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› [EasiBBQ](#) /

› EasiBBQ Replacement Emitter Plates for Charbroil TRU-Infrared Grills User Manual

EasiBBQ E5S082-2

EasiBBQ Replacement Emitter Plates for Charbroil TRU-Infrared Grills User Manual

Model: E5S082-2

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your EasiBBQ Replacement Emitter Plates for Charbroil TRU-Infrared Grills. These high-quality replacement parts are designed to restore and enhance the performance of your compatible Charbroil grill, ensuring even heat distribution and improved cooking results.

2. PRODUCT OVERVIEW

The EasiBBQ emitter plates are crafted from stamped porcelain steel, offering excellent resistance to corrosion and wear. Their design features numerous small holes across the surface, which are crucial for the TRU-Infrared grilling system's ability to distribute heat uniformly across the cooking surface.

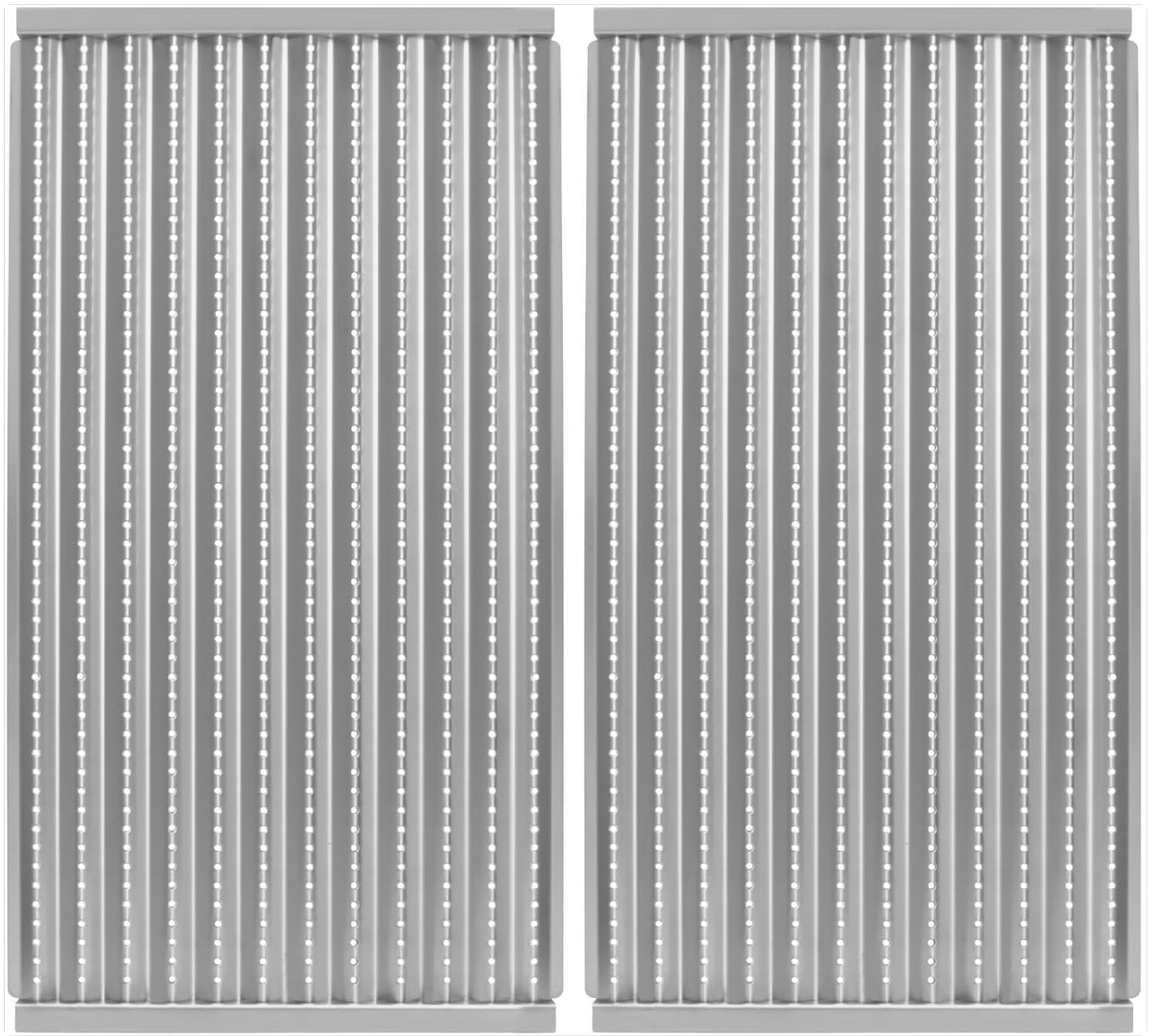


Figure 2.1: EasiBBQ Replacement Emitter Plates. These plates are designed to fit specific Charbroil TRU-Infrared grill models.

