

GIRARD PRODUCTS. LLC.

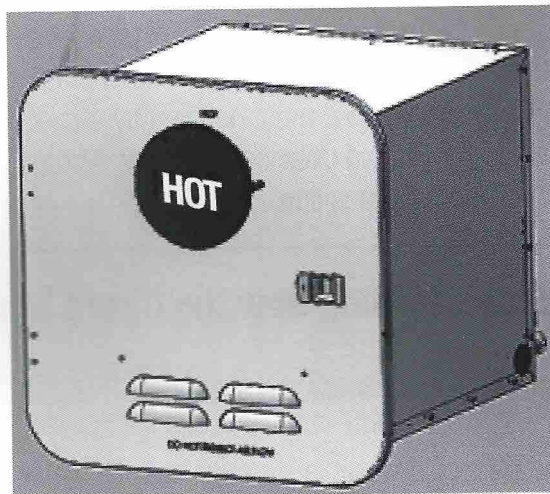
Technical Manual

Model: GSWH-2

Features:

- Demand Tankless Water Heater
- LP Gas / Induced Draft
- Constant Outlet Temperature
- Linear Gas Control Valve
- Electronic Gas Modulation
- Microprocessor Controls

- **Installation**
- **Operation**
- **Service and Maintenance**



Installation and service must be performed by a certified installer, service agency or gas supplier.

This water heater is certified for installation in Recreation Vehicles (RV's) and is not for use in Marine or Space Heating Applications.

For service and spare parts:
Australian RV Accessories
924 Burwood Highway
Ferntree Gully
Victoria 3156
Australia

This Water Heater is not suitable for use as a pool heater.

Girard Products LLC, 1361 Calle Avanzado, San Clemente CA 92673 USA

TANKLESS WATER HEATER - Model GSWH-2

Operation



CONSUMER SAFETY WARNING!

- Use with LP gas only.
- Shut off all gas appliances and pilot lights when refueling.
- Turn gas OFF at the LP tank when vehicle is in motion. This disables all gas appliances and pilot lights. Gas appliances must never be operated while vehicle is in motion.
- LP tanks must be filled by a qualified gas supplier only.
- Should overheating occur, turn gas OFF at the LP tank and turn the operating switch to the OFF position.

A: Understanding How the Girard Tankless Water System Works

In a conventional installation the Girard Tankless Water Heater is connected to:

1. The RV's cold water system deriving its water input from a pressurized (310 kPa or greater) source such as a shore connection or an RV water pump connected to the RV's fresh water storage tank. NOTE - A steady water flow (no pulsating) will ensure a consistent temperature and performance.
2. The RV's hot water system (i.e. faucets and shower).
3. The RV's LP Gas system capable of supplying its rated BTU requirement. The Girard Products model GSWH-2 introduces a new generation of smart tankless water heater designed specifically for Recreation Vehicles (RV). Its configuration and size are consistent with the tank based RV water heaters currently in use and is designed for OEM's and after- market use by the RV industry.
4. The RV's 12VDC electrical power.

The Water Heater's microprocessor based controller (Control Module) receives from electronic sensors the data it needs to decide each step of the Model GSWH-2 operation.

1. Display on the User Control Panel (UCP) each phase of the Water Heater's operation and receive from the user the operation parameters desired:
 - ON/OFF to activate
 - Desired outlet temperature
2. Verify that all components are in working order and that it is safe to start the unit upon sensing the minimum amount of water flow required (2.65 liters/min)

