

TIMBERTECH ABPST06

TIMBERTECH Airbrush Compressor Kit ABPST06 User Manual

Model: ABPST06

1. PRODUCT OVERVIEW

The TIMBERTECH ABPST06 Airbrush Compressor Kit is an oil-less piston compressor designed for high-quality spraying effects. It features a 3-liter air tank that automatically maintains pressure, ensuring a steady, pulse-free, and clean output. This kit is ideal for various applications including spray painting art, nail art, temporary tattoos, cake decorating, and craft painting.

The compressor is equipped with an auto start/stop function, thermal protection, and operates with low noise. Its compact design includes an easy-carry handle and rubber feet for stability on your work surface.



Image 1.1: Overview of the TIMBERTECH ABPST06 Airbrush Compressor Kit, including the compressor unit and two airbrush gun sets in their respective cases.

2. IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating the airbrush compressor. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Always operate the compressor in a well-ventilated area.
- Do not use the compressor near flammable liquids or gases.
- Ensure the power cord is not damaged and is properly grounded.
- Keep children and pets away from the operating compressor.
- Wear appropriate personal protective equipment, such as safety glasses and a respirator, when airbrushing.
- Never point an airbrush gun at yourself or others.
- Disconnect the power supply before performing any maintenance or cleaning.
- Do not modify the compressor or its components. Use only original replacement parts.
- Ensure the air pressure is released from the tank before storing or moving the compressor.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 x Air Compressor (ABPST06)
- 2 x Airbrush Sets (with various nozzles)
- 1 x Airbrush Hose
- 1 x User Manual (English)

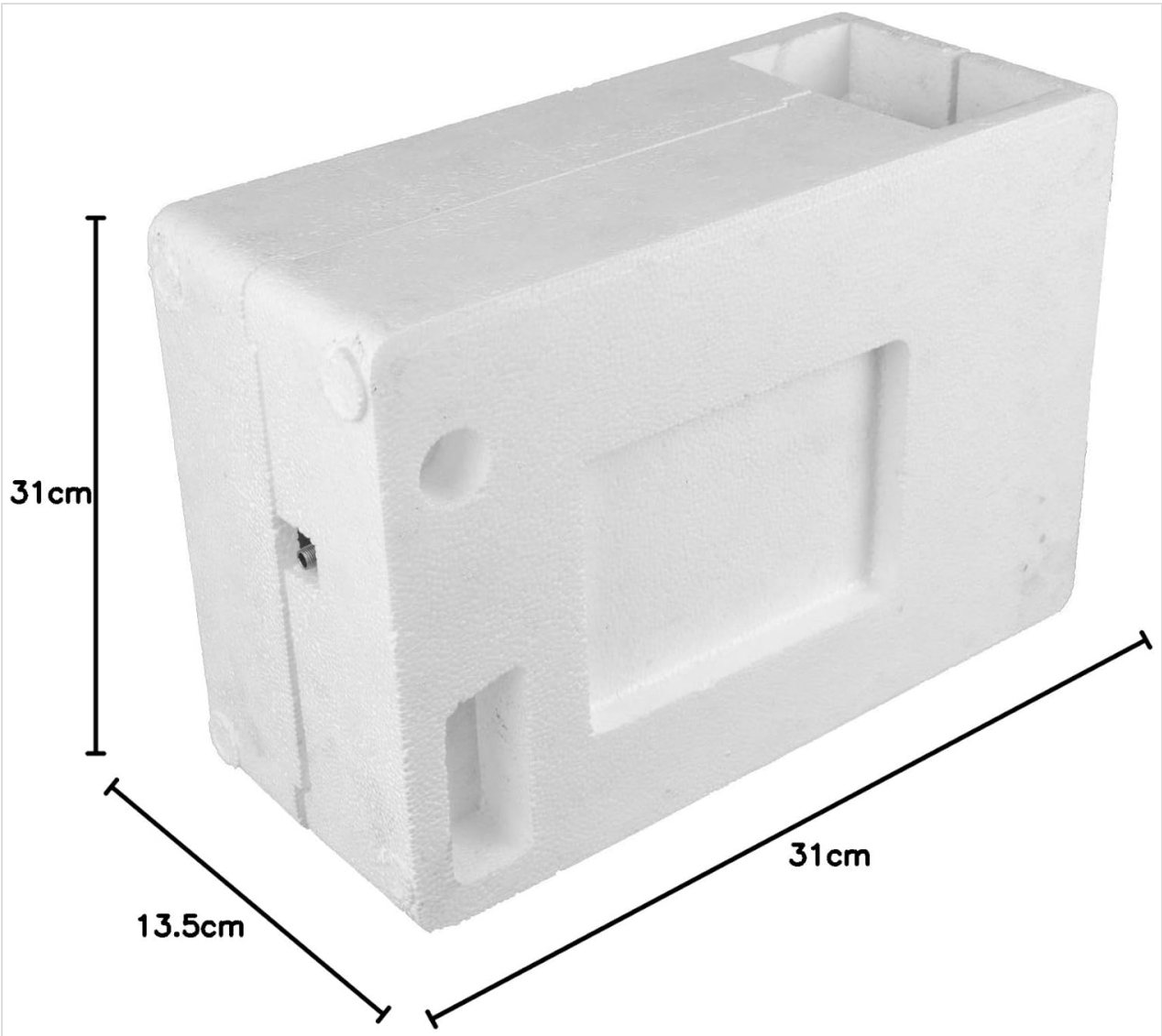


Image 3.1: All components included in the TIMBERTECH Airbrush Compressor Kit, showing the compressor, two airbrush kits, and the airbrush hose.

4. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	ABPST06
Plug Type	CA (US Plug)
Voltage	110-120V/60Hz
Speed	1700 Speed/min (60Hz)
Type	Single Cylinder Piston Compressor
Power	1/6 HP (0.17 Horsepower)
Air Flow	20-23 L/min
Air Tank Capacity	3 Liters

Feature	Specification
Auto Stop Pressure	4 bar (58 PSI)
Auto Start Pressure	3 bar (43 PSI)
Noise Level	≤ 50 dB
Connections	1/8 BSP
Material	Aluminium + Copper + Steel
Power Cable Length	Approx. 1.9 m (6.2 ft)
Item Dimensions (L x W x H)	320 x 140 x 310 mm (12.6 x 5.5 x 12.2 in)
Item Weight	4.823 kg (10.6 lb)

5. SETUP GUIDE

Follow these steps to set up your TIMBERTECH Airbrush Compressor Kit:

- Unpack Components:** Carefully remove all items from the packaging. Retain the original packaging for future storage or transport.
- Position the Compressor:** Place the compressor on a stable, level, and clean surface. Ensure there is adequate ventilation around the unit.
- Connect Air Hose:** Connect one end of the airbrush hose to the air outlet port on the compressor's pressure regulator. Ensure a secure connection.
- Connect Airbrush Gun:** Connect the other end of the airbrush hose to the air inlet of your chosen airbrush gun.
- Power Connection:** Plug the compressor's power cable into a grounded 110-120V/60Hz electrical outlet.



Image 5.1: Close-up of the compressor's front, highlighting the pressure gauge and air regulator for setup.



Image 5.2: Rear view of the compressor, showing the main power switch and power cable connection point.

6. OPERATING INSTRUCTIONS

Once the compressor is set up, follow these steps to begin airbrushing:

1. **Turn On Power:** Flip the power switch on the compressor to the 'ON' position. The compressor will start to fill the air tank until it reaches the auto-stop pressure (4 bar / 58 PSI).
2. **Adjust Air Pressure:** Use the pressure regulator knob to set the desired working air pressure. The

pressure gauge will display the current output pressure.

3. **Prepare Airbrush Gun:** Fill the airbrush gun's cup or bottle with your chosen 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 pressure.
5. **Begin Airbrushing:** Hold the airbrush gun at an appropriate distance from your surface and begin applying the medium. Adjust your technique as needed.
6. **Auto Start/Stop:** The compressor will automatically restart when the tank pressure drops below 3 bar (43 PSI) and stop when it reaches 4 bar (58 PSI), maintaining consistent pressure during operation.
7. **Shut Down:** When finished, turn off the compressor's power switch. Disconnect the airbrush gun and hose. Release any remaining air pressure from the tank by briefly opening the airbrush trigger or using the pressure release valve if available.

Airbrush Gun Operation

The kit includes two airbrush gun sets, suitable for various applications with nozzle sizes ranging from 0.2 mm to 0.8 mm. Familiarize yourself with the specific airbrush gun you intend to use. Generally, airbrush guns operate by pulling back the trigger to control both air and material flow. Practice controlling the trigger for fine lines and broad strokes.



Image 6.1: One of the included airbrush gun kits, showing the airbrush, hose, and various bottles and accessories.



Image 6.2: The second airbrush gun kit, displaying different airbrush types, nozzles, and cleaning tools.

7. MAINTENANCE AND CARE

Regular maintenance ensures the longevity and optimal performance of your airbrush compressor kit.

- **Clean Airbrush Guns:** After each use, thoroughly clean your airbrush guns to prevent clogging. Use appropriate cleaning solutions for the type of medium used. Disassemble the airbrush for deep cleaning as needed.
- **Drain Moisture Trap:** The compressor's air filter/moisture trap should be drained regularly, especially in humid environments. A small valve at the bottom of the trap allows for drainage.
- **Check Air Filter:** Periodically inspect the air filter element in the moisture trap. Replace it if it appears dirty or clogged to maintain optimal airflow.
- **Compressor Cleaning:** Wipe down the exterior of the compressor with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the compressor and airbrush guns in a clean, dry, and dust-free environment. Ensure all air pressure is released from the tank before storage.



Image 7.1: Disassembled components of an airbrush gun, illustrating parts that require regular cleaning and maintenance.

8. TROUBLESHOOTING GUIDE

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Compressor does not turn on	No power supply Power switch off Thermal overload activated	Check power outlet and cable Turn power switch ON Allow compressor to cool down
No air from airbrush	Air hose disconnected Airbrush clogged Pressure regulator set too low	Check hose connections Clean airbrush thoroughly Adjust pressure regulator to desired PSI
Inconsistent air pressure	Moisture in air line Air leaks in connections	Drain moisture trap Tighten all hose connections
Paint sputtering or uneven spray	Paint too thick Nozzle clogged Insufficient air pressure	Thin paint to proper consistency Clean airbrush nozzle Increase air pressure

Problem	Possible Cause	Solution
Compressor runs continuously	Air leak in system Pressure switch malfunction	Check all connections for leaks Contact customer support if issue persists

9. WARRANTY AND CUSTOMER SUPPORT




TIMBERTECH products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your purchase or visit the official TIMBERTECH website.




If you encounter any issues not covered in this manual or require further assistance, please contact TIMBERTECH customer support. Have your model number (ABPST06) and purchase details ready when contacting support.

For the latest product information, FAQs, and support resources, please visit the TIMBERTECH official website.

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Related Documents - ABPST06

	<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>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>