ATL SA115

ATL SA115 Saver Cells - 15 Gallon Fuel Cell User Manual

Model: SA115

Introduction

This manual provides essential information for the safe and effective use of your ATL SA115 Saver Cells 15 Gallon Fuel Cell. Please read this manual thoroughly before installation and operation to ensure proper function and safety.
The ATL SA115 is a high-quality, durable fuel cell designed for various applications requiring a reliable fuel storage solution. It features an 8 AN outlet and 6 AN return/vent, constructed from foam and plastic for optimal performance.

Safety Information

WARNING: Improper installation or use of this fuel cell can lead to serious injury or death. Always adhere to all local and national safety regulations and guidelines.

- **FIRE DANGER:** Fuel is highly flammable. Keep away from open flames, sparks, and heat sources. Ensure adequate ventilation during installation and operation.
- **INSTALL IN A METAL CONTAINER:** For maximum safety and compliance, this fuel cell**must be installed within a rigid metal container or enclosure**. This provides crucial protection in the event of an impact or rupture.
- Ensure all fuel lines and connections are secure and leak-free.
- Do not overfill the fuel cell. Allow for thermal expansion.
- Always use appropriate personal protective equipment (PPE) when handling fuel or working with the fuel system.
- Consult with a qualified professional if you are unsure about any aspect of installation or operation.



Image: The ATL SA115 15 Gallon Saver Fuel Cell. This image shows the black plastic fuel cell with its top-mounted blue and red cap assembly, clearly indicating the "INSTALL IN A METAL CONTAINER" warning and other important labels.

Setup and Installation

Proper installation is critical for the performance and safety of your ATL SA115 fuel cell. Follow these general guidelines:

1. **Preparation:** Ensure the installation area is clean, well-ventilated, and free from ignition sources. Gather all necessary tools and components.
2. **Mounting:** The fuel cell must be securely mounted within a rigid metal container or enclosure. Use appropriate mounting straps or brackets to prevent movement during operation. Ensure the container provides adequate protection from external forces.
3. **Fuel Line Connections:** Connect the 8 AN outlet line to your fuel system's supply. Connect the 6 AN return/vent line. Ensure all fittings are tightened to manufacturer specifications to prevent leaks. Use fuel-resistant thread sealant if recommended.
4. **Ventilation:** The fuel cell requires proper venting to prevent pressure buildup. Ensure the vent line is routed safely away from heat sources and potential ignition points, typically to a charcoal canister or an approved vent system.
5. **Grounding:** Ensure the fuel cell and its surrounding metal container are properly grounded to prevent static electricity buildup.
6. **Leak Check:** After installation, perform a thorough leak check before filling the fuel cell.

Operating Instructions

Once installed, operating the ATL SA115 is straightforward:

- **Filling:** Fill the fuel cell slowly to prevent splashing and static buildup. Do not fill beyond 90% capacity to allow for fuel expansion. Always use the correct type of fuel for your application.
- **Regular Checks:** Periodically inspect the fuel cell, lines, and connections for any signs of wear, damage, or leaks. Address any issues immediately.
- **Transportation:** If transporting the fuel cell, ensure it is securely fastened and properly vented.

Maintenance

Regular maintenance will extend the life of your ATL SA115 fuel cell:

- **Cleaning:** Keep the exterior of the fuel cell clean. Avoid using harsh chemicals that could damage the plastic material.
- **Inspection:** Annually inspect the internal foam (if applicable) for degradation. Replace if necessary according to manufacturer guidelines.
- **Fittings:** Check all AN fittings and hose clamps for tightness and signs of corrosion. Replace worn or damaged components.
- **Storage:** If storing the fuel cell for an extended period, drain all fuel and clean thoroughly. Store in a cool, dry, well-ventilated area away from direct sunlight and ignition sources.

Troubleshooting

This section addresses common issues you might encounter:

Problem	Possible Cause	Solution
Fuel Leakage	Loose fittings, damaged lines, cracked cell.	Tighten all fittings. Inspect and replace damaged lines or the fuel cell if cracked.
Fuel System Pressure Issues	Blocked vent line, faulty fuel cap.	Check and clear the vent line. Inspect or replace the fuel cap.
Unusual Odor	Minor fuel vapor escape, small leak.	Ensure proper ventilation. Re-check all connections for very small leaks.

If you encounter issues not listed here or if solutions do not resolve the problem, contact ATL customer support or a qualified technician.

Specifications

Attribute	Detail
Model Number	SA115
Capacity	15 Gallons
Dimensions (L x W x H)	24.1 x 10.5 x 18.3 inches
Item Weight	20.65 Pounds

Attribute	Detail
Outlet Size	8 AN
Return/Vent Size	6 AN
Material	Foam, Plastic
Manufacturer	ATL FUEL CELLS

Warranty and Support

For specific warranty information regarding your ATL SA115 Saver Cells fuel cell, please refer to the documentation provided with your purchase or visit the official ATL FUEL CELLS website. Warranty terms and conditions typically cover manufacturing defects and material flaws for a specified period.

For technical support, parts, or service inquiries, please contact ATL FUEL CELLS directly through their official customer service channels. Always provide your product model number (SA115) and purchase details when seeking support.

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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

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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