

TIMBERTECH ABPST08K

Timbertech ABPST08K Airbrush Compressor System User Manual

Comprehensive Guide for Setup, Operation, and Maintenance



1. PRODUCT OVERVIEW

The Timbertech ABPST08K is a complete airbrush compressor system designed for both beginners and advanced users. It features a powerful oil-free piston compressor with an air tank, an improved cooling fan, and an automatic stop function for efficient and quiet operation. The set includes a high-quality dual-action airbrush gun and essential accessories to get you started with various airbrushing applications.

1.1 Included Components

- ABPST08 Cooling Fan Compressor
- BD-130 Airbrush Nozzle (0.3 mm installed, with additional 0.20 mm and 0.50 mm nozzles)
- 1.8 meter Air Hose with 1/8" internal threads on both ends
- BD-H4 Mini Airbrush Holder
- 5 Test Acrylic Paints



Figure 1.1: Complete Timbertech ABPST08K Airbrush Compressor System with all included components.

2. SAFETY INSTRUCTIONS

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

- Read all instructions before operating the unit.
- Ensure the power supply matches the voltage specified on the compressor (230 Volts).
- Operate the compressor in a well-ventilated area.
- Do not use the compressor near flammable liquids or gases.
- Always wear appropriate personal protective equipment (PPE), such as safety glasses and a respirator, when airbrushing.

- Never point the airbrush at yourself or others.
- Disconnect the power cord before performing any maintenance or cleaning.
- Keep children and pets away from the operating area.
- The compressor may become warm during extended use. Allow it to cool down before handling.



Figure 2.1: The compressor unit features an improved cooling fan for enhanced performance and safety.

3. SETUP

3.1 Unpacking

1. Carefully remove all components from the packaging.
2. Inspect all parts for any signs of damage during transit. If any damage is found, do not proceed with setup and contact customer support.
3. Retain the packaging for future storage or transport.



Figure 3.1: Components neatly packed in protective foam within the box.

3.2 Assembly

1. Place the compressor on a stable, level surface.
2. Attach the air hose to the air outlet on the compressor and to the airbrush gun. Ensure connections are secure to prevent air leaks.
3. If using the mini airbrush holder, attach it to a suitable surface or directly to the compressor if it has a mounting point.
4. Ensure the airbrush nozzle (0.3 mm) is correctly installed in the BD-130 airbrush gun.



Figure 3.2: The BD-130 airbrush gun and its accessories are provided in a protective case.

4. OPERATING INSTRUCTIONS

4.1 Compressor Operation

1. Connect the power cord to a suitable electrical outlet (230V).
2. Turn on the compressor using the power switch. The compressor will start to fill its 3-liter air tank.
3. The compressor features an automatic start/stop function: it will start at approximately 3 bar and stop at 4 bar.
4. Adjust the working pressure using the pressure regulator knob. The pressure gauge displays the current pressure. The actual working pressure in continuous operation ranges from 0.35 to 2.5 bar.
5. The integrated overheat protection device will automatically shut off the compressor if it becomes too hot. Allow it to cool down before restarting.



Figure 4.1: The pressure gauge and regulator allow precise control over air pressure.

4.2 Airbrush Operation (BD-130 Dual-Action Airbrush)

1. Prepare your paint: Ensure your paint is thinned to the appropriate consistency for airbrushing.
2. Fill the color cup: Pour the prepared paint into the 7 ml color cup of the airbrush.
3. Hold the airbrush: Hold the airbrush comfortably in your hand.
4. Activate air: Press down on the trigger to release air.
5. Activate paint: Pull back on the trigger to release paint. The further you pull back, the more paint will be released. This dual-action control allows for fine adjustments.
6. Practice on scrap material to get a feel for the airbrush's response before working on your final project.
7. The airbrush is suitable for nozzles from 0.2 mm to 1.0 mm, making it versatile for various applications like tattooing, nail art, cosmetics, and model making.

