

DELTA 5GE-SMP12-240-1

Delta SteamScape Steam Generator

MODEL: 5GE-SMP12-240-1

1. Introduction

This manual provides essential information for the safe installation, operation, and maintenance of your Delta 5GE-SMP12-240-1 SteamScape Steam Generator. Please read this manual thoroughly before attempting to install or operate the unit. Retain this manual for future reference.

2. Safety Information

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

- Always disconnect power before servicing the unit.
- Installation must be performed by a qualified electrician and plumber in accordance with all local and national codes.
- Do not operate the generator if it is damaged or not functioning correctly.
- This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
- Steam is extremely hot and can cause severe burns. Exercise extreme caution when operating the unit.

3. Package Contents

Verify that all components are present and undamaged upon unpacking. If any items are missing or damaged, contact your supplier immediately.

- Delta 5GE-SMP12-240-1 SteamScape Steam Generator Unit
- Instruction Manual

4. Product Overview

The Delta 5GE-SMP12-240-1 SteamScape is a 12kW steam generator designed for efficient and reliable steam production. Constructed from durable stainless steel, this unit operates on 240V power and is engineered for long-lasting performance.



Image 4.1: Front-right view of the Delta 5GE-SMP12-240-1 SteamScape Steam Generator. The unit features a black stainless steel casing with ventilation louvers on the top-left side. Brass plumbing connections are visible on the right side, including a main water inlet/outlet and a drain valve at the bottom right. Electrical knockouts are present on the top right panel.

5. Setup

Proper installation is crucial for the safe and efficient operation of your steam generator. It is highly recommended that installation be performed by certified professionals.

5.1 Location Requirements

- Install the generator in a dry, accessible location, protected from freezing temperatures.
- Ensure adequate clearance around the unit for ventilation and servicing. Refer to local codes for specific requirements.

- The unit dimensions are approximately 17.75 x 7.5 x 15.5 inches (L x W x H) and it weighs 32.8 pounds. Plan mounting accordingly.

5.2 Electrical Connections

- The generator requires a dedicated 240V, single-phase electrical supply.
- All wiring must comply with national and local electrical codes.
- Connect the power supply to the designated terminals within the generator's electrical compartment.

5.3 Plumbing Connections

- Connect the cold water supply to the water inlet.
- Connect the steam outlet to the steam line leading to the steam room.
- Install a drain line from the generator to an appropriate waste receptor.
- Ensure all plumbing connections are watertight to prevent leaks.

6. Operating Instructions

Once installed and connected, the steam generator is ready for operation. Refer to the separate control panel manual for specific instructions on setting temperature and duration.

6.1 Initial Startup

1. Ensure the water supply valve to the generator is open.
2. Turn on the main electrical power to the generator.
3. Activate the steam generator using the external control panel. The unit will begin to fill with water and then heat it to produce steam.

6.2 Normal Operation

- The generator will automatically maintain the set temperature by cycling its heating elements.
- Steam will be delivered to the steam room as required.
- After use, turn off the generator via the control panel. The unit may perform an automatic drain cycle.

7. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your steam generator.

7.1 Descaling

- Mineral deposits (scale) can build up inside the generator, affecting efficiency. The frequency of descaling depends on water hardness.
- Consult the control panel manual for automated descaling cycles or follow manual descaling procedures using a manufacturer-approved descaling solution.
- Always disconnect power and allow the unit to cool completely before performing manual descaling.

7.2 Inspection

- Periodically inspect all plumbing and electrical connections for signs of wear, corrosion, or leaks.
- Ensure ventilation openings are clear of obstructions.

8. Troubleshooting

This section addresses common issues you might encounter. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
No steam production	No power; water supply off; control panel error; heating element failure.	Check circuit breaker; ensure water supply is open; consult control panel manual; contact service technician.
Low steam output	Scale buildup; insufficient water flow; steam line obstruction.	Perform descaling; check water pressure; inspect steam line for blockages.
Water leaks	Loose plumbing connections; damaged seals or pipes.	Tighten connections; inspect and replace damaged components.
Unit not turning on	No power; faulty control panel; internal fuse blown.	Verify power supply; check control panel connections; contact service technician.

9. Specifications

Feature	Specification
Model Number	5GE-SMP12-240-1
Manufacturer	Delta
Power Output	12 kW
Voltage	240 Volts
Phase	1 Ph
Material	Stainless Steel
Item Weight	32.8 pounds
Product Dimensions (L x W x H)	17.75 x 7.5 x 15.5 inches
Included Components	Product Only

10. Warranty and Support

This product is covered by the manufacturer's limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official Delta website. For technical assistance, troubleshooting, or to inquire about replacement parts, please contact Delta customer support.

Manufacturer: Delta

Website: www.deltafaucet.com (or refer to product packaging for specific support contact information)

