

- Manuals.plus /
- › Qnbes /
 - › Instruction Manual: Qnbes Power Circuit Board (9907160013)

Qnbes Replace 9907160013

Instruction Manual: Qnbes Power Circuit Board (9907160013)

Replacement Part for Masterbuilt Digital Electric Smokers

- Product Overview
- Safety Information
- Compatibility
- Installation
- Operation Check
- Maintenance
- Troubleshooting
- Specifications
- Support

1. PRODUCT OVERVIEW

This manual provides instructions for the installation and use of the Qnbes Power Circuit Board, replacement part number 9907160013. This component is designed to restore functionality to compatible Masterbuilt Digital Electric Smokers. The circuit board is constructed from high-quality, durable materials engineered to withstand long-term use and high-temperature environments. Each unit undergoes precise manufacturing and strict testing to ensure stable performance and reliability.

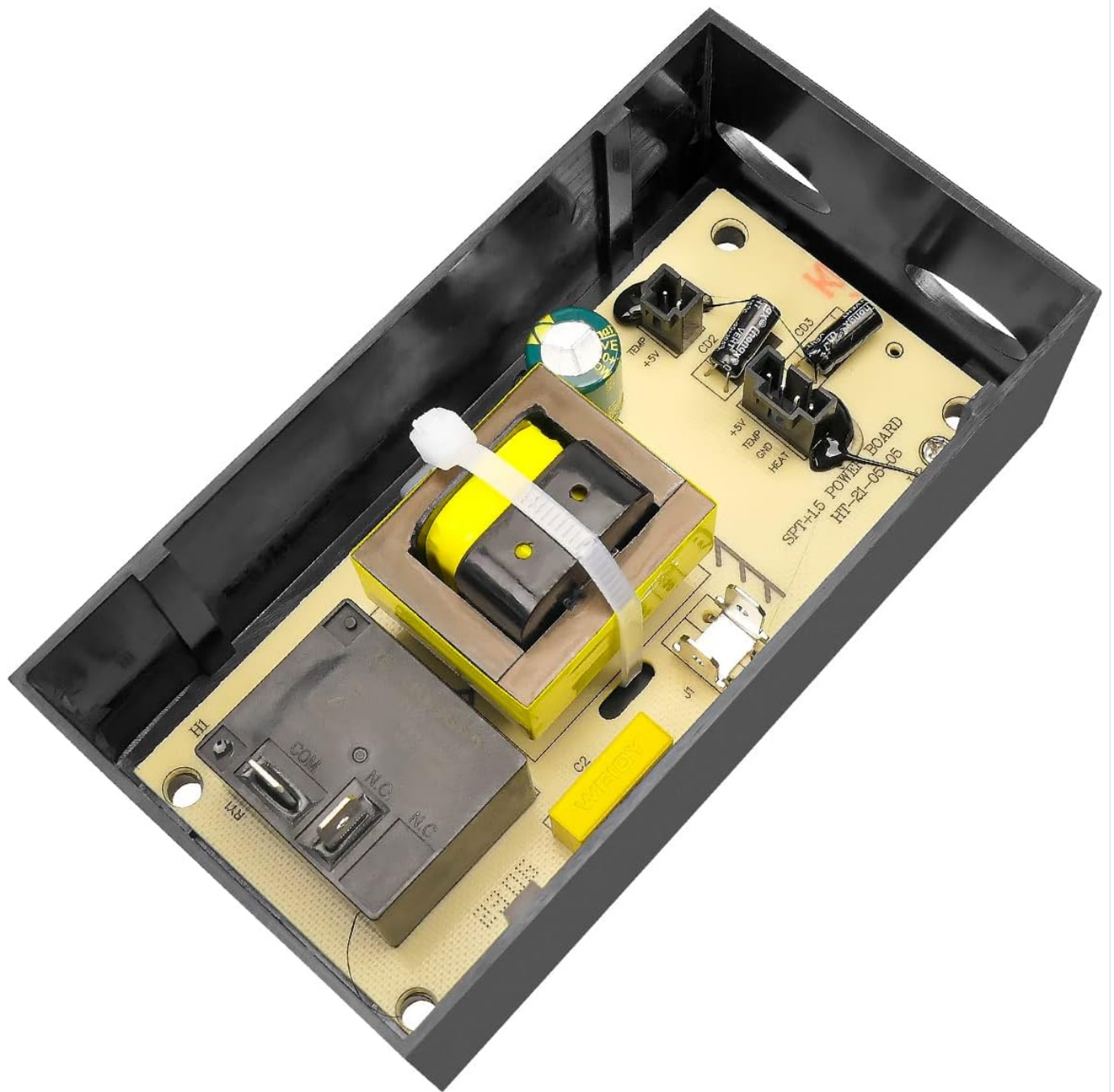


Figure 1: The Qnbes Power Circuit Board (9907160013) for Masterbuilt Digital Electric Smokers. This image shows the overall view of the circuit board housed within its protective casing.