5. MAINTENANCE

5.1 Compressor Maintenance

- **Drain Moisture:** Regularly drain any accumulated moisture from the air tank. This is typically done via a drain plug at the bottom of the tank.
- **Clean Air Filter:** Check and clean the air filter periodically to ensure optimal airflow and prevent dust from entering the compressor.
- **Storage:** When not in use, store the compressor in a clean, dry environment.



Figure 5.1: The drain plug located at the bottom of the air tank for moisture removal.

5.2 Airbrush Cleaning

Proper cleaning of the airbrush after each use is crucial for its longevity and performance.

1. Empty any remaining paint from the color cup.
2. Rinse the color cup with appropriate cleaning solution (water for acrylics, solvent for solvent-based paints).
3. Spray the cleaning solution through the airbrush until it sprays clear.
4. For thorough cleaning, disassemble the nozzle, needle, and other removable parts. Clean them with a brush and cleaning solution.
5. Reassemble the airbrush carefully, ensuring all parts are correctly aligned.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your airbrush compressor system.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Compressor does not turn on.	No power, power switch off, or overheat protection activated.	Check power connection, ensure switch is ON. If hot, allow to cool.
No air from airbrush.	Hose disconnected, compressor off, or airbrush clogged.	Check hose connections, turn on compressor, clean airbrush.
Paint sputtering or inconsistent spray.	Paint too thick, clogged nozzle, or low air pressure.	Thin paint, clean nozzle/airbrush, check compressor pressure.
Compressor runs continuously.	Air leak in system or pressure switch malfunction.	Check all connections for leaks. If issue persists, contact support.
Excessive noise.	Loose components or internal issue.	Check for loose parts. If noise is unusual, discontinue use and contact support.

7. SPECIFICATIONS

Feature	Detail
Model Number	ABPST08K
Manufacturer	Fenghua Bida Machinery Manufacture CO., LTD.
Power Source	Electric Cord
Voltage	230 Volts
Air Tank Capacity	3 Liters
Air Flow Capacity	23 liters per minute
Maximum Pressure	4 Bars
Working Pressure (Continuous)	0.35 - 2.5 bar
Automatic Start/Stop	Start at 3 bar / Stop at 4 bar
Noise Level	65 dB
Hose Length	1.8 Meters
Airbrush Nozzle Diameter	0.3 mm (installed), 0.20 mm, 0.50 mm
Airbrush Working Pressure	1.3 - 3.5 bar
Airbrush Air Consumption	15-20 l at 2 bar
Special Features	Improved cooling fan, integrated overheat protection
Color	Black
Material	Metal
Package Dimensions	41 x 32.6 x 19.7 cm

Feature	Detail
Weight	5.79 kg

8. WARRANTY AND SUPPORT

Information regarding specific warranty terms and customer support contact details for the Timbertech ABPST08K Airbrush Compressor System is not provided in the available product data. Please refer to the product packaging or the seller's website for warranty information and support contacts.




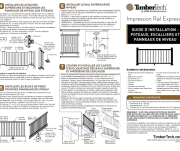
For general inquiries or assistance, you may also visit the [TIMBERTECH brand page on Amazon](#).





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Related Documents - ABPST08K

	<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 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 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>

	<p>Installing TimberTech Advanced PVC Deck & Fascia Boards: Top-Down Fastening Guide</p> <p>Comprehensive guide to installing TimberTech Advanced PVC decking and fascia boards using the top-down fastening method. Learn about material properties, tools, fasteners, and step-by-step installation for a durable and beautiful deck.</p>
	<p>TimberTech Composite and Specialty Decking: Installation and Maintenance Guide</p> <p>A comprehensive guide for installing and maintaining TimberTech composite and specialty decking, covering preparation, fastening methods, care, and warranty information. Includes detailed instructions for CONCEALoc, Cortex, and FUSIONLoc fastening systems.</p>