

## sygonix SY-5247282

# Sygonix SY-5247282 Electronic Instant Water Heater User Manual

Model: SY-5247282

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## INTRODUCTION

Welcome to the user manual for your Sygonix SY-5247282 Electronic Instant Water Heater. This compact and efficient device is designed to provide immediate hot water wherever a water and electricity connection is available. Please read this manual thoroughly before installation and operation to ensure safe and optimal performance.

## SAFETY INSTRUCTIONS

### General Safety

- Read all instructions carefully before use.
- Keep this manual for future reference.
- Ensure the power supply matches the specifications of the water heater (230 Volts, 3000 Watts).
- Do not operate the device if the power cord or plug is damaged.
- Do not immerse the device in water or other liquids.
- This appliance is intended for domestic use only.
- Children should be supervised to ensure they do not play with the appliance.

### Electrical Safety

- Always connect the device to a properly grounded outlet.
- Installation must be performed by a qualified electrician in accordance with local regulations.
- Disconnect the power supply before any maintenance or cleaning.

### Water Safety

- Ensure proper water pressure is maintained.

- Do not block the water outlet.
- The device is designed for heating potable water.

## PRODUCT OVERVIEW

The Sygonix SY-5247282 is a compact, electronic instant water heater featuring a durable SUS304 stainless steel heating system and a digital LED display for precise temperature control.

### Key Features:

- SUS304 Stainless Steel Heating System
- Double Insulation for enhanced safety
- Limescale Protection
- Thermal Fuse for safe operation
- Rapid Heating (3-5 seconds)
- Digital LED Temperature Display
- Integrated Coil for direct water heating
- IP24 Protection Type

### Components:



**Figure 1: Front View with Digital Display**

This image shows the main body of the Sygonix instant water heater, highlighting the digital LED display which indicates the current water temperature, set here at 39 degrees. The Sygonix logo is prominently displayed.



**Figure 2: Front View with Temperature Control**

This image provides another view of the water heater, focusing on the manual temperature control lever with clear "Hot" (red) and "Cold" (blue) indicators, allowing users to adjust the water flow and temperature.



**Figure 3: Connection Components**

An exploded view illustrating the brass connection fittings and white sealing washers, demonstrating how the water heater connects to the water supply.



**Figure 4: Rear View with Water Flow Indicators**

This image shows the back of the water heater, clearly labeling the "Intake" and "Outlet" points for water connection, along with an arrow indicating the direction of water flow.

## SETUP AND INSTALLATION

The Sygonix instant water heater is designed for quick and easy installation. It can be mounted on a wall and requires both a water and electrical connection.

### Before Installation:

- Ensure the installation location is suitable, with access to water supply and a grounded electrical outlet.
- Verify that the water pressure is within acceptable limits for the device.
- Turn off the main water supply and electrical power to the installation area.

### Installation Steps:

1. **Mounting:** Securely mount the water heater to a wall using appropriate fasteners. Ensure it is level and stable.
2. **Water Connection:** Connect the water intake to your cold water supply and the water outlet to your faucet or shower head. Use the provided sealing washers to prevent leaks. Refer to Figure 3 and Figure 4 for connection points.
3. **Electrical Connection:** Connect the power cord to a grounded 230 Volt electrical outlet. It is highly recommended that this step be performed by a qualified electrician to ensure compliance with local electrical codes and safety standards.
4. **Check for Leaks:** Slowly turn on the main water supply and check all connections for any leaks.
5. **Prime the Unit:** Before turning on the power, allow water to flow through the unit for a few minutes to ensure all air is purged from the system.

## OPERATING INSTRUCTIONS

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Once installed and primed, operating your Sygonix instant water heater is straightforward.

1. **Power On:** Turn on the electrical power to the unit. The digital LED display (Figure 1) will illuminate, showing the current water temperature.
2. **Adjusting Temperature:** Use the temperature control lever (Figure 2) to adjust the desired water temperature. Moving the lever towards the red indicator will increase the temperature, while moving it towards the blue indicator will decrease it.
3. **Water Flow:** Open the faucet or shower connected to the water heater. The unit will automatically activate and begin heating water as it flows through.
4. **Temperature Display:** The LED display will show the real-time temperature of the outgoing hot water.
5. **Power Off:** To turn off the unit, simply close the water flow from the faucet. The unit will automatically stop heating. For extended periods of non-use, it is recommended to turn off the electrical power supply to the unit.

