

## Ambach GHE-120, GHE-80, GHG-80, GHG-120, GH-90

# Ambach Burner Head Instruction Manual

Models: GHE-120, GHE-80, GHG-80, GHG-120, GH-90

## 1. PRODUCT OVERVIEW

---

This document provides instructions for the Ambach burner heads, models GHE-120, GHE-80, GHG-80, GHG-120, and GH-90. These burner heads are designed for use with gas cookers, electric ovens, and gas ovens, specifically for burner covers with a diameter of 125 mm and of Type E. Proper installation and maintenance are crucial for optimal performance and safety.



**Figure 1:** An Ambach burner head, a metallic component with a central circular opening and a textured, robust body, designed for commercial kitchen appliances.

### Key Features:

- Application: Gas cooker
- Application: Electric oven
- Application: Gas oven
- Burner Type: E
- Designed for burner covers with a diameter of 125 mm

## 2. SETUP AND INSTALLATION

---

**Safety First:** Before attempting any installation or maintenance, ensure that the appliance is completely disconnected from its power source (gas and electricity). Allow any hot components to cool down. Always wear appropriate personal protective equipment (PPE).

### Installation Steps:

1. **Preparation:** Ensure the appliance is cool and disconnected from all utilities. Clear the work area of any obstructions.
2. **Access Burner Area:** Depending on the appliance model, you may need to remove grates, burner caps, or other components to access the burner assembly. Refer to your appliance's specific service manual for detailed access instructions.
3. **Remove Old Burner Head (if applicable):** Carefully lift or unscrew the existing burner head. Note its orientation for correct placement of the new head.
4. **Inspect Components:** Before installing the new Ambach burner head, inspect the surrounding components, such as the burner base and igniter, for any damage or debris. Clean as necessary.
5. **Install New Burner Head:** Place the Ambach burner head (GHE-120, GHE-80, GHG-80, GHG-120, or GH-90) onto the burner base. Ensure it sits flush and is correctly aligned with any locating pins or grooves. The burner head is designed for a Ø 125 mm burner cover, Type E.
6. **Reassemble:** Reinstall any removed grates, caps, or other components.
7. **Test Functionality:** Reconnect the appliance to its utilities. Carefully test the burner's ignition and flame appearance according to the appliance's operating instructions. Observe for proper flame distribution and color.

*If you are unsure about any step, consult a qualified technician.*

### 3. OPERATING INSTRUCTIONS

---

The Ambach burner head itself does not have operational controls. Its function is to distribute the gas/air mixture for combustion. Operation is controlled by the appliance it is installed in (gas cooker, electric oven, or gas oven).

#### General Operation Guidelines:

- Always follow the operating instructions provided with your specific Ambach appliance.
- Ensure proper ventilation in the kitchen area during operation.
- Never leave cooking unattended.
- If you detect a gas odor, immediately turn off the gas supply, open windows, and do not operate any electrical switches or appliances. Contact emergency services.

### 4. MAINTENANCE

---

Regular cleaning and inspection of the burner head are essential to maintain efficiency and prolong its lifespan.

#### Cleaning:

- **Daily Cleaning:** After each use, allow the burner head to cool completely. Wipe down any spills or food residue from the surface using a damp cloth and mild detergent.
- **Deep Cleaning (Periodically):** For stubborn stains or blockages, remove the burner head from the appliance (refer to Section 2: Setup and Installation for removal steps). Soak it in warm, soapy water. Use a non-abrasive brush or sponge to gently scrub away baked-on food or grease. Ensure all ports and openings are clear. Rinse thoroughly and dry completely before reinstallation.
- **Avoid Abrasives:** Do not use abrasive cleaners, steel wool, or sharp objects, as these can damage the burner head's surface and affect its performance.

#### Inspection:

- **Visual Check:** Regularly inspect the burner head for any signs of wear, cracks, corrosion, or blockages in the gas ports.
- **Flame Pattern:** Observe the flame pattern during operation. A healthy flame should be blue and stable. Yellow or orange flames, or uneven flame distribution, may indicate a blockage or an issue requiring professional service.
- **Secure Fit:** Ensure the burner head is always securely seated on its base.

## 5. TROUBLESHOOTING

This section addresses common issues related to the burner head. For problems with the appliance itself, refer to its specific manual or contact a qualified technician.

Problem	Possible Cause	Solution
Uneven or weak flame	Clogged burner ports	Clean the burner head thoroughly, ensuring all ports are clear.
Yellow or orange flame	Improper air-to-gas mixture or clogged ports	Clean the burner head. If the problem persists, contact a qualified technician to check the appliance's air intake or gas pressure.
Burner not igniting	Burner head not seated correctly; igniter dirty or faulty	Ensure the burner head is properly seated. Clean the igniter. If the igniter is faulty, it may need replacement by a technician.
Gas odor	Gas leak	Immediately turn off the gas supply, ventilate the area, and contact emergency services or a qualified gas technician. Do not operate any electrical switches.

