

DeVilbiss HAV-501

DeVilbiss Air Adjusting Valve HAV-501 Instruction Manual

Model: HAV-501

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your DeVilbiss Air Adjusting Valve, Model HAV-501. Please read these instructions thoroughly before use to ensure safe and efficient performance.

Package Contents

- DeVilbiss Air Adjusting Valve (HAV-501)

2. SAFETY INFORMATION

WARNING: Always wear appropriate personal protective equipment (PPE) when working with compressed air systems and paint spray equipment, including eye protection, respiratory protection, and gloves.

Ensure all connections are secure and leak-free before operating. Do not exceed the maximum operating pressure specified for this device or any connected equipment.

Proposition 65 Warning:

This product can expose you to chemicals including lead, which is 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.

3. SETUP AND INSTALLATION

The DeVilbiss HAV-501 Air Adjusting Valve is designed for inline installation between the air hose and a spray gun or other air tool to provide precise air pressure control at the point of use.

Connecting the Valve

1. Ensure the air supply is turned off and depressurized before making any connections.
2. Connect the inlet of the HAV-501 valve (male threaded end) to your air hose or a quick-connect coupler. Use thread sealant tape for a secure, airtight connection.
3. Connect your spray gun or air tool to the outlet of the HAV-501 valve (female swivel end). Ensure

this connection is also secure and leak-free.

4. Verify that the gauge is oriented for easy reading during operation.



Figure 1: Front view of the DeVilbiss HAV-501 Air Adjusting Valve, showing the pressure gauge face with readings in psi and kg/cm².



Figure 2: Side view of the DeVilbiss HAV-501 Air Adjusting Valve, illustrating the air inlet, outlet, and the pressure adjustment knob.

4. OPERATING INSTRUCTIONS

The HAV-501 valve allows for fine-tuning of air pressure directly at your spray gun or air tool, optimizing performance for various applications.

Adjusting Air Pressure

1. With the valve connected and air supply on, observe the pressure reading on the gauge.
2. To **increase** air pressure, turn the adjustment knob clockwise.
3. To **decrease** air pressure, turn the adjustment knob counter-clockwise.
4. Always adjust pressure gradually and test the output with your spray gun or tool to achieve the desired setting.
5. Refer to your spray gun or air tool manufacturer's recommendations for optimal operating pressures.

5. MAINTENANCE

Regular maintenance ensures the longevity and reliable performance of your air adjusting valve.

- **Cleaning:** Keep the valve and gauge clean from paint, dust, and debris. Use a soft, damp cloth. Do not use harsh solvents that could damage the gauge or valve components.
- **Inspection:** Periodically inspect all connections for leaks. Check the adjustment knob for smooth operation and ensure it holds its setting.
- **Storage:** Store the valve in a clean, dry environment when not in use.

6. TROUBLESHOOTING

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

| Problem | Possible Cause | Solution |
|--|--|---|
| No air flow or low pressure | Air supply off; valve closed; clogged filter (if applicable); leaks. | Check air supply; open valve by turning knob clockwise; inspect for clogs; check all connections for leaks. |
| Pressure fluctuates or does not hold setting | Loose adjustment knob; internal wear; leaks. | Ensure knob is tightened; inspect for damage; check for leaks. If issue persists, replacement may be necessary. |
| Air leaks from connections | Improperly sealed threads; loose connections; damaged fittings. | Apply thread sealant tape to male threads; tighten connections; replace damaged fittings. |

7. SPECIFICATIONS

Technical details for the DeVilbiss Air Adjusting Valve HAV-501.

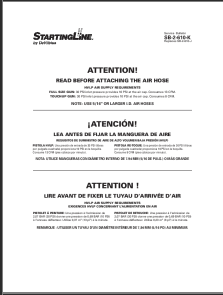
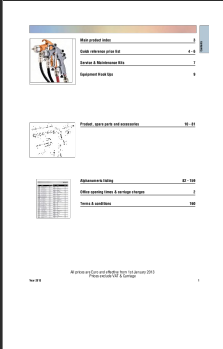
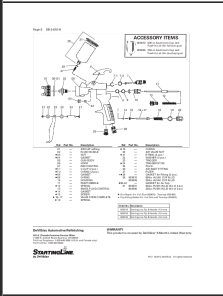
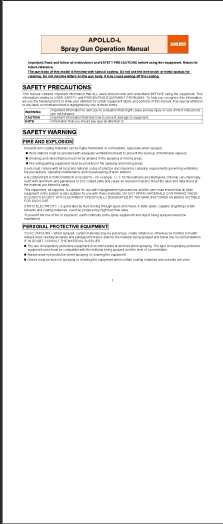

| Specification | Detail |
|-----------------------------|---|
| Model | HAV-501 |
| Brand | DeVilbiss |
| Material | Metal |
| Exterior Finish | Grey |
| Item Dimensions (L x W x H) | 5.9 x 3.9 x 1.9 inches |
| Item Weight | 6.4 ounces |
| Inlet Connection Size | 0.25 Inches (1/4 inch) |
| Inlet Connection Type | Compression |
| Outlet Connection Type | Female National Pipe Straight (NPS) swivel outlet |
| Maximum Operating Pressure | 160 PSI (Pound per Square Inch) |
| Number of Ports | 2 |
| UPC | 658701005178 |

8. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact DeVilbiss customer service directly. Keep your purchase receipt as proof of purchase.

For further assistance, visit the official DeVilbiss website or contact their authorized service centers.

Related Documents - HAV-501

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|---|---|
|  <p>The image shows the cover of a service bulletin for the DeVilbiss StartingLine HVLP Spray Gun, model SB-2-610-K. It features the StartingLine logo and text in English, French, and Spanish, all with the heading 'ATTENTION!'.</p> | <p>DeVilbiss StartingLine HVLP Spray Gun Service Bulletin SB-2-610-K</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>The image shows the cover of a catalog and technical guide for DeVilbiss, Binks, and Ransburg professional spray finishing equipment. It includes a table of contents with sections like 'How to Use This Catalog', 'Equipment Specifications', and 'Accessories'.</p> | <p>DeVilbiss, Binks, Ransburg Spray Finishing Equipment Catalog and Technical Guide</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>The image shows a parts and accessories list for the DeVilbiss StartingLine HVLP automotive spray gun. It includes a detailed diagram of the spray gun with numbered callouts and a corresponding list of parts with their descriptions and part numbers.</p> | <p>DeVilbiss StartingLine HVLP Spray Gun Parts and Accessories</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>The image shows the cover of the APOLLO-L Spray Gun Operation Manual. It features the APOLLO-L logo and text in English, French, and Spanish, all with the heading 'ATTENTION!'.</p> | <p>DeVilbiss APOLLO-L Spray Gun Operation Manual</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>The image shows the cover of the Compact-X Automatic Spray Gun Service and Operation Manual. It features the Compact-X logo and text in English, French, and Spanish, all with the heading 'ATTENTION!'.</p> | <p>DeVilbiss Compact-X Automatic Spray Gun Service and Operation Manual</p> <p>Comprehensive service and operation manual for the DeVilbiss Compact-X Automatic Spray Gun, covering specifications, parts, installation, maintenance, technology, and warranty.</p> |



[DeVilbiss DV5HH Heated Humidifier User Manual and Instructions](#)

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.