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ProCom MN180TPA-B

ProCom MN180TPA-B Natural Gas Ventless Infrared Plaque Heater User Manual

Model: MN180TPA-B

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your ProCom MN180TPA-B Natural Gas Ventless Infrared Plaque Heater. Please read all instructions carefully before installation, operation, or maintenance. Retain this manual for future reference.



Image: Front view of the ProCom MN180TPA-B Natural Gas Ventless Infrared Plaque Heater, showcasing its compact design and infrared heating plaques.

SAFETY INFORMATION

Your ProCom heater is designed with safety in mind. It is a ventless unit, meaning it does not require an outside duct or chimney. However, proper ventilation is still crucial for safe operation. This heater is equipped with an Oxygen Depletion Sensor (ODS) that automatically shuts down the unit if oxygen levels become too low. It is ANSI Certified to ensure safety standards are met.

- Always ensure adequate air circulation in the room where the heater is operating.
- Do not obstruct the air intake or exhaust vents of the heater.
- Never use this heater in a recreational vehicle or boat.
- Keep flammable materials at a safe distance from the heater.
- Regularly inspect the gas connections for leaks.

PRODUCT FEATURES

- **Infrared Heat Technology:** Produces 18,000 Maximum BTU, heating up to 950 sq. ft.
- **Ventless Design:** No outside duct or chimney required.
- **Natural Gas Operation:** Designed exclusively for natural gas fuel.
- **Thermostat Control:** Allows setting to desired comfort level with High/Medium/Low settings.
- **Piezo Ignition:** Push-button ignition for easy startup, no electricity or batteries required.
- **Oxygen Depletion Sensor (ODS):** Automatically shuts off the heater if oxygen levels drop.
- **Versatile Installation:** Can be mounted on a wall or placed on the floor using included base feet.

DEPENDABLE SOURCE OF HEAT!

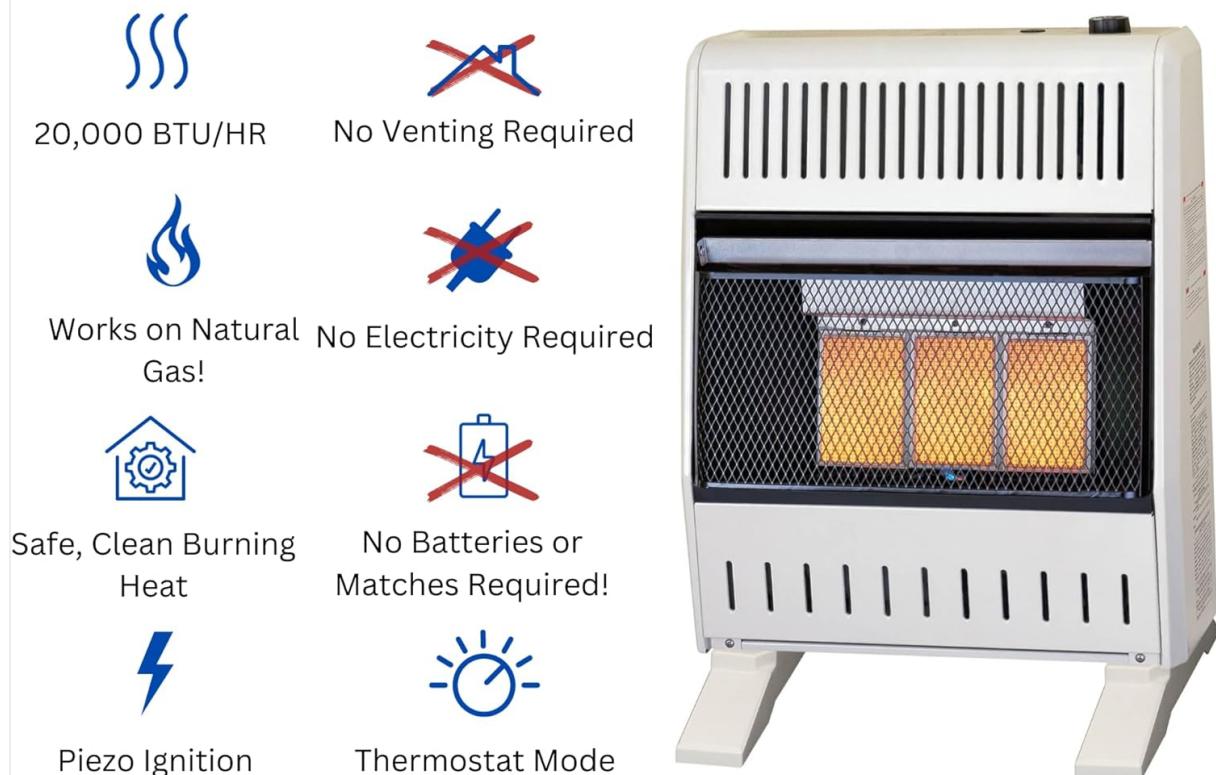


Image: Diagram highlighting key features of the ProCom heater, including BTU output, ventless operation, natural gas compatibility, no electricity requirement, safety features, Piezo ignition, and thermostat mode.

