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› Direct Store DP102 Porcelain Steel Flavorizer Bars Instruction Manual

Direct Store DP102

Direct Store DP102 Porcelain Steel Flavorizer Bars Instruction Manual

Brand: Direct Store | Model: DP102

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Direct Store DP102 Porcelain Steel Flavorizer Bars. These flavorizer bars are designed as replacement parts for specific Weber grill models, enhancing heat distribution and vaporizing drippings for improved grilling performance.



Image: A set of five Direct Store DP102 Porcelain Steel Flavorizer Bars.

2. COMPATIBILITY

The Direct Store DP102 Porcelain Steel Flavorizer Bars are designed to replace original parts in the following Weber grill models and part numbers. It is crucial to verify the dimensions of your existing parts before purchase to ensure proper fit.

Compatible Weber Grill Models:

- Genesis Silver A
- Spirit 500
- Spirit 200 Series (Side Mounted Control Panels):
 - Spirit E-210 (2008 & Older)
 - Spirit S-200 (2009-2012)
 - Spirit S-210 (2009-2012)
 - E-210NG

Replacement for Weber Part Numbers:

- 7534

- 7535
- 65943
- 9811

Additional Compatible Weber Models:

The flavorizer bars are also compatible with various other Weber models, including but not limited to:

- 2241298, 2241398, 2241411, 2271001, 2271398, 2271411, 2271698
- 2341001, 2341298, 2341398, 2341411, 2371398, 2371411, 2371698
- 3711001, 3811001, 4411001, 4411411, 4511001, 46100001, 47100001
- 6211001, 6211398, 6211411, 6311001, 6311398, 6311411
- 6711001, 6711301, 6711411, 6811001, 6811301, 6811411, 77924014390

3. SETUP AND INSTALLATION

Replacing your old flavorizer bars is a straightforward process. Always ensure the grill is cool and disconnected from its fuel source before beginning installation.

1. **Preparation:** Ensure your grill is completely cool. Open the grill lid and remove the cooking grates.
2. **Remove Old Bars:** Carefully lift out the old, worn-out flavorizer bars from their designated slots above the burners. Dispose of them properly.
3. **Inspect Grill Interior:** Take this opportunity to clean any debris or grease buildup inside the grill firebox.
4. **Install New Bars:** Place the new Direct Store DP102 Porcelain Steel Flavorizer Bars into the slots. Ensure they sit securely and evenly over the burners. The bars are designed to fit precisely; avoid forcing them into place if they do not align correctly.
5. **Replace Grates:** Once all new flavorizer bars are in place, carefully put the cooking grates back into position.



Image: Dimensions of a single flavorizer bar, measuring 21.5 inches in length and 2 inches in height.

Important Note: Before installation, double-check the size and shape of your original parts against the specifications provided in this manual to confirm compatibility and ensure a proper fit.

4. OPERATING PRINCIPLES

Flavorizer bars play a critical role in the performance of your gas grill. They are positioned above the burners and serve multiple functions:

- **Heat Distribution:** They help to evenly distribute heat across the cooking surface, reducing hot spots and ensuring consistent grilling results.
- **Flavor Enhancement:** When drippings from food fall onto the hot flavorizer bars, they vaporize, creating smoke and steam that infuse back into the food, enhancing its flavor.
- **Burner Protection:** They shield the burners from direct contact with food drippings, which helps prevent flare-ups and prolongs the life of the burners.

With new flavorizer bars, your grill should achieve optimal heat distribution and flavor production, comparable to its original operating efficiency.

5. MAINTENANCE AND CLEANING

Regular cleaning of your porcelain steel flavorizer bars will ensure their longevity and maintain optimal grilling performance.

1. **Cool Down:** Always allow the flavorizer bars to cool completely before attempting to clean them.
2. **Soak:** For stubborn grease and residue, soak the bars in hot water with a mild detergent for several minutes.
3. **Clean:** Use a grill brush or a non-abrasive sponge to scrub off any remaining food particles or grease. The smooth surface of the porcelain steel makes them easy to clean.
4. **Rinse and Dry:** Rinse the bars thoroughly with clean water. Ensure they are completely dry before placing them back into the grill or storing them.
5. **Storage:** If storing the grill for an extended period, ensure the flavorizer bars are clean and dry, and store them in a dry place to prevent rust or corrosion.



Image: Detail of the angled design of the flavorizer bars, which aids in heat distribution and drippings vaporization.

6. TROUBLESHOOTING

If you encounter issues after installing your new flavorizer bars, consider the following common problems and solutions:

Issue: Bars do not fit properly.

Solution: Double-check the dimensions of the flavorizer bars against your grill's requirements. While these bars are designed for specific Weber models, slight variations can occur. Refer to the "Compatibility" and "Specifications" sections. If the fit is extremely tight or loose, it may indicate an incorrect part for your specific grill model.

Issue: Uneven heating or flare-ups after replacement.

Solution: Ensure the flavorizer bars are seated correctly and evenly over each burner. Misalignment can affect heat distribution. Also, check that the burners themselves are clean and functioning properly, as this can also contribute to uneven heat.

Issue: Rapid wear or corrosion.

Solution: While porcelain steel is durable, proper maintenance is key. Ensure regular cleaning as described in the "Maintenance" section and store the grill in a dry environment when not in use. Excessive exposure to moisture or harsh cleaning agents can accelerate wear.

If problems persist, please refer to the "Customer Support" section for assistance.

7. SPECIFICATIONS

| Feature | Detail |
|--------------------------------|----------------------------------|
| Product Name | Porcelain Steel Flavorizer Bars |
| Model Number | DP102 |
| Quantity | 5 pieces per kit |
| Material | Heavy-duty Porcelain Steel |
| Dimensions (each bar) | 21-1/2 inches (L) x 2 inches (H) |
| Item Weight (total) | Approximately 4.34 pounds |
| Original Part Numbers Replaced | 9811, 7534, 7535 |

8. CUSTOMER SUPPORT

For any questions, concerns, or issues regarding your Direct Store DP102 Porcelain Steel Flavorizer Bars, please do not hesitate to contact our customer support team. We are committed to providing satisfactory solutions.

Contact Information: Please refer to the seller's contact details on the platform where the product was purchased. Our team is available to assist you.

We aim to respond to all inquiries within 24 hours.