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> Senville Tankless Water Heater User Manual

Senville SENWH-DSF18-0EG

Senville Tankless Water Heater User Manual

Model: SENWH-DSF18-0EG

INTRODUCTION

The Senville 18KW Electric Tankless Water Heater (240V) provides instant and continuous hot water for residential and light commercial applications. This unit is designed for energy efficiency and precise temperature control, offering a compact and reliable solution for your hot water needs.

SAFETY INFORMATION

Please read all safety instructions carefully before installation and operation to prevent injury or damage. Failure to follow these instructions may result in electric shock, fire, property damage, or personal injury.

- **Professional Installation:** Installation of this unit is complex and requires specialized electrical and plumbing knowledge. Professional installation by a licensed electrician and plumber is strongly recommended. The manufacturer's warranty may be void if the unit is not installed by a licensed professional.
- **Electrical Requirements:** This 18KW unit requires a 240V electrical supply. It typically requires twin 40 amp, two-pole circuit breakers and #8 AWG (American Wire Gauge) or larger wiring for connection to the breaker box. Ensure your electrical panel can support this load.
- **Water Connections:** The unit utilizes 3/4-inch Male Pipe Thread (MPT) connections. Connections must use a rubber gasket. Standard female pipe connections may not be compatible without appropriate adapters.
- **Freezing Temperatures:** If the unit is installed in an area where temperatures may drop below freezing, it must be completely drained to prevent damage from freezing water. Consult a qualified professional for proper winterization procedures.
- **Certifications:** This product conforms to UL Standards, CSA Standards, and has been tested by Intertek, ensuring compliance with recognized safety and quality standards.

SETUP

Proper setup is crucial for the safe and efficient operation of your Senville Tankless Water Heater. It is highly

recommended that installation be performed by a licensed professional.

Mounting the Unit

Select a suitable indoor location for mounting the unit. Ensure the location is protected from freezing temperatures and has adequate space for plumbing and electrical connections. The unit should be mounted vertically on a solid surface.



Space and Energy Saving

Figure 1: The compact design allows for space-saving installation in various indoor environments, such as bathrooms or utility rooms.

Plumbing Connections

Connect the cold water inlet and hot water outlet to the corresponding ports on the bottom of the unit. Use 3/4-inch NPT fittings with rubber gaskets to ensure a watertight seal. Ensure all connections are secure and free of leaks before proceeding.

Electrical Connections

Connect the unit to a dedicated 240V electrical circuit with appropriate circuit breakers (typically twin 40 amp, two-pole breakers) and #8 AWG or larger wiring. All electrical work must comply with local and national electrical codes. It is crucial

to ensure the power supply is disconnected before making any electrical connections.





Figure 2: The main unit with its digital interface, ready for operation after proper installation.

OPERATING INSTRUCTIONS

The Senville Tankless Water Heater is designed for user-friendly operation with its intuitive digital display and intelligent features.

Initial Startup

1. Ensure all plumbing connections are secure and there are no leaks.
2. Open a hot water faucet in your home to allow water to flow through the unit and purge any air from the system. Maintain flow for at least 30 seconds.
3. Turn on the electrical power to the unit at the circuit breaker.
4. The digital display on the front of the unit will illuminate.

Temperature Control

Use the touch controls on the digital display to adjust the desired hot water temperature. The unit features intelligent self-modulating technology, which automatically adjusts power consumption based on water flow and temperature demand to maintain a consistent output temperature.



Endless Hot Water Flow

Enjoy a continuous supply of hot water, perfect for busy households or small businesses

Figure 3: Experience endless hot water on demand for various household needs.

Versatile Applications

This tankless water heater is suitable for a variety of applications, including showers, sinks, washing machines, and dishwashers, providing hot water only when needed.

Compatible with Washing Machines and Dishwashers

Easily connects to household
appliances to meet daily
washing and cleaning
needs



Figure 4: The unit seamlessly integrates with household appliances for daily washing and cleaning needs.

Versatile for Everyday Needs

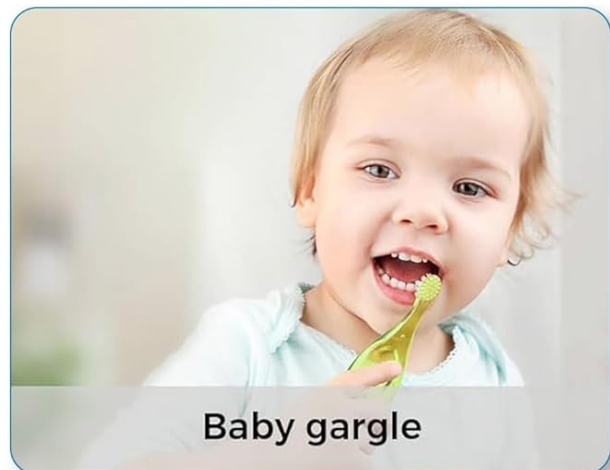


Figure 5: Versatile applications for everyday hot water requirements.

MAINTENANCE

Regular maintenance helps ensure the longevity and efficient operation of your tankless water heater. Always disconnect power to the unit before performing any maintenance.

- **Winterization:** If the unit is located in an unheated area or will be exposed to freezing temperatures, it is essential to completely drain the unit to prevent damage. This typically involves disconnecting water lines and tilting the unit to ensure all water is removed. Consult a qualified plumber for detailed draining procedures specific to your installation.
- **Cleaning:** Periodically wipe down the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Professional Inspection:** It is recommended to have the unit inspected by a qualified professional periodically to ensure optimal performance and address any potential issues.

TROUBLESHOOTING

If you encounter issues with your Senville Tankless Water Heater, consider the following general advice. For complex problems, always contact a qualified professional or Senville customer support.

- **No Hot Water:** Check if the circuit breakers are tripped. Ensure the water supply is on and there is sufficient water pressure.
- **Inconsistent Temperature:** Verify the set temperature on the digital display. Ensure there is adequate water flow.
- **Error Codes:** If an error code appears on the display, refer to the full product manual (if available from Senville) or contact customer support for specific interpretations and solutions.

SPECIFICATIONS

Feature	Specification
Brand	Senville
Model Number	SENWH-DSF18-0EG
Wattage	18000 watts (18KW)
Voltage	240 Volts
Style	Indoor Installation
Color	White
Item Weight	16.17 pounds
Package Dimensions	22 x 13.5 x 6.5 inches
UPC	893088008880

WARRANTY AND SUPPORT

Senville stands behind the quality of its products.

- **Warranty:** This electric tankless water heater is backed by a 5-year manufacturer replacement warranty. Please note that the warranty may be invalid if the unit is not installed by a licensed electrician. Retain your proof of purchase and installation records.
- **Customer Support:** For technical assistance, warranty claims, or further information, please contact Senville customer support. Visit the official Senville website for contact details.