Distributes heat evenly

Improve the barbecue experience

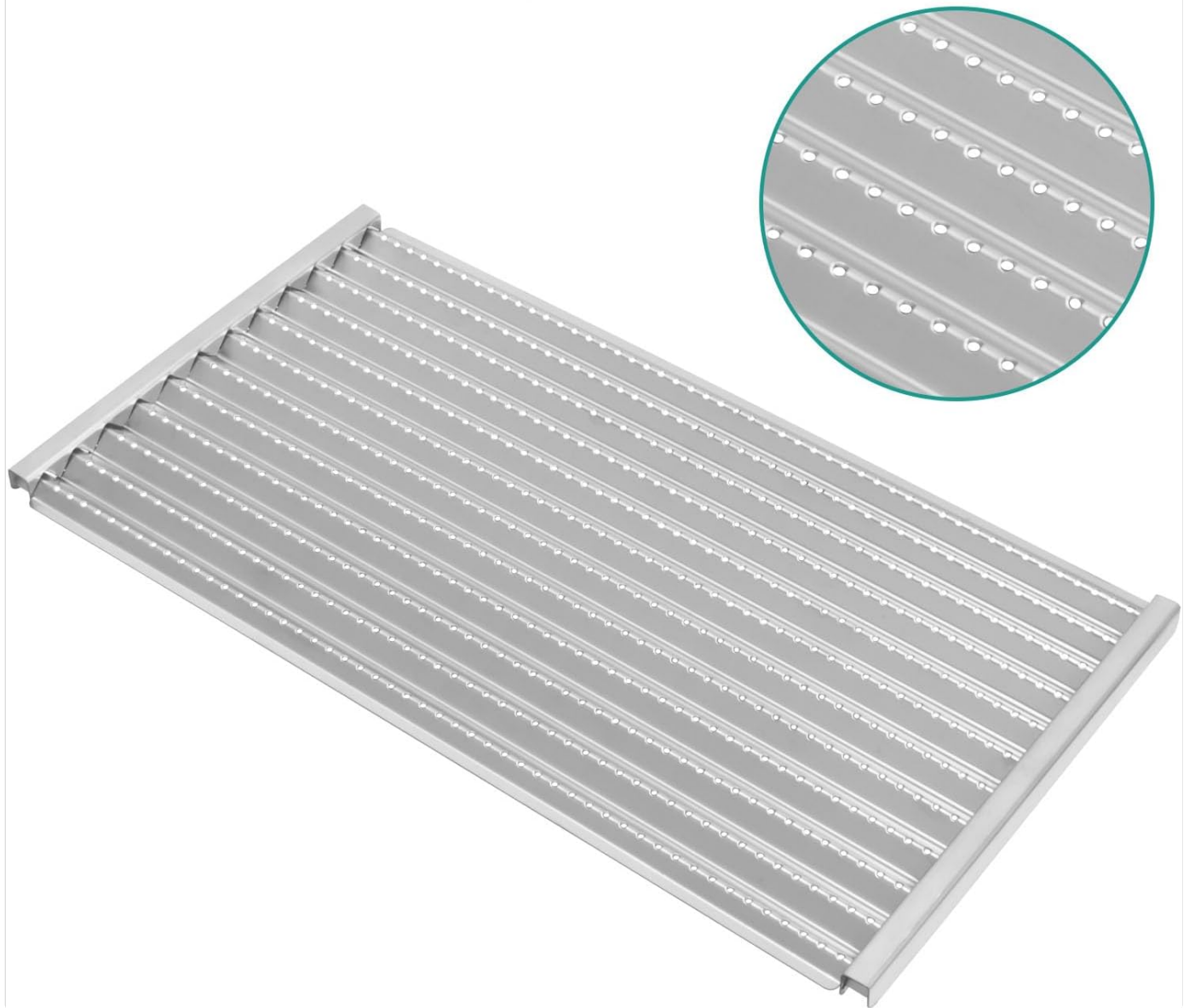


Figure 2.2: Detail of the Emitter Plate Surface. The small perforations facilitate even heat distribution from the burner tubes to the cooking grates.

3. COMPATIBILITY

These EasiBBQ emitter plates are designed as direct replacements for various Charbroil TRU-Infrared grill models. Please verify your grill's model number against the list below to ensure compatibility.

Compatible Charbroil Models:

- Charbroil Commercial 2-burner TRU-Infrared Models: 466642316, 463644220, 466642416, 463642316
- Charbroil Signature TRU-Infrared 2-burner Models: 463675016, 463632320, 463675016P1, 463632520
- Original Part Numbers: G362-0008-W1, G362-0008-W1A, G469-0005-W1, G369-0030-W2

It is essential to measure the dimensions of your existing emitter plates and compare them with the specifications provided in Section 4 to confirm a proper fit before purchase or installation.