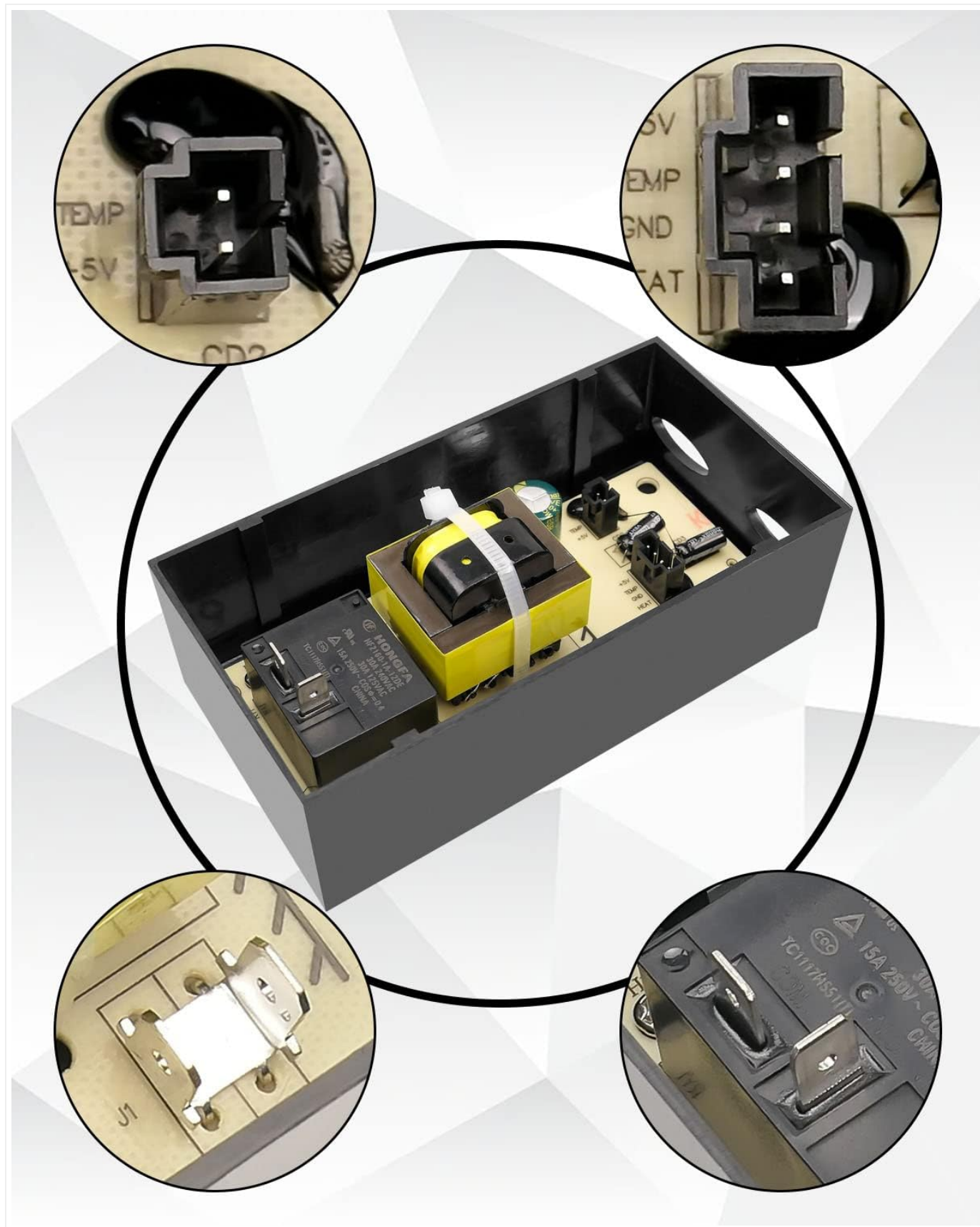


Figure 2: Detailed view of the Qnbes Power Circuit Board, highlighting key components such as the transformer, relay, and various connectors. This image emphasizes the precision and quality of the internal parts.

2. SAFETY INFORMATION

Always prioritize safety when working with electrical components. Failure to follow these safety guidelines may result in injury or damage to the appliance.

- **Disconnect Power:** Before beginning any installation or maintenance, ensure the Masterbuilt Digital Electric Smoker is completely unplugged from the electrical outlet.
- **Allow Cooling:** Verify that the smoker has completely cooled down before handling any internal components.
- **Handle with Care:** The edges of the device and internal components may be sharp. Wear appropriate protective gloves to avoid injury during handling and installation.
- **Professional Installation Recommended:** If you are unsure about any step of the installation process, it is recommended to seek assistance from a qualified technician.

3. COMPATIBLE MODELS

This Qnbes Power Circuit Board (replacement part 9907160013) is compatible with a wide range of Masterbuilt Digital Electric Smokers. Please verify your smoker's model number against the list below to ensure compatibility.

Compatible Masterbuilt Digital Electric Smoker Models:

MB20070619

MB20071117

MB20071418

MB20071518

MB20071619

MB20071819

MB21071218

MB21072319

MB21072719

MB21072918

MB25071217

MB26071317

MB28071517

MB20072318

MB20072518

MB20072918

MB20073018

MB20077818

20071117

20071217

20071218

20071317

20071417

20071517

20071819

21071218

21072719

20072318

20074517

SH19079518

Es230B

COMPATIBLE MODELS

Compatible with Masterbuilt digital electric smokers:

**20071117, 20071217, 20071218, 20071317, 20071417,
20071517, 20071819, 20072318, 20074517, 21071218,
21072719, MB20070619, MB20071117, MB20071418, etc**



