

## DeVilbiss KB-555

# DeVilbiss KB-555 KB Pressure Cup Instruction Manual

Model: KB-555 (Part Number: 120033)

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and effective use, setup, operation, and maintenance of your DeVilbiss KB-555 KB Pressure Cup. Please read this manual thoroughly before operating the equipment and retain it for future reference.

The DeVilbiss KB-555 is a 2-quart (approximately 1.9 liters) aluminum pressure cup designed for use with spray guns, providing a regulated material flow for various coating applications.

## 2. IMPORTANT SAFETY INFORMATION

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Always observe standard safety precautions when operating this equipment. Failure to follow these instructions may result in serious injury or property damage.

- Read and understand all instructions in this manual before use.
- Wear appropriate personal protective equipment (PPE), including eye protection, gloves, and respiratory protection, as recommended by the material manufacturer.
- Ensure adequate ventilation in the work area to prevent the accumulation of hazardous fumes.
- Never exceed the maximum recommended operating pressure for the cup or your spray gun.
- Always depressurize the cup before attempting to open, clean, or service it.
- Keep the equipment clean and in good working condition.
- Do not modify the pressure cup. Use only genuine DeVilbiss replacement parts.

### **Proposition 65 Warning:**

**WARNING:** This product can expose you to chemicals which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## 3. PRODUCT OVERVIEW

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### 3.1 Components

The DeVilbiss KB-555 KB Pressure Cup consists of a durable aluminum container, a lid assembly with a pressure regulator, and a handle for portability and hanging.



Image 1: DeVilbiss KB-555 KB Pressure Cup. This image displays the complete assembly of the 2-quart aluminum pressure cup, including the main container, the lid with integrated pressure regulator, and the metal hook for suspension.

## 3.2 Features

- **Capacity:** 2 Quarts (approximately 1.9 liters)
- **Material:** Durable Aluminum construction
- **Pressure Regulation:** Integrated regulator for consistent material flow.
- **Portability:** Equipped with a handle/hook for easy transport and hanging.
- **Origin:** Made in the United States.

## 4. SETUP

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### 4.1 Unpacking

- Carefully remove the pressure cup from its packaging.
- Inspect all components for any signs of shipping damage. If damage is found, contact your supplier immediately.
- Retain packaging materials for future storage or transport.

### 4.2 Connecting to Air Supply and Spray Gun

- Ensure all connections are clean and free of debris.
- Connect the air inlet of the pressure cup to a clean, regulated air supply line using appropriate fittings.

- Connect the material outlet of the pressure cup to the material inlet of your spray gun.
- Tighten all connections securely to prevent air or material leaks. Do not overtighten.

## 5. OPERATION

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### 5.1 Filling the Cup

- Ensure the pressure cup is depressurized before opening.
- Unscrew the lid and carefully pour the desired coating material into the cup. Do not overfill.
- Securely reattach the lid, ensuring it is properly sealed.

### 5.2 Adjusting Pressure

- With the cup filled and connected, slowly introduce air pressure to the system.
- Use the integrated regulator on the cup to set the desired material pressure. Refer to your material manufacturer's recommendations for optimal pressure settings.
- Always adjust pressure gradually.

### 5.3 Usage Guidelines

- Maintain consistent air pressure for uniform material delivery.
- Monitor material levels and refill as needed, always depressurizing the cup first.
- After each use, or when changing materials, thoroughly clean the cup and associated components.

## 6. MAINTENANCE

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### 6.1 Cleaning

- Depressurize the cup completely before cleaning.
- Empty any remaining material from the cup.
- Disassemble the lid and cup. Clean all parts with an appropriate cleaning solution recommended by your material manufacturer.
- Pay special attention to the regulator and air passages to ensure they are free of dried material.
- Rinse thoroughly and allow all components to dry completely before reassembly or storage.

### 6.2 Storage

- Store the clean, dry pressure cup in a cool, dry place, away from direct sunlight and extreme temperatures.
- Ensure all seals and O-rings are in good condition before storage. Replace if worn or damaged.

