

TIMBERTECH ABPST05

Timbertech Airbrush Compressor Kit ABPST05 User Manual

Model: ABPST05 | Brand: TIMBERTECH

1. INTRODUCTION

Thank you for choosing the Timbertech Airbrush Compressor Kit ABPST05. This kit is designed for precision airbrushing across a wide range of applications, including fine arts, model painting, cake decoration, makeup, and temporary tattoos. It features a quiet, oil-free compressor and a versatile gravity feed airbrush, providing consistent performance for both beginners and experienced users.

This manual provides essential information for the safe and effective operation, setup, maintenance, and troubleshooting of your airbrush compressor kit. Please read it thoroughly before initial use and keep it for future reference.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury or damage to the equipment:

- Ensure the power supply matches the voltage requirements of the compressor (110 Volts).
- Operate the compressor in a well-ventilated area to prevent the buildup of fumes from paints or cleaning solutions.
- Wear appropriate personal protective equipment (PPE), such as safety glasses and a respirator, especially when spraying paints or chemicals.
- Do not operate the compressor near flammable liquids or gases.
- Keep children and pets away from the operating area.
- Disconnect the power cord from the outlet before performing any maintenance, cleaning, or when the unit is not in use.
- Do not touch hot surfaces of the compressor during or immediately after operation.
- Never point the airbrush at yourself or others.
- Ensure all connections are secure before operating the unit.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking:

- Oil-free reciprocating piston compressor with manometer, air pressure regulator, and air filter.
- Gravity feed airbrush gun with 0.30mm nozzle (mounted).

- Additional interchangeable nozzles: 0.2mm, 0.3mm, and 0.5mm.
- Air hose (approx. 6.0 ft / 1.9 m).
- Set of accessories (e.g., droppers, wrench, cleaning tools).



Figure 3.1: Complete Timbertech Airbrush Compressor Kit showing the compressor, airbrush, hose, and accessory box.



Figure 3.2: Detailed view of the gravity feed airbrush gun, braided air hose, and various accessories including additional nozzles and droppers.

4. SETUP

Follow these steps to set up your airbrush compressor kit:

1. **Placement:** Place the compressor on a stable, flat, and dry surface in a well-ventilated area. Ensure the rubber feet are securely positioned to minimize vibration.
2. **Air Hose Connection:** Connect one end of the air hose to the air outlet port on the compressor. Ensure it is tightened securely to prevent air leaks.
3. **Airbrush Connection:** Connect the other end of the air hose to the air inlet of your airbrush gun. Hand-tighten firmly.
4. **Power Connection:** Plug the compressor's power cord into a grounded electrical outlet.



Figure 4.1: Front view of the compressor showing the pressure gauge and air outlet connection point.



Figure 4.2: The braided air hose, designed for durability and flexibility in connecting the compressor to the airbrush.

5. OPERATING INSTRUCTIONS

Operating your Timbertech Airbrush Compressor Kit:

1. **Power On:** Flip the power switch on the compressor to the 'ON' position. The compressor will start automatically and build pressure. It features an Autostart (3 Bar) and Autostop (4 Bar) function, meaning it will turn on when pressure drops below 3 Bar and turn off when it reaches 4 Bar.
2. **Adjust Air Pressure:** Use the air pressure regulator knob located near the pressure gauge to adjust the desired operating pressure. The recommended operating pressure for the airbrush is approximately 1 to 2.5 bar.
3. **Prepare Airbrush:** Fill the airbrush cup with your desired medium (paint, ink, etc.). Ensure the medium is properly thinned for airbrushing.
4. **Test Spray:** Before applying to your project, perform a test spray on a scrap piece of material to check the spray pattern and consistency.
5. **Airbrushing:** Hold the airbrush at an appropriate distance from your surface. Press down on the trigger for air, then pull back for material flow. Adjust both for desired results.
6. **Power Off:** When finished, turn off the compressor by flipping the power switch to the 'OFF' position.



Figure 5.1: Side view of the compressor, highlighting the air filter and pressure regulator for precise control.



