

METER STAR Low Pressure 1lb Griddle Regulator

METER STAR Low Pressure 1lb Griddle Regulator Instruction Manual

For Blackstone 17" and 22" Tabletop Griddles

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your METER STAR Low Pressure 1lb Griddle Regulator. This regulator is specifically designed to connect a 1lb disposable propane cylinder to Blackstone 17-inch and 22-inch tabletop griddles, allowing for convenient portable grilling.

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before installation and use. Failure to follow these instructions could result in fire, explosion, or serious injury.

- This regulator is only suitable for Blackstone 17-inch and 22-inch tabletop griddles. Do not use with any other grills or appliances.
- Ensure the regulator is used only with low-pressure systems.
- Always check for gas leaks after connecting the regulator and propane cylinder. Use a soapy water solution to detect leaks; never use an open flame.
- If using an extension hose with a QCC and 1"-20unef male fitting to connect to a 5-40lbs cylinder tank, ensure gas flows properly through the hose. The tank adapter may have an internal flow-limiting safety device that occasionally requires resetting.
- Keep the regulator and propane cylinder away from high temperatures and open flames.
- Store propane cylinders in a well-ventilated area, away from direct sunlight and heat sources.

3. PRODUCT OVERVIEW

The METER STAR Low Pressure 1lb Griddle Regulator is constructed from high-quality zinc alloy and solid brass, ensuring durability and a secure, sealed connection. Its design includes an elbow manifold to protect against high temperatures from the grill.

Components:

- Regulator body (zinc alloy)
- Brass fitting for 1lb propane cylinder connection
- Elbow manifold with connection to griddle



Image 3.1: METER STAR Low Pressure 1lb Griddle Regulator.



Image 3.2: Side view of the regulator, showing the Meter Star branding on the arm.



Image 3.3: Another side view of the regulator, highlighting the connection points.

4. SPECIFICATIONS

Feature	Specification
Gas Flow	25,000 BTU/hr
Outlet Pressure	11" W.C.
Material	Zinc alloy and solid brass
Package Dimensions	5.83 x 3.74 x 2.68 inches
Item Weight	7 ounces
Compatibility	Blackstone 17" and 22" Tabletop Griddles

5. SETUP INSTRUCTIONS

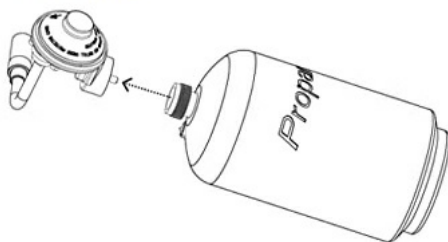
Follow these steps to properly connect the METER STAR Low Pressure 1lb Griddle Regulator to your Blackstone tabletop griddle and a 1lb propane cylinder.

- 1. Connect Regulator to Propane Cylinder:** Screw the 1lb propane bottle into the gas regulator. Turn the tank clockwise until it is securely tightened.
- 2. Connect Regulator to Griddle:** Insert the gas regulator and the attached propane tank into the gas line of the

griddle. Turn the collar of the gas regulator clockwise to secure it to the griddle's gas line. Ensure a tight, leak-free connection.

STEP 1

Screw in the LP bottle into the gas regulator, turning the tank clockwise.



The LP bottle should look like the picture below when properly connected to the regulator.



STEP 2

Insert the gas regulator and tank into the gas line of the griddle, turn the collar of the gas regulator clockwise to secure it to the gas line.

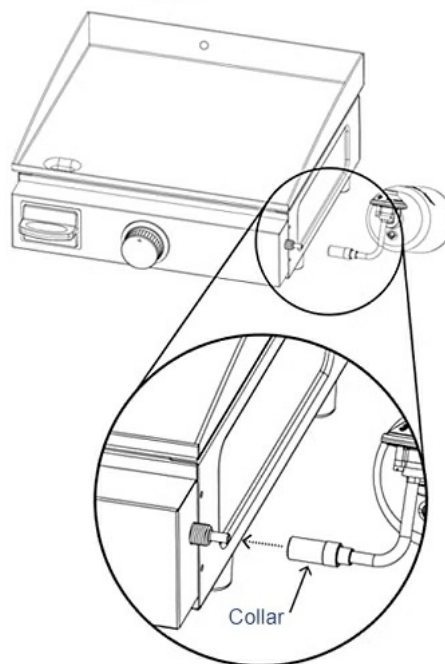


Image 5.1: Visual guide for connecting the regulator to the propane bottle and griddle.



Image 5.2: The regulator and 1lb propane tank connected to a Blackstone griddle setup on a cart.



Image 5.3: Close-up view of the regulator connected to the griddle and propane tank.

Video Guide:

Your browser does not support the video tag.

Video 5.1: This video demonstrates the installation and usage of the METER STAR Low Pressure 1lb Griddle Regulator, showing how to connect it to a propane tank and a griddle.

6. OPERATING INSTRUCTIONS

Once the regulator and propane cylinder are securely connected to your griddle, you can proceed with operating your griddle according to its manufacturer's instructions. Ensure all connections are tight and there are no gas leaks before igniting the griddle.

7. MAINTENANCE

To ensure the longevity and safe operation of your METER STAR regulator, perform the following maintenance checks:

- Regularly inspect the regulator and all connections for any signs of wear, damage, or corrosion.
- Clean the exterior of the regulator with a damp cloth as needed. Do not use harsh chemicals or abrasive cleaners.
- Before each use, check for gas leaks using a soapy water solution. Apply the solution to all connections; if bubbles appear, there is a leak. Tighten connections or replace parts as necessary.
- Store the regulator in a clean, dry place when not in use, detached from the propane cylinder and griddle.

8. TROUBLESHOOTING

If you encounter issues with your METER STAR Low Pressure 1lb Griddle Regulator, consider the following:

- **No Gas Flow or Low Pressure:** If gas is not flowing properly or the pressure is low, ensure all connections are tight. The 1lb propane tank adapter may have an internal flow-limiting safety device that can occasionally require resetting. Disconnect and reconnect the tank to reset it.
- **Gas Leak Detection:** If you smell gas, immediately turn off the propane supply. Use a soapy water solution on all connections. Bubbles indicate a leak. Tighten the connection or replace the faulty part. Never use an open flame to check for leaks.
- **Incompatibility:** This regulator is designed exclusively for Blackstone 17" and 22" tabletop griddles. Ensure you are not attempting to use it with other grill models.

If problems persist after following these troubleshooting steps, please contact customer service.

9. WARRANTY AND SUPPORT

For any issues, questions, or concerns regarding your METER STAR Low Pressure 1lb Griddle Regulator, please contact METER STAR customer service. While specific warranty details are not provided in this manual, our support team is available to assist you with product-related inquiries and troubleshooting.

Please refer to your purchase documentation or the METER STAR website for the most current warranty information and contact details.

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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