Figure 3.1: Examples of Compatible Charbroil Grill Models. Ensure your grill's model number matches the listed compatible models.

4. SPECIFICATIONS

The following table details the key specifications of the EasiBBQ Replacement Emitter Plates:

Specification	Value
Product Dimensions (L x W x H)	44.5 cm x 23.5 cm x 5.08 cm (17.5 in x 9.25 in x 2 in)
Weight	1.47 kg (3.24 lbs)
Material	Stamped Porcelain Steel
Model Number	E5S082-2

Product Size

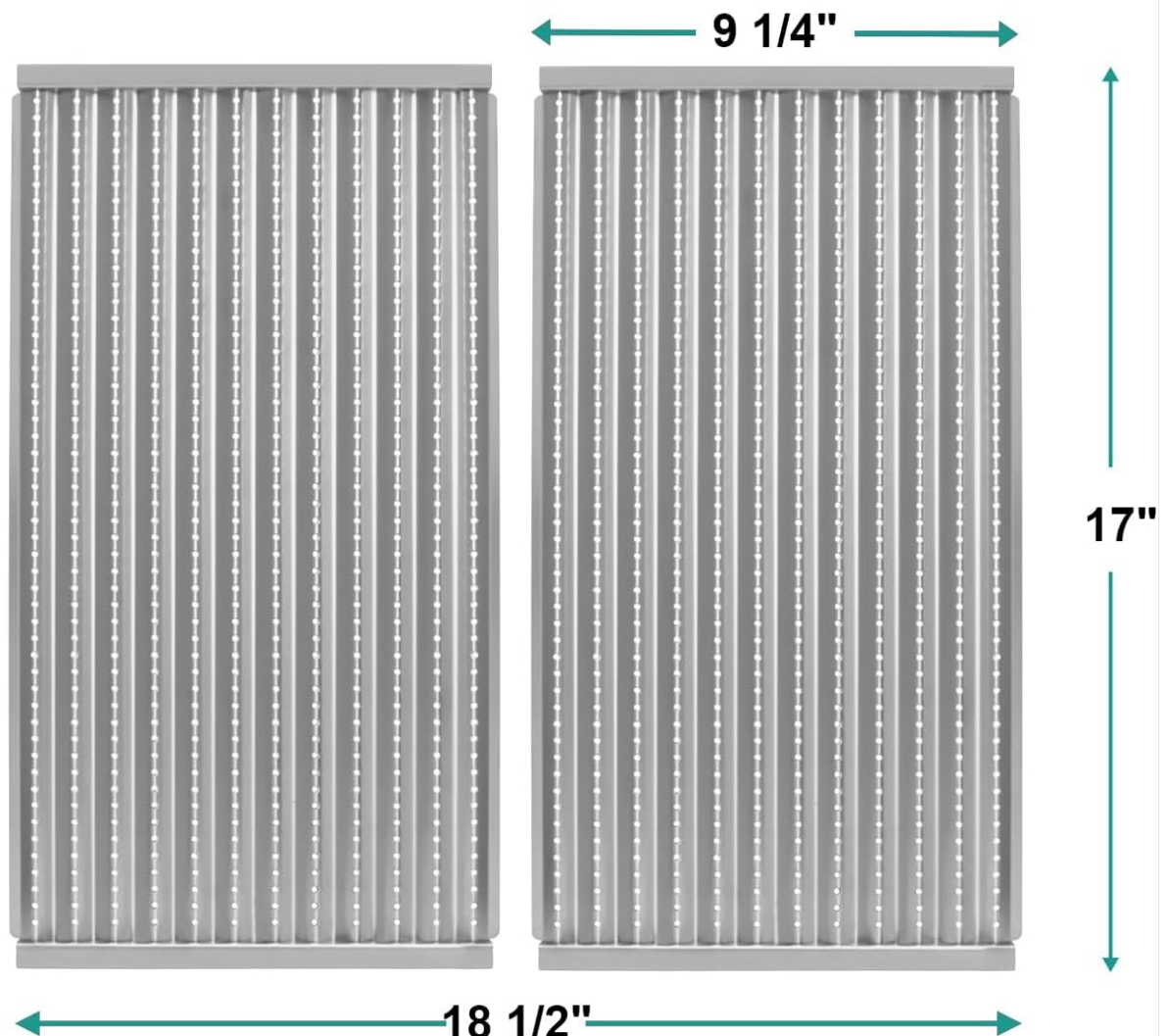


Figure 4.1: Product Dimensions. This diagram illustrates the length and width of the emitter plates, crucial for fitment.