## 7. TROUBLESHOOTING

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This section addresses common issues you might encounter with the DeVilbiss KB-555 KB Pressure Cup.

Problem	Possible Cause	Solution
Material not flowing	No air pressure; clogged material line; regulator set too low.	Check air supply; clean material line; increase regulator pressure.

Problem	Possible Cause	Solution
Air or material leak from lid	Lid not tightened; damaged gasket/seal; debris on sealing surface.	Tighten lid securely; inspect and replace gasket/seal; clean sealing surfaces.
Inconsistent material flow	Fluctuating air supply; regulator malfunction; material viscosity issues.	Ensure stable air supply; check/replace regulator; adjust material viscosity.

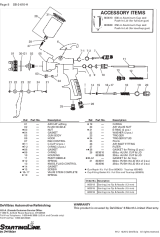

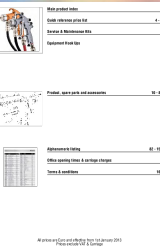



## 8. TECHNICAL SPECIFICATIONS

Specification	Detail
Model Name	KB-555 KB Pressure Cup
Part Number	120033
Capacity	2 Quarts (approx. 1.9 Liters)
Material	Aluminum
Item Weight	5 pounds (approx. 2.27 kg)
Product Dimensions	8 x 8 x 12 inches (approx. 20.3 x 20.3 x 30.5 cm)
Manufacturer	DeVilbiss
Date First Available	May 1, 2015

## 9. WARRANTY AND CUSTOMER SUPPORT

For information regarding product warranty, please refer to the warranty documentation provided with your purchase or visit the official DeVilbiss website. Warranty terms and conditions may vary.

For technical assistance, replacement parts, or further inquiries, please contact DeVilbiss customer support directly. Contact information can typically be found on the manufacturer's official website or product packaging.

	<p><a href="#">DeVilbiss StartingLine HVLP Spray Gun Parts and Accessories</a></p> <p>Comprehensive parts breakdown, accessory items, and warranty details for the DeVilbiss StartingLine HVLP automotive spray gun, including part numbers and descriptions.</p>
	<p><a href="#">DeVilbiss StartingLine HVLP Spray Gun Service Bulletin SB-2-610-K</a></p> <p>This service bulletin provides essential information, setup instructions, adjustment procedures, cleaning guidelines, and safety warnings for the DeVilbiss StartingLine HVLP spray gun, model SB-2-610-K. It details HVLP air supply requirements, gun setup, packing adjustment, fluid tip applications, cleaning, preventive maintenance, and potential hazards.</p>
	<p><a href="#">DeVilbiss, Binks, Ransburg Spray Finishing Equipment Catalog and Technical Guide</a></p> <p>Comprehensive catalog and technical guide for DeVilbiss, Binks, and Ransburg professional spray finishing equipment. Features detailed listings of spray guns, pumps, air motors, regulators, hoses, accessories, and related parts with model numbers and specifications.</p>
	<p><a href="#">DeVilbiss APOLLO-L Spray Gun Operation Manual</a></p> <p>This manual provides comprehensive instructions for the safe operation, maintenance, and troubleshooting of the DeVilbiss APOLLO-L spray gun. It covers safety precautions, usage guidelines, parts lists, and specifications.</p>
	<p><a href="#">DeVilbiss Compact-X Automatic Spray Gun Service and Operation Manual</a></p> <p>Comprehensive service and operation manual for the DeVilbiss Compact-X Automatic Spray Gun, covering specifications, parts, installation, maintenance, technology, and warranty.</p>
	<p><a href="#">DeVilbiss DV5HH Heated Humidifier User Manual and Instructions</a></p> <p>Official instruction guide for the DeVilbiss DV5HH Heated Humidifier, an accessory for IntelliPAP and SleepCube CPAP devices, designed to provide comfortable heated humidity for respiratory therapy.</p>