Figure 5.2: Close-up of the gravity feed airbrush gun, showing the top-mounted paint cup and dual-action trigger.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your kit:

- **Airbrush Cleaning:** Clean the airbrush thoroughly after each use, especially when changing colors or types of media. Use appropriate cleaning solutions for your specific paints. Disassemble the airbrush as needed for deep cleaning, paying attention to the nozzle and needle.
- **Compressor Air Filter:** Periodically check the air filter on the compressor for accumulated moisture or debris. Drain any moisture from the filter bowl by opening the drain valve at the bottom.
- **General Cleaning:** Wipe down the compressor and airbrush exterior with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the kit in a clean, dry, and dust-free environment. Disconnect the airbrush from the compressor and coil the air hose neatly.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No air from airbrush	Compressor not on; hose disconnected; airbrush clogged.	Check power switch; ensure hose is secure; clean airbrush nozzle/needle.
Inconsistent spray pattern	Paint too thick; partially clogged airbrush; incorrect pressure.	Thin paint; thoroughly clean airbrush; adjust pressure regulator.
Compressor runs continuously	Air leak in system; pressure switch malfunction.	Check all connections for leaks; contact customer support if issue persists.
Paint sputtering	Insufficient paint; clogged airbrush; moisture in air line.	Refill paint cup; clean airbrush; drain moisture from air filter.

8. SPECIFICATIONS

Feature	Specification
Model Number	ABPST05
Compressor Type	Oil-free reciprocating piston
Voltage	110 Volts
Air Flow	20-23 L/Min
Autostart Pressure	3 Bar
Autostop Pressure	4 Bar
Operating Pressure (Airbrush)	Approx. 1 to 2.5 Bar
Airbrush Nozzle Sizes	0.2mm, 0.3mm, 0.5mm, 0.30mm (mounted)
Air Hose Length	Approx. 6.0 ft / 1.9 m
Noise Level	50 dB
Product Dimensions	88.9 x 50.8 x 63.5 cm
Weight	4.32 kg
Material	Metal

9. WARRANTY AND SUPPORT

This product is typically covered by a standard return policy, allowing for returns or replacements within 30 days of purchase. For specific warranty details and duration, please refer to your purchase documentation or contact the seller directly.






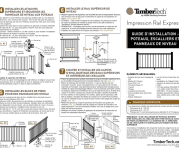
For technical support, troubleshooting assistance beyond this manual, or inquiries regarding replacement parts, please contact the manufacturer or authorized seller. Keep your purchase receipt and model number (ABPST05) ready when contacting support.

Manufacturer: Jago AG

Place of Business: No. 25 Nandu Road, Jiangkou Sub district, Fenghua City, the People's Republic of China



Related Documents - ABPST05

	<p>TimberTech 150W Power Pack Operating Instructions, Safety, and Troubleshooting Guide</p> <p>Detailed operating instructions, safety warnings, installation guide, troubleshooting steps, and electrical specifications for the TimberTech 150W Power Pack landscape lighting system. Includes guidance on wattage calculation, mode functions, and error code resolution.</p>
	<p>TimberTech AZEK Deck Warranty - Lifetime Limited Warranty for TimberTech Decking</p> <p>Official lifetime limited warranty details for AZEK Decking products, including Harvest, Arbor, and Vintage Collections, from TimberTech. Learn about coverage, exclusions, and how to obtain warranty service.</p>
	<p>TimberTech Advanced PVC Decking Installation and Maintenance Guide</p> <p>Comprehensive guide for installing and maintaining TimberTech Advanced PVC Decking, covering substructure, fasteners, expansion, contraction, stair installation, fascia, and care. Includes detailed instructions for Cortex, CONCEALoc, FUSIONLoc, and SIDEloc hidden fastening systems.</p>
	<p>TimberTech Deck & Porch Care and Cleaning Guide</p> <p>Comprehensive guide from TimberTech by AZEK Building Products on how to clean and maintain TimberTech decking, porch, and railing products, including recommended cleaners, brushes, and cleaning methods for various collections.</p>
	<p>TimberTech AZEK Decking Installation and Maintenance Guide</p> <p>Comprehensive installation and maintenance guide for TimberTech AZEK Decking, covering tools, preparation, fastening methods (Cortex, CONCEALoc, FUSIONLoc, SIDEloc), stair installation, fascia, and care instructions.</p>
	<p>TimberTech Impression Rail Express Installation Guide</p> <p>A comprehensive installation guide for the TimberTech Impression Rail Express deck railing system. This guide provides step-by-step instructions for installing posts, level panels, and stair railings, along with essential tips, safety precautions, and material requirements.</p>