## 6. SPECIFICATIONS

The following are the technical specifications for the Ambach burner heads (GHE-120, GHE-80, GHG-80, GHG-120, GH-90):

Attribute	Detail
Brand	Ambach
Manufacturer Reference	4251188758405
Reference	4251188758405
Special Features	Kitchen, Home, Interior
Batteries Included	No
Batteries Required	No
Spare Parts Availability	Information unavailable
ASIN	B01EJB3PLG
Date First Available	26 August 2022

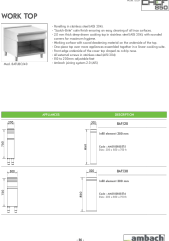




Attribute	Detail
Manufacturer	Ambach

## 7. WARRANTY AND SUPPORT

Specific warranty information for this Ambach burner head is not provided in this manual. For details regarding warranty coverage, claims, or technical support, please refer to the documentation provided with your original Ambach appliance or contact Ambach customer service directly. Keep your purchase receipt as proof of purchase.

For further assistance, please visit the official Ambach website or contact your authorized Ambach dealer.

### Related Documents - GHE-120, GHE-80, GHG-80, GHG-120, GH-90

	<p><a href="#">Ambach Work Top and Infill Elements - Commercial Kitchen Equipment</a></p> <p>Specifications for Ambach stainless steel work tops (Model 8ATUBO/40) and infill elements (Models 8AF/20, 8AF/30), detailing features, materials (AISI 304), dimensions, and product codes.</p>
	<p><a href="#">STIHL GHE 150, GHE 250, GHE 250 S, GHE 260, GHE 260 S - Инструкция по эксплуатации</a></p> <p>Полное руководство по эксплуатации садовых измельчителей STIHL GHE 150, GHE 250, GHE 250 S, GHE 260 и GHE 260 S. Охватывает сборку, эксплуатацию, безопасность, техническое обслуживание и поиск неисправностей.</p>
	<p><a href="#">Redfox SP 90/120 G Gas Cooking Range: Instruction Manual</a></p> <p>Official instruction manual for the Redfox SP 90/120 G gas cooking range, providing detailed information on installation, operation, safety, and maintenance for professional kitchens. Includes technical specifications, gas compatibility, and troubleshooting.</p>
	<p><a href="#">STIHL GHE 355, GHE 375 Gartenhäcksler Bedienungsanleitung</a></p> <p>Umfassende Bedienungsanleitung für die elektrischen Gartenhäcksler STIHL GHE 355 und GHE 375. Enthält Anleitungen zu Betrieb, Sicherheit, Wartung und Fehlerbehebung.</p>
	<p><a href="#">REDFOX SPBT 70/120 21 G Commercial Gas Range with Static Oven - User Manual</a></p> <p>Detailed user manual for the REDFOX SPBT 70/120 21 G commercial gas range, featuring a GN 2/1 static oven and ECO burners. Covers installation, operation, safety, maintenance, and technical specifications for professional kitchens.</p>

Savemah S700																	
IT	BRASIERE FISSA/TAVOL, BRASIERA MULTIFUNZIONE	Installatione-Usa-Manuale															
UK	TILTING BRAT PAN, MULTIPERFORMANCE COOKING APPLIANCE	Installation-Und-Manualanleitung															
FR	SAUTEUSE BRASILLANTE, APPAREIL DE CUISSON MULTIFONCTION	Installation-Und-Manualanleitung															
DE	KUPFERTAFELN, ELEKTRO-MULTI-BRATER	Installation-Gebrauch-Wartung															
ES	SARTEN VOLCANE, APARATOS DE COCCION MULTIFUNCION	Instalación-Usa-Manualmanten															
NL	KANTELKAST BRADOPFANNEN, MULTI-BRADOPFANNEN	  															
<table><tr><td>TYPE DES</td><td>TYPE DES</td><td>TYPE DES</td><td>TYPE DES</td></tr><tr><td>CODE DES</td><td>CODE DES</td><td>CODE DES</td><td>CODE DES</td></tr><tr><td>CODE DES</td><td>CODE DES</td><td>CODE DES</td><td>CODE DES</td></tr><tr><td>CODE DES</td><td>CODE DES</td><td>CODE DES</td><td>CODE DES</td></tr></table>				TYPE DES	TYPE DES	TYPE DES	TYPE DES	CODE DES	CODE DES	CODE DES	CODE DES	CODE DES	CODE DES	CODE DES	CODE DES	CODE DES	CODE DES
TYPE DES	TYPE DES	TYPE DES	TYPE DES														
CODE DES	CODE DES	CODE DES	CODE DES														
CODE DES	CODE DES	CODE DES	CODE DES														
CODE DES	CODE DES	CODE DES	CODE DES														

[Savemah S700 Series Tilting Brat Pan - Installation, Use, and Maintenance Manual](#)

Comprehensive manual for Savemah S700 series tilting brat pans, covering installation, operation, safety, maintenance, and troubleshooting for gas, electric, and multi-fuel models. Includes detailed instructions and warnings for professional kitchen environments.