

[Manuals.plus](#) /

› [CLAS Equipements](#) /

› CLAS Equipements Flame Head with Electrode Block for Heating V40-3300335 Instruction Manual

CLAS Equipements 3300335

CLAS Equipements Flame Head with Electrode Block for Heating V40-3300335 Instruction Manual

Model: 3300335

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective installation, operation, and maintenance of the CLAS Equipements Flame Head with Electrode Block, model 3300335 (also referred to as V40-3300335). This component is designed for use in heating systems, specifically workshop heaters. Please read this manual thoroughly before installation or use.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the equipment:

- Installation and maintenance should only be performed by qualified personnel.
- Disconnect power to the heating system before installing, servicing, or removing the flame head.
- Ensure proper ventilation in the work area.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
- Do not operate the heating system if the flame head or any associated components are damaged.
- Refer to the main heating system's manual for additional safety guidelines.

3. PRODUCT OVERVIEW

The CLAS Equipements Flame Head with Electrode Block (Model 3300335) is a critical component for igniting and maintaining the flame in compatible heating systems. It integrates the flame head and electrode block into a single unit for efficient operation.



Figure 1: CLAS Equipements Flame Head with Electrode Block (Model 3300335).

This image displays the complete Flame Head with Electrode Block. It consists of a cylindrical metal cup, a metal mounting plate, two white ceramic electrodes with metal tips, and a brass fitting. These components are assembled together, indicating its readiness for installation in a heating system.

3.1 Components

- **Flame Head (Metal Cup):** The main combustion chamber component.
- **Electrode Block:** Contains the ignition electrodes.
- **Ignition Electrodes:** Two ceramic-insulated electrodes responsible for sparking.
- **Brass Fitting:** Likely for fuel or air connection.
- **Mounting Plate:** Secures the assembly to the heating unit.

4. SETUP AND INSTALLATION

Follow these steps for proper installation of the Flame Head with Electrode Block:

1. **Preparation:** Ensure the heating system is completely powered off and cooled down. Refer to the heating system's manual for specific instructions on accessing the combustion chamber.
2. **Removal of Old Component (if applicable):** Carefully disconnect any wiring or fuel lines from the existing flame head. Unfasten mounting screws and remove the old component.
3. **Inspection:** Inspect the new Flame Head (Model 3300335) for any signs of damage. Verify that all components are securely attached.
4. **Positioning:** Place the new flame head assembly into the designated opening in the heating system. Ensure the mounting plate aligns with the screw holes.
5. **Securing:** Fasten the mounting plate securely using appropriate screws. Do not overtighten.
6. **Connections:** Reconnect any necessary wiring to the electrodes and attach fuel/air lines to the brass fitting, if applicable. Ensure all connections are tight and secure to prevent leaks.
7. **Final Check:** Double-check all connections and mounting points before restoring power to the heating system.

5. OPERATING INSTRUCTIONS

The Flame Head with Electrode Block is a component of a larger heating system. Its operation is controlled by the main heating unit. Once installed, its function is to facilitate the ignition and stable combustion of fuel.

- Ensure the heating system's fuel supply is adequate and properly connected.
- Follow the operating procedures outlined in the main heating system's instruction manual to initiate the heating cycle.
- The electrodes will generate a spark to ignite the fuel mixture within the flame head.
- Monitor the heating system for proper ignition and stable flame.

If ignition fails or the flame is unstable, refer to the troubleshooting section of this manual or the main heating system's manual.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of the Flame Head with Electrode Block. Always disconnect power before performing any maintenance.

- **Annual Inspection:** Annually inspect the electrodes for wear, carbon buildup, or damage. Check the ceramic insulation for cracks.
- **Cleaning:** Gently clean any carbon deposits from the electrodes and the interior of the flame head using a soft brush or cloth. Avoid abrasive materials.
- **Gap Adjustment:** If specified by the main heating system's manual, verify and adjust the electrode gap according to manufacturer specifications.
- **Connection Check:** Ensure all electrical and fuel/air connections remain tight and free from corrosion.
- **Replacement:** Replace the flame head assembly if significant wear, damage, or persistent ignition issues are observed.

7. TROUBLESHOOTING

This section addresses common issues related to the Flame Head with Electrode Block. For comprehensive system troubleshooting, consult your heating system's main manual.

Problem	Possible Cause	Solution
No ignition spark	Loose or corroded electrode connections Damaged electrodes or ceramic insulation Incorrect electrode gap Faulty ignition transformer (part of main system)	Check and secure connections. Inspect electrodes for damage; replace if necessary. Adjust electrode gap according to specifications. Consult heating system manual for ignition transformer check.
Weak or inconsistent flame	Carbon buildup on electrodes or flame head Improper fuel/air mixture (main system issue) Damaged flame head component	Clean electrodes and flame head. Refer to heating system manual for fuel/air adjustments. Inspect flame head for damage; replace if necessary.
Fuel odor detected	Loose fuel line connection Damaged fuel line or fitting	Immediately shut down the heating system and ventilate the area. Check and tighten all fuel line connections. Inspect fuel lines and fittings for damage; replace if necessary. Do not operate the system until the leak is resolved.

8. SPECIFICATIONS

Attribute	Detail
Brand	CLAS Equipements
Model Number	3300335
Item Weight	2.66 pounds (approx. 1.21 kg)
Manufacturer Part Number	3300335
ASIN	B09R2CF3W2
Application	Workshop heaters

9. WARRANTY INFORMATION

Specific warranty details for the CLAS Equipements Flame Head with Electrode Block (Model 3300335) are not provided in this manual. For warranty terms and conditions, please refer to the documentation included with your purchase or contact CLAS Equipements directly.

10. CUSTOMER SUPPORT

For technical assistance, spare parts, or further inquiries regarding your CLAS Equipements product, please contact your authorized dealer or visit the official CLAS Equipements website. Contact information can typically be found on the product packaging or the brand's official online presence.

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