5. SETUP AND INSTALLATION

Replacing your old emitter plates with new EasiBBQ plates is a straightforward process. Always ensure your grill is completely cool and disconnected from its fuel source before beginning any maintenance or installation.

Installation Steps:

1. **Preparation:** Ensure the grill is off, cool, and the gas supply is turned off at the tank.
2. **Remove Cooking Grates:** Carefully lift and remove the existing cooking grates from your grill.
3. **Remove Old Emitter Plates:** Lift out the old, worn-out emitter plates. Dispose of them responsibly.
4. **Clean Grill Interior:** This is an opportune time to clean any debris or grease buildup inside the grill's firebox.
5. **Install New Emitter Plates:** Place the new EasiBBQ emitter plates into the grill, ensuring they sit correctly on the support brackets. The plates should fit snugly without forcing.
6. **Replace Cooking Grates:** Carefully place the cooking grates back onto the newly installed emitter plates.
7. **Final Check:** Before reconnecting the fuel, visually inspect that all components are properly seated.

If you encounter any difficulty, refer to your specific Charbroil grill's user manual for detailed assembly and component

placement diagrams.

6. OPERATING PRINCIPLES AND USAGE TIPS

The TRU-Infrared system, enhanced by these emitter plates, works by creating a barrier between food and flames, converting convective heat into radiant heat. This results in more even cooking, fewer flare-ups, and juicier food.

Key Benefits:

- **Even Heat Distribution:** The numerous holes in the emitter plate surface ensure that heat from the burner tubes is spread uniformly across the entire grilling area, eliminating hot and cold spots.
- **Reduced Flare-ups:** The plates act as a barrier, preventing direct flame contact with food and minimizing flare-ups caused by dripping fats.
- **Moisture Retention:** Radiant heat cooks food more efficiently, locking in natural juices and preventing drying out.

Usage Tips:

- **Preheating:** Always preheat your grill thoroughly with the lid closed to allow the emitter plates to reach optimal temperature for radiant cooking.
- **Initial Use:** It is not uncommon for food to stick more to new cooking grates during the first few uses. This will improve with seasoning and regular cleaning.
- **Cleaning After Each Use:** For best performance and longevity, clean the cooking grates and emitter plates after each grilling session (see Maintenance section).



Figure 6.1: Grilling with Emitter Plates. The plates facilitate even cooking, as demonstrated by the uniformly roasted chickens.



Figure 6.2: Enhanced Grilling Experience. The emitter plates contribute to a consistent cooking temperature across the entire grill surface, ideal for various foods.

7. MAINTENANCE

Regular cleaning and maintenance will extend the lifespan of your EasiBBQ emitter plates and ensure optimal grilling performance.

Cleaning Instructions:

1. **Cool Down:** Always allow the grill and emitter plates to cool completely before cleaning.
2. **Remove Grates and Plates:** Carefully remove the cooking grates and then the emitter plates from the grill.
3. **Scrubbing:** Use a high-quality nylon brush or a grill brush with stiff bristles (avoid metal brushes on porcelain surfaces if possible, or use gently) to scrub away any burnt-on food residue from both the cooking grates and the emitter plates.
4. **Washing:** For deeper cleaning, the plates can be washed with warm, soapy water. Rinse thoroughly and dry completely to prevent rust.

5. **Reinstallation:** Once dry, reinstall the emitter plates and cooking grates.

Note: While porcelain steel offers good resistance, prolonged exposure to moisture can lead to corrosion. Always ensure plates are dry before storage or reinstallation.

8. TROUBLESHOOTING

Here are some common issues and their solutions related to your emitter plates:

- **Food Sticking to New Grates:** New cooking grates and emitter plates may cause food to stick more initially. Continue to use and clean them regularly; they will season over time, reducing sticking. Ensure proper preheating.
- **Uneven Heating:** If you experience uneven heating after installation, double-check that the emitter plates are seated correctly and are not warped. Also, ensure your grill's burners are functioning properly.
- **Rust Formation:** While made of porcelain steel, rust can occur if the plates are not dried properly after washing or are exposed to excessive moisture for extended periods. Ensure thorough drying after cleaning and store the grill in a dry environment.

9. WARRANTY AND SUPPORT

EasiBBQ stands behind the quality of its replacement emitter plates. These plates come with a **Lifetime Warranty**, reflecting our commitment to durability and customer satisfaction.

If you encounter any problems or have questions regarding your EasiBBQ emitter plates, please do not hesitate to contact us. You can reach our support team through the customer questions and answers section on the product page or via email.

For further assistance, please visit the [product page on Amazon](#) or contact EasiBBQ customer service directly.

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

Details

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