Figure 3: Visual representation of compatible Masterbuilt Digital Electric Smokers, emphasizing the fit of the replacement power circuit board.

4. INSTALLATION INSTRUCTIONS

This section outlines the steps for replacing the power circuit board in your Masterbuilt Digital Electric Smoker. Please read all instructions carefully before proceeding.

What's Included:

- 1 x Qnbcs Power Circuit Board (Replacement Part 9907160013)

Required Tools (Not Included):

- Screwdriver set (Phillips and/or flathead, depending on your smoker model)
- Protective gloves

Installation Steps:

1. Prepare the Smoker:

- Ensure the Masterbuilt Digital Electric Smoker is completely unplugged from the power source.
- Allow the smoker to cool down completely if it has been in use.
- Move the smoker to a well-lit, stable work area.

2. Locate the Existing Power Board:

- The power circuit board is typically located in the bottom section of the smoker. You may need to remove a protective panel or access cover.
- Carefully remove any screws or fasteners securing the access panel.

3. Disconnect the Old Board:

- Before disconnecting, take a photo of the existing wiring connections for reference. This will help ensure correct reassembly.
- Carefully disconnect all electrical connectors and wires from the old power circuit board. Note the position of each wire.
- Remove any screws or clips holding the old board in place.
- Gently lift and remove the old power circuit board.

4. Install the New Board:

- Position the new Qnbcs Power Circuit Board (9907160013) in the same location as the old one.
- Secure the new board with the screws or clips that were removed previously.
- Carefully reconnect all electrical connectors and wires to the new board, referring to your reference photo if needed. Ensure all connections are secure and properly seated. Pay particular attention to any loose electrical clip connectors, as these can cause issues (as noted in customer reviews).

