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TIMBERTECH ABPST08

Timbertech Upgraded Airbrush Compressor User Manual

Model: ABPST08

INTRODUCTION

This user manual provides comprehensive instructions for the safe and efficient operation, maintenance, and troubleshooting of your Timbertech ABPST08 Airbrush Compressor. Designed for various applications including hobby, body tattoo, model painting, automotive graphics, and make-up, this oil-free mini compressor features a cooling fan, 3L tank, regulator, and moisture trap to ensure consistent performance.

IMPORTANT SAFETY INFORMATION

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

- **Electrical Safety:** Ensure the compressor is connected to a 120-volt power supply. Do not operate the compressor with a damaged cord or plug. Keep the power cord away from heat, oil, sharp edges, or moving parts.
- **Pressure Safety:** Never exceed the maximum operating pressure of your airbrush or connected equipment. Always release air pressure from the tank before disconnecting hoses or performing maintenance.
- **Ventilation:** Operate the compressor in a well-ventilated area to prevent overheating and ensure proper air circulation.
- **Moisture Trap:** Regularly drain the moisture trap to prevent water buildup, which can damage your airbrush and affect paint quality.
- **Intended Use:** This air compressor is designed for airbrush applications only. It is not suitable for spray guns or other air tools requiring higher air volume or pressure.
- **Children and Pets:** Keep the compressor out of reach of children and pets.

PRODUCT OVERVIEW

The Timbertech ABPST08 is a compact and efficient airbrush compressor system. Below are its main components and features:



Overall View: The Timbertech ABPST08 airbrush compressor, featuring its main unit, 3L air tank, pressure regulator, and moisture trap. It is designed for portability with a built-in carry handle.



Cooling Fan: A close-up view of the integrated cooling fan, designed to reduce the compressor's operating temperature and extend its lifespan.

Double Heat Dissipation Better Effect



Double Heat Dissipation: Illustrates both the cooling fan and the fin design on the compressor head, working together for efficient heat dissipation.



Pure Copper Coil Motor: An internal view highlighting the pure copper coil motor, which ensures stable operation and high efficiency.

- **Oil-Free Piston:** Maintenance-free design, eliminating the need for oil.
- **3L Receiver Tank:** Provides pulse-free output and allows the compressor to cycle less frequently, extending its life.
- **Pressure Regulator:** Industrial-type regulator with a gauge for precise pressure control.
- **Moisture Trap:** Filters out moisture from the air, ensuring clean, dry air for your airbrush.
- **Cooling Fan:** Reduces compressor temperature during operation.
- **Quiet Operation:** Operates at approximately 50 dB, suitable for home use.
- **Automatic Shut-Off:** The compressor automatically turns off when the tank reaches its set pressure and restarts when pressure drops.

Follow these steps for initial setup of your compressor:

1. **Unpacking:** Carefully remove the compressor from its packaging. Inspect for any damage during transit. The unit is typically secured within protective foam inserts.



The compressor is protected by custom-fit foam packaging during shipping.

2. **Placement:** Place the compressor on a stable, level surface. The unit features suction pads on its feet for enhanced stability and to reduce vibration and noise.



Suction Pad For Stability

Reject micro shift, effectively reduce noise

Press Up To Drain The Water

Water trap filter ensures clean dry air and has an easy release drain valve



Do not press this drain button when the machine is working or when the pressure cutoff stops

The base of the compressor features suction pads for stability, minimizing movement and noise during operation.

3. **Connect Air Hose:** Connect your airbrush hose to the outlet on the pressure regulator. Ensure a secure connection to prevent air leaks. The compressor's outlet is compatible with standard 1/8-inch airbrush hoses.
4. **Power Connection:** Plug the compressor's power cord into a grounded 120-volt electrical outlet.

OPERATING INSTRUCTIONS

Operating your Timbertech airbrush compressor is straightforward:

1. **Power On:** Flip the power switch located on the compressor to the "ON" position. The compressor will begin to fill the air tank until it reaches its maximum pressure and then automatically shut off.
2. **Adjust Pressure:** To adjust the output air pressure, pull up the knob on the pressure regulator (Step 1 in image) and rotate it clockwise to increase pressure or counter-clockwise to decrease pressure (Step 2 in image). Read the desired pressure from the gauge. Once set, push the knob down to lock the setting.



**Pull The Knob Up
And Rotate**

**Read from the gauge and
choose the level you need**

To adjust pressure, pull the knob up, rotate to the desired setting, and then push down to lock.

3. **Begin Airbrushing:** Once the desired pressure is set, you can begin using your airbrush. The compressor will automatically restart when the pressure in the tank drops below a certain threshold and stop once it's refilled.
4. **Power Off:** When finished, turn off the power switch. It is recommended to release any remaining air pressure from the tank by briefly pressing the airbrush trigger or opening the drain valve on the moisture trap.

MAINTENANCE

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

- **Drain Moisture Trap:** Water condensation will accumulate in the moisture trap. Regularly drain this water by pressing the drain button or valve at the bottom of the trap. Do not press this button when the machine is working or when the pressure cutoff stops, only when the compressor is off and depressurized.



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Press Up To Drain The Water

Water trap filter ensures clean dry air and has an easy release drain valve



Do not press this drain button when the machine is working or when the pressure cutoff stops

Press the button at the bottom of the moisture trap to drain accumulated water.

- **Clean Exterior:** Wipe down the exterior of the compressor with a damp cloth to remove dust and debris. Do not use harsh chemicals or abrasive cleaners.
- **Air Filter:** Periodically check the air filter on the compressor's intake. Clean or replace if it appears dirty or clogged to ensure proper airflow.
- **Storage:** Store the compressor in a clean, dry environment when not in use.

TROUBLESHOOTING

Here are solutions to common issues you might encounter:

Problem	Possible Cause	Solution
Compressor does not turn on.	No power, power switch off, thermal overload.	Check power connection and outlet. Ensure power switch is ON. Allow compressor to cool down if it has overheated.
Low or no air pressure.	Regulator set too low, air leaks, clogged air filter, moisture trap full.	Adjust pressure regulator. Check all hose connections for leaks. Clean or replace air filter. Drain moisture trap.
Compressor runs constantly.	Air leak in system, pressure switch malfunction.	Check all connections for air leaks. If problem persists, contact customer support.
Excessive noise or vibration.	Loose components, unstable surface.	Ensure all components are secure. Place compressor on a stable, level surface.

SPECIFICATIONS

Feature	Detail
Brand	TIMBERTECH
Model Name	ABPST08
Voltage	120 Volts
Power Source	Corded Electric
Noise Level	50 dB
Capacity	3 Liters
Air Flow Capacity	23 LPM (Liters Per Minute)
Motor Horsepower	0.17 Horsepower
Item Weight	11.44 pounds (5.2 Kilograms)
Product Dimensions (L x W x H)	12.6" x 5.5" x 12.2"
Special Features	Automatic Shut-Off, Portable, Cooling Fan, Moisture Trap
Recommended Uses	Spraying (Airbrush applications)

WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please refer to the manufacturer's official website or contact Timbertech customer service directly. Keep your purchase receipt as proof of purchase.

Manufacturer: AIRGOO