## MAINTENANCE

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Regular maintenance ensures the longevity and efficient operation of your Sygonix instant water heater.

- **Cleaning:** Periodically wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Limescale Prevention:** The unit features limescale protection. However, in areas with very hard water, periodic descaling may be beneficial. Consult a qualified technician for descaling procedures.
- **Connection Checks:** Annually inspect water connections for any signs of leaks or corrosion. Tighten connections if necessary.
- **Thermal Fuse:** The thermal fuse is a safety feature. If the unit stops heating unexpectedly, it may indicate the thermal fuse has activated due to overheating. This should be inspected by a qualified technician.

**Warning: Always disconnect the power supply before performing any maintenance or cleaning.**

## TROUBLESHOOTING

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If you encounter issues with your Sygonix instant water heater, refer to the table below for common problems and solutions.

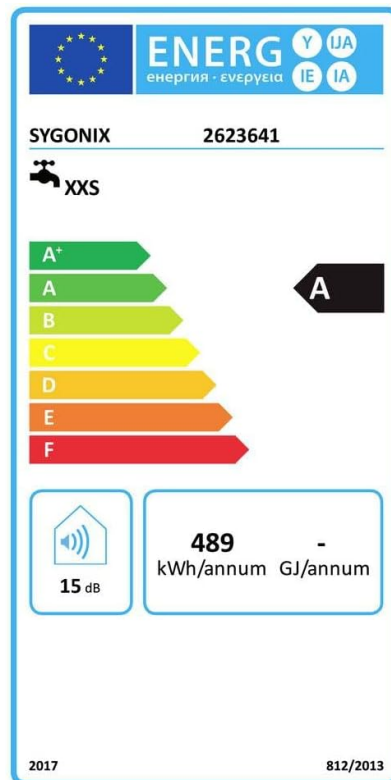
| Problem                         | Possible Cause  | Solution   |
|---------------------------------|---|--|
| No hot water / Unit not heating | No power supply; Water flow too low; Thermal fuse activated; Heating element failure. | Check power connection and circuit breaker; Ensure sufficient water flow; Contact a qualified technician for thermal fuse or heating element inspection. |
| Water is not hot enough         | Water flow too high; Incoming water temperature too low; Limescale buildup.           | Reduce water flow; Check incoming water temperature; Consider descaling (professional service recommended).  |
| Water leaks from connections    | Loose connections; Damaged sealing washers.   | Tighten connections; Replace damaged sealing washers.  |

| Problem                 | Possible Cause                 | Solution                                      |
|-------------------------|--------------------------------|---|
| LED display not working | No power; Display malfunction. | Check power supply; Contact customer support. |

If the problem persists after attempting these solutions, please contact Sygonix customer support or a qualified service technician.

## SPECIFICATIONS

| Attribute        | Value  |
|------------------|--|
| Brand            | Sygonix  |
| Model Number     | SY-5247282   |
| Power (Wattage)  | 3000 Watts   |
| Voltage          | 230 Volts  |
| Material         | Stainless Steel  |
| Weight           | 800 grams  |
| Mounting Type    | Wall-mounted   |
| Protection Type  | IP24   |
| Special Features | Integrated heating coil, Digital LED temperature display, Thermal protection |



**Figure 5: Energy Efficiency Label**

This image displays the energy efficiency label for the Sygonix water heater, indicating its energy class (A) and annual energy consumption (489 kWh/annum).

## WARRANTY AND SUPPORT

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Your Sygonix SY-5247282 Electronic Instant Water Heater comes with a standard manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions.

### **Spare Parts Availability:**

- Spare parts are available for 1 year within the EU.

### **Customer Support:**

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Sygonix customer support. Contact information can typically be found on the product packaging or the manufacturer's official website.