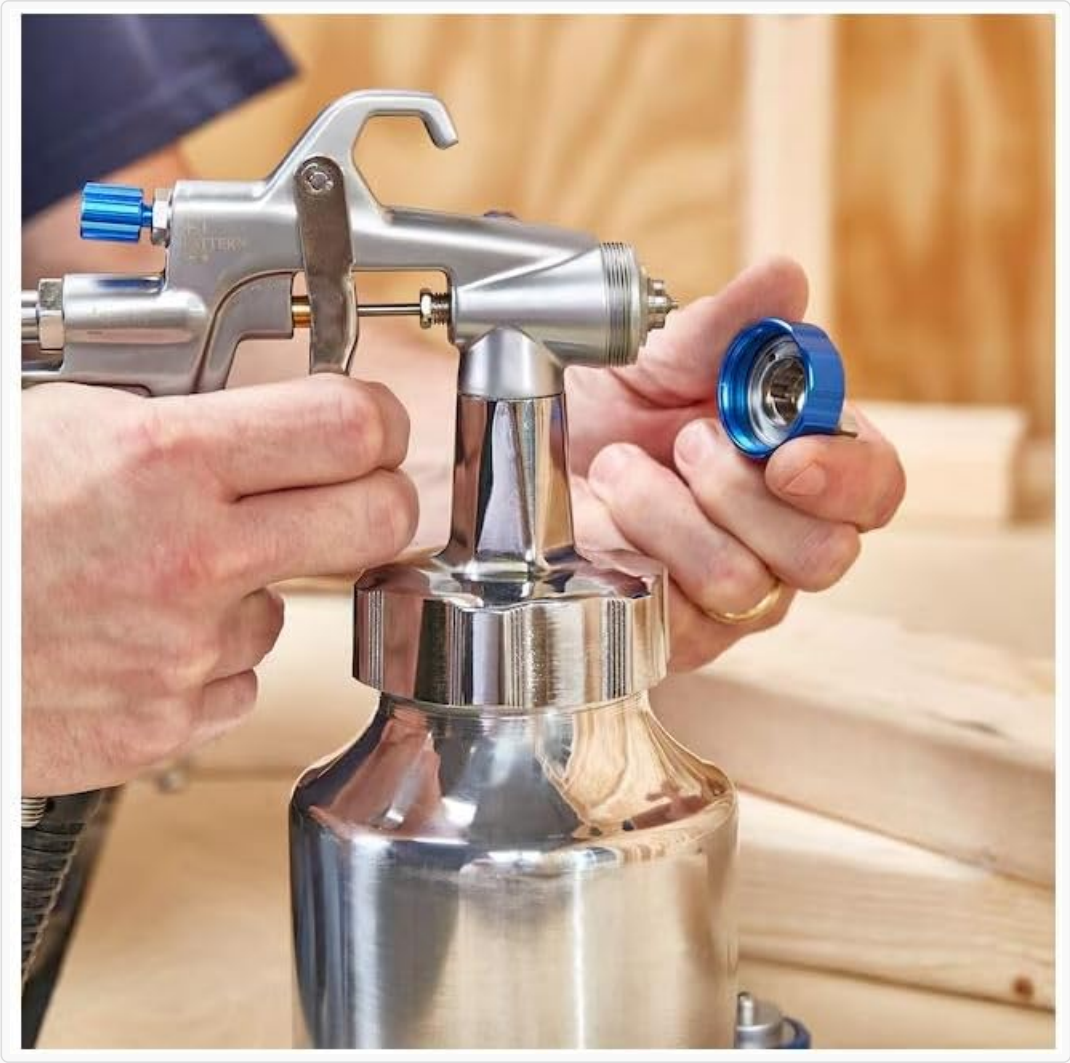


Image 3.3: Adjusting or installing the air cap on the sprayer nozzle.

4. Operation

4.1 Preparing Paint

1. Ensure your paint is properly mixed and thinned according to the paint manufacturer's instructions for spray application. This sprayer is designed for latex paints.
2. Strain the paint through a paint filter or cheesecloth to remove any lumps or debris that could clog the nozzle.
3. Pour the prepared paint into the 32-oz aluminum cup. Do not overfill.

4.2 Adjusting Spray Pattern and Fluid Flow

The Kobalt sprayer features ergonomic anodized knobs for precise control:

- **Pattern Adjustment Knob (Top Blue Knob):** Rotate this knob to adjust the spray pattern from a narrow circle to a wide fan.
- **Fluid Control Knob (Rear Blue Knob):** Rotate this knob to control the amount of paint flowing through the nozzle. Turn clockwise for less paint, counter-clockwise for more.
- **Air Pressure Adjustment (Side Blue Knob):** This knob controls the air flow to the air cap, influencing atomization.



Image 4.1: Detail of the nozzle and control knobs for spray pattern and fluid flow.



Image 4.2: The sprayer trigger and ergonomic handle.

4.3 Spraying Technique

1. Always test the spray pattern on a piece of scrap material before applying to your project.
2. Hold the sprayer perpendicular to the surface, maintaining a consistent distance (typically 6-10 inches).
3. Move the sprayer in smooth, even strokes, overlapping each pass by about 50%.
4. Release the trigger at the end of each stroke to avoid paint buildup.

5. Maintenance and Cleaning

Proper cleaning after each use is crucial for maintaining the performance and longevity of your paint sprayer. A cleaning kit is included.

1. **Empty Remaining Paint:** Pour any unused paint back into its original container.
2. **Rinse Cup:** Fill the paint cup with an appropriate cleaning solvent (water for latex, mineral spirits for oil-based paints) and spray it through the gun into a waste container until clear.
3. **Disassemble:** Disconnect the air supply. Remove the paint cup, air cap, and fluid nozzle.
4. **Clean Components:** Use the included cleaning brushes and solvent to thoroughly clean all disassembled parts. Pay close attention to the air cap holes and fluid nozzle.
5. **Wipe Down:** Wipe the exterior of the spray gun with a solvent-dampened cloth.
6. **Reassemble:** Once all parts are clean and dry, reassemble the sprayer.

7. **Lubricate (Optional):** Apply a small amount of non-silicone lubricant to moving parts like the trigger pivot and needle packing if necessary, following manufacturer guidelines.



Image 5.1: The sprayer and its components, ready for cleaning or reassembly.

6. Troubleshooting

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
No paint flow	Clogged nozzle or air cap; paint too thick; fluid control knob closed.	Clean nozzle/air cap; thin paint; open fluid control knob.
Uneven spray pattern	Dirty or damaged air cap; incorrect air pressure; improper thinning.	Clean/replace air cap; adjust air pressure; re-thin paint.
Excessive overspray	Too much air pressure; sprayer too far from surface.	Reduce air pressure; move sprayer closer to surface.
Paint drips or runs	Too much paint flow; sprayer too close to surface; paint too thin.	Reduce fluid flow; move sprayer further from surface; thicken paint.

7. Specifications

Feature	Detail
Model Number	220964
Model Name	SGY-AIR70NB
Brand	Kobalt
Power Source	Air-powered
Paint Cup Capacity	32 oz (Aluminum)
Product Dimensions	9.5 x 9.5 x 15 inches
Item Weight	2.2 pounds
Color	Blue Silver
Designed For	Latex paints

8. Warranty and Support

For warranty information, technical support, or to inquire about replacement parts, please contact Kobalt customer service. Refer to your purchase documentation or the manufacturer's website for contact details.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question