5. Reassemble the Smoker:

- Replace the access panel or protective cover, securing it with its original screws or fasteners.
- Ensure all tools and loose parts are removed from the smoker's interior before closing.

Part Number 9907160013



Figure 4: The Qnbes Power Circuit Board shown in context, next to a Masterbuilt Digital Electric Smoker, illustrating its intended application.

Video 1: An overview of the Qnbes Power Circuit Board. This video provides a visual demonstration of the product, showcasing its design and features, which can be helpful for understanding its physical characteristics before installation.

5. POST-INSTALLATION OPERATION CHECK

After successfully installing the new power circuit board, perform the following checks to ensure proper functionality:

1. **Reconnect Power:** Plug the Masterbuilt Digital Electric Smoker back into a grounded electrical outlet.
2. **Power On:** Turn on the smoker using its control panel.
3. **Verify Display:** Check if the digital display illuminates and shows normal readings.
4. **Test Functions:**
 - Attempt to set a temperature and observe if the heating element activates.
 - If applicable, test other functions like the timer or internal light.
5. **Monitor Initial Operation:** Allow the smoker to run for a short period to ensure stable operation and no unusual smells or sounds.

If the smoker powers on and functions as expected, the installation was successful. If issues persist, refer to the Troubleshooting section.

6. MAINTENANCE

The Qnbès Power Circuit Board is designed for durability and stable performance. As a sealed electronic component, it requires minimal maintenance. However, general care of your Masterbuilt Digital Electric Smoker can help prolong the life of all its components, including the power board.

- **Keep Dry:** Ensure the smoker's electrical components, especially the area where the power board is housed, remain dry and free from moisture.
- **Clean Connections:** Periodically inspect electrical connections for any signs of corrosion or looseness. Ensure all clip connectors are tightly seated.
- **Protect from Pests:** Keep the smoker in an area where it is protected from rodents or insects that could damage wiring or components.
- **Avoid Overloading:** Do not overload the smoker's electrical system by connecting incompatible accessories or exceeding its rated power.

7. TROUBLESHOOTING

If you encounter issues after installing the Qnbès Power Circuit Board, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Smoker does not power on after installation.	Loose electrical connections. Incorrect wiring. Power outlet issue. Other component failure (e.g., control module).	Ensure all wires are securely connected to the new board. Refer to your installation photos. Verify the smoker is plugged into a working outlet. Check the smoker's main control module if the power board replacement did not resolve the issue.
Smoker powers on but functions are erratic or not working.	Partial loose connection. Damage during installation.	Double-check all connections for tightness. Ensure no wires are pinched or damaged. Re-verify compatibility with your specific smoker model.
New board appears damaged or faulty upon arrival.	Manufacturing defect or shipping damage.	Contact Qnbès customer support immediately for assistance or replacement.

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

If the problem persists after attempting these solutions, please contact Qnbes customer support for further assistance.

8. PRODUCT SPECIFICATIONS

Attribute	Detail
Model Number	Replace 9907160013
Brand	Qnbes
Part Number Replaced	9907160013
Material	Stainless Steel (<i>Note: This likely refers to internal components or casing, as the board itself is PCB.</i>)
Power Source	Electric
Fuel Type	Electric
Item Weight	8.8 ounces (0.25 Kilograms)
Package Dimensions	5.83 x 3.03 x 2.28 inches
Country of Origin	China

