

ProCom FS100T-TA

ProCom Dual Fuel Ventless Gas Fireplace System with Mantle

USER MANUAL

Model: FS100T-TA | Brand: ProCom

Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your ProCom Dual Fuel Ventless Gas Fireplace System. Please read this manual thoroughly before installation or use and retain it for future reference.

The ProCom Ventless Dual Fuel fireplace is designed to generate up to 10,000 BTU, featuring an arched zero clearance gas insert recessed into a stunning toasted almond compact mantel. It offers the flexibility of using either Natural Gas or Liquid Propane. This system is 99.9% efficient and can heat up to 500 sq. ft. without the need for an outside duct or chimney.

1. Important Safety Information

WARNING: This item is not for sale to residents in California due to Proposition 65. Check your local regulations before purchasing and installation.

WARNING: Ventless heaters do not operate at elevations above 4,500 feet altitude.

- Always ensure proper ventilation as specified in the installation manual.
- This appliance is designed for indoor use only. Do not install or use outdoors.
- The built-in pilot Oxygen Depletion Sensor (ODS) is a safety feature that immediately shuts down the unit if carbon monoxide or lack of oxygen is detected. Do not tamper with or bypass this safety device.
- Keep combustible materials, gasoline, and other flammable vapors and liquids away from the appliance.
- Never leave the fireplace unattended while in operation.
- Ensure the fireplace is installed by a qualified technician, especially concerning gas line connections.

2. Product Overview

The ProCom Dual Fuel Ventless Gas Fireplace System combines efficient heating with a classic aesthetic. Key features include:

- Ventless Dual Fuel Technology:** Operates on Natural Gas or Liquid Propane, 10,000 BTU output, 99.9% efficient, heats up to 500 sq. ft.
- Thermostat Control:** Automatically cycles on and off to maintain desired room temperature.
- Stylish Design:** Features 4 hand-painted realistic ceramic fiber faux fireplace logs and a furniture-grade mantel in

Toasted Almond finish with light distressing and burnishing.

- **Safety Features:** Battery-assisted Piezo ignition with built-in pilot Oxygen Depletion Sensor (ODS).



Front view of the ProCom Dual Fuel Ventless Gas Fireplace System, showcasing the Toasted Almond mantel and the realistic ceramic logs with active flames.



The ProCom Dual Fuel Ventless Gas Fireplace System integrated into a living space, demonstrating its compact size and aesthetic appeal next to a sofa.

3. Specifications

Feature	Detail
Brand	ProCom
Model Name	Dual Fuel
Model Number	FS100T-TA
Product Dimensions	12.5"D x 28"W x 36.5"H
Item Weight	42 Pounds (91.65 lbs with packaging)

Feature	Detail
Material	Ceramic (logs), Wood (mantel)
Color	Toasted Almond
Heat Output	10,000 BTU
Heating Coverage	Up to 500 sq ft
Power Source	Natural Gas or Liquid Propane (Dual Fuel)
Ventilation Type	Vent Free
Included Components	Burner, 4 Ceramic Logs, Mantel, Iron Grate, 1 AAA battery
Ignition Type	Battery-assisted Piezo ignition
Special Feature	Adjustable Thermostat, Oxygen Depletion Sensor (ODS)
UPC	848660004880

4. Setup and Installation

While some assembly of the mantel is required, the gas insert comes pre-assembled. The blocking system for assembly is designed for ease of setup.

- **Assembly:** The mantel consists of five main pieces. An extra set of hands may be helpful during assembly to hold pieces together.
- **Clearance:** Ensure a minimum clearance of 42 inches from the top of the fireplace to the ceiling.
- **Gas Connection:** It is highly recommended that a qualified technician performs all gas piping work to ensure safe and proper connection to either Natural Gas or Liquid Propane supply. Consider installing a shut-off valve directly at the fireplace gas line for convenience and safety.
- **Log Placement:** Carefully place the 4 ceramic fiber logs onto the iron grate as per the detailed instructions in the full installation manual.
- **Battery Installation:** Install the provided AAA battery for the Piezo ignition system.

For detailed step-by-step installation instructions, please refer to the official [Installation Manual \(PDF\)](#).

5. Operating Instructions

Your ProCom fireplace is designed for user-friendly operation.

- **Fuel Selection:** The patented Dual Fuel Technology allows you to connect to either a Natural Gas or Liquid Propane supply. Ensure the correct fuel type is connected and the appliance is configured accordingly by a professional.
- **Ignition:** To ignite the fireplace, use the push-button Piezo ignition. This system is battery-assisted for reliable starting. Follow the specific lighting instructions detailed in the installation manual.
- **Thermostat Control:** The integrated thermostatic control allows you to set a desired room temperature. The fireplace will automatically cycle on and off to maintain this temperature, providing efficient heating and comfort.
- **Flame Adjustment:** Adjust the flame height and heat output as desired using the control knob.

- **Shutting Down:** To turn off the fireplace, rotate the control knob to the "OFF" position. If a gas shut-off valve is installed at the unit, it is recommended to close it when the fireplace will not be used for an extended period.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your fireplace.

- **Cleaning:** Periodically clean the exterior of the mantel with a soft, damp cloth. Avoid abrasive cleaners that may damage the finish.
- **Log Inspection:** Inspect the ceramic logs regularly for any signs of damage or displacement. Ensure they are properly seated on the grate.
- **Burner Area:** Keep the burner and pilot areas free from dust, lint, and debris. Use a soft brush or vacuum cleaner with a brush attachment.
- **Annual Inspection:** It is recommended to have your fireplace inspected annually by a qualified gas appliance technician to ensure all components are functioning correctly and safely.

7. Troubleshooting

If you encounter issues with your fireplace, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Fireplace does not ignite.	No gas supply, pilot light not lit, faulty igniter, low battery.	Check gas supply valve. Follow lighting instructions carefully. Replace AAA battery. If problem persists, contact a technician.
Pilot light goes out frequently.	Low gas pressure, dirty pilot, ODS activation.	Ensure adequate ventilation. Clean pilot assembly. If ODS activates, ventilate the area and check for obstructions. Contact a technician if persistent.
Faint gas smell when off.	Residual gas in line, minor leak.	Ensure main gas supply to the unit is completely off when not in use. Consider installing a shut-off valve at the fireplace. If smell persists or is strong, immediately shut off main gas supply and contact emergency services/gas company.
Insufficient heat output.	Incorrect thermostat setting, room size too large, drafts.	Adjust thermostat to a higher setting. Ensure room is adequately insulated. This unit is designed for up to 500 sq ft.

For issues not covered here, or if troubleshooting steps do not resolve the problem, please contact a qualified service technician.

8. Warranty Information

The ProCom Dual Fuel Ventless Gas Fireplace System is covered by a **1-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use and service. For specific details regarding warranty claims, exclusions, and limitations, please refer to the warranty documentation included with your product or contact ProCom customer support.

9. Customer Support

Should you require assistance with your ProCom fireplace, have questions about operation, or need to order replacement parts, please contact ProCom Heating Inc. customer support.

Refer to the contact information provided in your product packaging or visit the official ProCom website for the most up-to-date support details.

You may also find helpful resources and frequently asked questions on the manufacturer's support pages.

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