

- Manuals.plus /
- › MaxWorks /
 - › MaxWorks 5 Gallon 140 PSI Portable Air Tank (Model 51010) User Manual

MaxWorks 51010

MaxWorks 5 Gallon 140 PSI Portable Air Tank

Model: 51010 - User Manual

- Information
- Setup
- Operating
- Maintenance
- Overview
- Safety
- Troubleshooting
- Specifications
- Warranty & Support

1. PRODUCT OVERVIEW

The MaxWorks 5 Gallon 140 PSI Portable Air Tank, Model 51010, provides a convenient and portable solution for compressed air needs. Its compact design and integrated handle facilitate easy transport. Constructed from durable materials, this air tank is designed for longevity and includes a reinforced 3.3 ft PVC air hose for reliable performance. The integrated pressure gauge offers clear readings in both PSI and MPa, and a 140 PSI safety valve ensures safe operation within recommended pressure limits. The 1/4" NPT 40-inch industrial hose and chuck enable quick and secure connections to various air tools.

Product Size



Image 1.1: Front view of the MaxWorks 5 Gallon Portable Air Tank.

Precision Pressure Monitoring



The air tank is equipped with an easy-to-read pressure gauge that displays readings in both PSI and MPa, along with a 140 PSI safety valve that guarantees safe operation within the recommended pressure limits.

Image 1.2: The portable air tank being carried, highlighting its compact design and built-in handle for easy transport.

2. SAFETY INFORMATION

Read and understand all safety warnings and instructions before operating this air tank. Failure to follow these instructions may result in serious injury or property damage.

- **Eye Protection:** Always wear ANSI-approved safety goggles when using this product.
- **Hearing Protection:** Use hearing protection in noisy environments.
- **Pressure Hazard:** Compressed air can be dangerous. Never exceed the maximum operating pressure of 140 PSI.
- **Tank Integrity:** Do not modify, puncture, or expose the tank to excessive heat. Do not weld or repair the tank.
- **Hose and Connections:** Ensure all hoses and connections are securely fastened before use. Inspect for damage regularly.
- **Children and Bystanders:** Keep children and bystanders away from the operating area.
- **Ventilation:** Use in a well-ventilated area.
- **Draining:** Regularly drain condensation from the tank to prevent corrosion and maintain tank integrity.

3. SETUP INSTRUCTIONS

1. **Unpack:** Carefully remove the air tank and all components from its packaging.
2. **Inspect:** Examine the air tank, hose, gauge, and connections for any signs of damage during shipping. Do not use the product if any damage is observed.
3. **Connect Hose:** Ensure the reinforced PVC air hose is securely attached to the tank's outlet port and the air chuck is firmly attached to the hose.
4. **Initial Fill:** Before first use, connect the air tank to an external air compressor using the appropriate adapter (not

included, if different from the tank's inlet). Fill the tank slowly, monitoring the pressure gauge. Do not exceed 140 PSI.

4. OPERATING INSTRUCTIONS

4.1 Filling the Air Tank

1. Ensure the air tank's valve is in the "OFF" position before connecting to an air compressor.
2. Connect your air compressor's hose to the tank's inlet valve.
3. Turn on your air compressor and begin filling the tank.
4. Monitor the integrated pressure gauge. Stop filling when the desired pressure is reached, ensuring it does not exceed the maximum of 140 PSI. The safety valve will activate if pressure exceeds safe limits.
5. Disconnect the air compressor hose.



Image 4.1: Detail of the pressure gauge, displaying readings in PSI and MPa, and the 140 PSI safety valve.

4.2 Using the Air Tank

1. Transport the filled air tank to your desired location using the built-in handle.
2. Connect the air chuck to the valve stem of the item you wish to inflate (e.g., tire, sports equipment).
3. Turn the air tank's valve to the "ON" position to release compressed air.
4. Monitor the inflation process and the pressure gauge on the tank.
5. Once the desired pressure is achieved, turn the air tank's valve to the "OFF" position and disconnect the air chuck.



Image 4.2: The portable air tank connected to a car tire for inflation, demonstrating effortless tool connections.

5. MAINTENANCE

- **Drain Condensation:** Regularly drain any accumulated moisture from the tank. Water inside the tank can lead to rust and reduce its lifespan. Locate the drain valve (typically at the bottom of the tank), open it to release water, and then close it securely.
- **Inspect Hose and Connections:** Before each use, check the air hose for cuts, cracks, or wear. Ensure all connections are tight and free from leaks. Replace damaged components immediately.
- **Clean:** Wipe down the exterior of the tank with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the air tank in a cool, dry place, away from direct sunlight and extreme temperatures. Release all air pressure from the tank before long-term storage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Air tank does not hold pressure.	Loose connections, damaged hose, faulty valve.	Check all connections for tightness. Inspect the hose for damage and replace if necessary. Ensure the tank's main valve is fully closed. If the issue persists, contact customer support.
Pressure gauge not working.	Gauge is damaged or obstructed.	Ensure there is pressure in the tank. If the gauge still shows no reading or an incorrect reading, it may be damaged and require replacement.
Air flow is weak or inconsistent.	Low tank pressure, kinked hose, obstructed air chuck.	Refill the tank to the appropriate pressure. Check the hose for kinks or blockages. Ensure the air chuck is clean and functioning correctly.

For issues not listed above or if solutions do not resolve the problem, please contact MaxWorks Customer Support.

7. PRODUCT SPECIFICATIONS

Portable and Convenient

“

This lightweight 5-gallon air tank features a compact design with a built-in handle, making it easy to carry and transport compressed air wherever you need it, whether at home or on the go.



Image 7.1: Product dimensions, showing the tank is approximately 15 inches long, 10 inches in diameter, and 12 inches high.

Feature	Detail
Brand	MaxWorks
Model Number	51010
Capacity	5 Gallons
Maximum Pressure	140 PSI
Hose Length	3.3 feet (40 inches)
Item Weight	14.3 pounds
Included Components	Air Tank, Reinforced PVC Air Hose, Pressure Gauge, Air Chuck
Special Features	Portable design, Built-in carry handle, Integrated pressure gauge, 140 PSI safety valve

Feature	Detail
UPC	810171600103

8. WARRANTY INFORMATION

MaxWorks products are manufactured to high-quality standards and are warranted against defects in materials and workmanship. Specific warranty terms and duration may vary. Please retain your proof of purchase for warranty claims. For detailed warranty information, please refer to the documentation included with your product or contact MaxWorks Customer Support.

9. CUSTOMER SUPPORT

If you have any questions, require assistance, or need to report a problem with your MaxWorks 5 Gallon Portable Air Tank, please contact our customer support team. For the most up-to-date contact information, please visit the official MaxWorks website or refer to your product packaging.

Online: [Visit the MaxWorks Store on Amazon](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B0DDVN3N5M>

More documents and user manuals: <https://manuals.plus/>