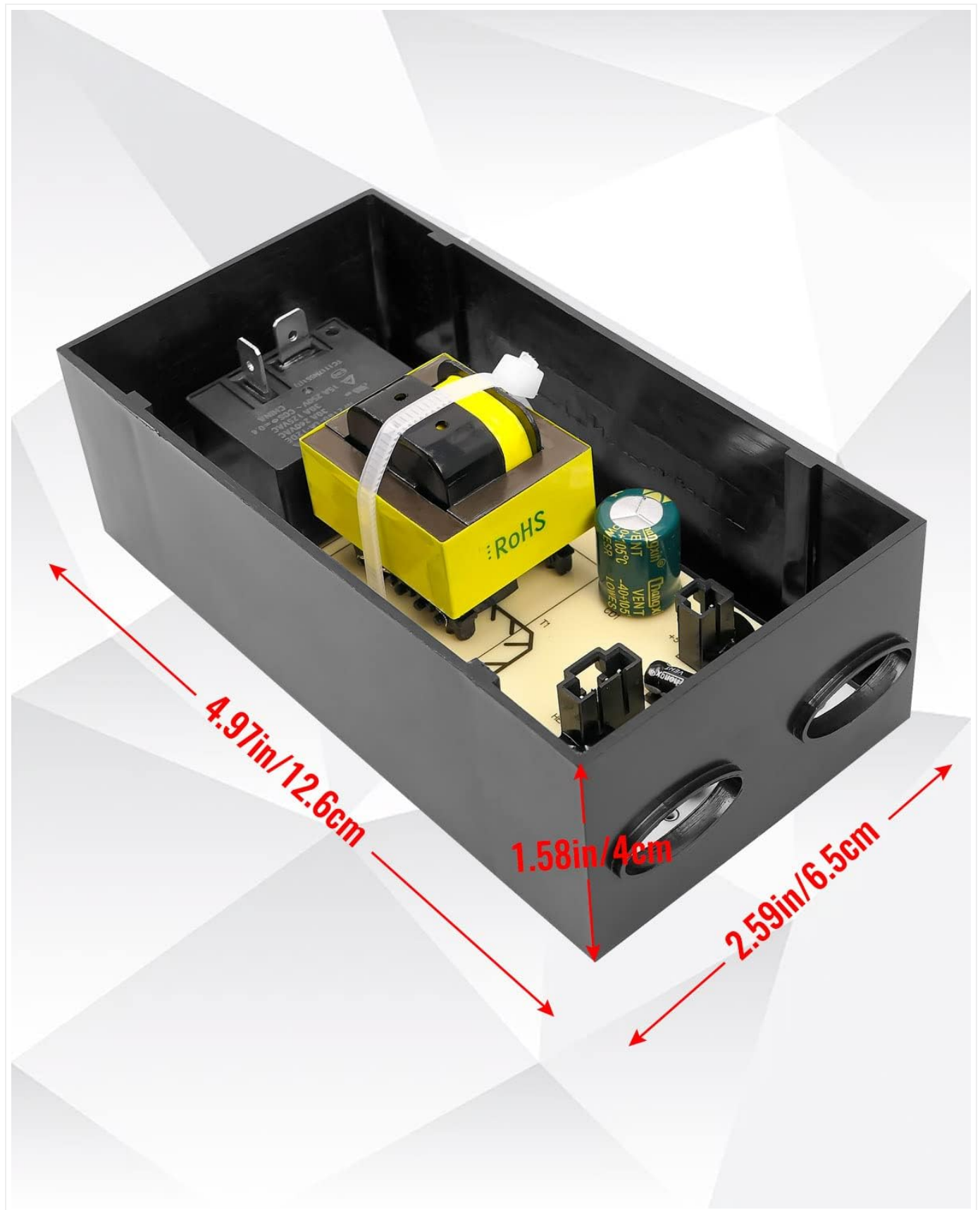


Figure 5: Physical dimensions of the Qnbes Power Circuit Board, providing measurements for accurate fit and replacement.

9. WARRANTY AND SUPPORT

Qnbes is committed to providing high-quality products and excellent customer service. While specific warranty details are not provided in this manual, we stand by the quality of our Power Circuit Board.

If you have any questions regarding the installation, operation, or compatibility of your Qnbes Power Circuit Board, or if you encounter any issues, please do not hesitate to contact our professional technical support team. We are dedicated to

assisting you and ensuring your satisfaction.

For support, please refer to the contact information provided with your purchase or visit the official Qnbes website.

© 2025 Qnbes. All rights reserved. Masterbuilt is a registered trademark of Masterbuilt Manufacturing, LLC.

This manual is for informational purposes only. Qnbes is not affiliated with Masterbuilt Manufacturing, LLC.

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/B0BY8Z5WKL>

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