SETUP

The ProCom MN180TPA-B heater offers flexible installation options: wall-mounted or floor-standing.

Unpacking and Inspection

- Carefully remove all packaging materials.

- Inspect the heater for any shipping damage. Do not install a damaged unit.
- Ensure all components listed in the packing list are present.

Choosing a Location

Select a location that allows for proper clearances from combustible materials. Ensure the area has adequate ventilation as per local codes and the heater's specifications.

Installation Options

Floor Standing: Attach the included base feet to the bottom of the heater using the provided hardware. Ensure the heater is stable and level.

Wall Mounting: Use the included wall mounting bracket and hardware. Follow the detailed instructions in the manufacturer's full installation guide for secure wall attachment and proper clearances.

INCLUDES EVERYTHING YOU NEED!



Base Feet



Wall Bracket



Oxygen Depletion Sensor



Operates On Natural Gas
Only



Image: Components included with the ProCom heater, showing the main unit, base feet, wall bracket, and highlighting the Oxygen Depletion Sensor and natural gas operation.



Image: The ProCom MN180TPA-B heater mounted on a wall in a living space, demonstrating its compact profile and integration into a room.

Gas Connection

This heater operates on natural gas only. Connection to the natural gas supply must be performed by a qualified professional in accordance with all local codes and regulations. Ensure all connections are leak-tested before operation.

OPERATING INSTRUCTIONS

Follow these steps to safely operate your ProCom MN180TPA-B heater.

Ignition Procedure

1. Ensure the gas supply valve is open.
2. Turn the control knob to the 'PILOT' position.
3. Press and hold the control knob in while simultaneously pressing the Piezo ignition button repeatedly until the pilot flame ignites.
4. Continue to hold the control knob in for approximately 30-60 seconds after the pilot ignites to allow the thermocouple to heat up. Release the knob; the pilot should remain lit.
5. If the pilot does not remain lit, repeat steps 2-4.

- Once the pilot is stable, turn the control knob to the desired heat setting (1-5). The main burner will ignite.

Thermostat Control

The heater features a thermostat control with 5 variable heat settings. Rotate the control knob to select your preferred heat output. The heater will cycle on and off to maintain the set temperature.

THERMOSTAT CONTROLS



Piezo Ignition

5 Variable Heat Settings

Image: Close-up view of the control panel on the ProCom heater, showing the Piezo ignitor button and the rotary knob for 5 variable heat settings and pilot control.

Shutting Down the Heater

- Turn the control knob to the 'OFF' position.
- For prolonged shutdown, close the main gas supply valve to the heater.

MAINTENANCE

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

- Cleaning:** Ensure the heater is completely cool before cleaning. Use a soft, damp cloth to wipe down the exterior. Do not use abrasive cleaners.
- Pilot and Burner Inspection:** Periodically inspect the pilot and burner ports for dust or debris. Clean gently with a soft brush if necessary.
- Gas Connections:** Annually check all gas connections for tightness and signs of wear.
- Professional Service:** It is recommended to have the heater inspected by a qualified service

technician at least once a year.

TROUBLESHOOTING

If you encounter issues with your heater, refer to the following common problems and solutions. For persistent issues, contact a qualified service technician.

Problem	Possible Cause	Solution
Pilot will not light	No gas supply; Air in gas line; Pilot orifice clogged; Faulty thermocouple	Check gas supply; Purge air from line; Clean pilot orifice; Contact technician
Pilot lights but will not stay lit	Thermocouple not heating sufficiently; Loose thermocouple connection; Faulty ODS pilot assembly	Hold knob longer; Tighten connection; Contact technician
Main burner will not ignite	Pilot not lit; Main burner orifice clogged; Low gas pressure	Ensure pilot is lit; Clean burner orifice; Contact gas provider/technician
Heater cycles off frequently	Insufficient ventilation; ODS activation; Thermostat setting too high for room size	Increase ventilation; Check for obstructions; Adjust thermostat setting

SPECIFICATIONS

Attribute	Detail
Brand	ProCom
Model Number	MN180TPA-B
Fuel Type	Natural Gas
Maximum BTU Output	18,000 BTU
Heating Coverage	Up to 950 sq. ft.
Ignition Type	Push Button Piezo
Control Type	Thermostat (High/Medium/Low)
Safety Features	Oxygen Depletion Sensor (ODS)
Mounting Options	Wall Mount, Floor Standing (Base Feet Included)
Product Dimensions	8"D x 22"W x 26"H
Item Weight	26.2 pounds
Color	White
Certifications	CSA Certified, ANSI Certified

MEASUREMENTS

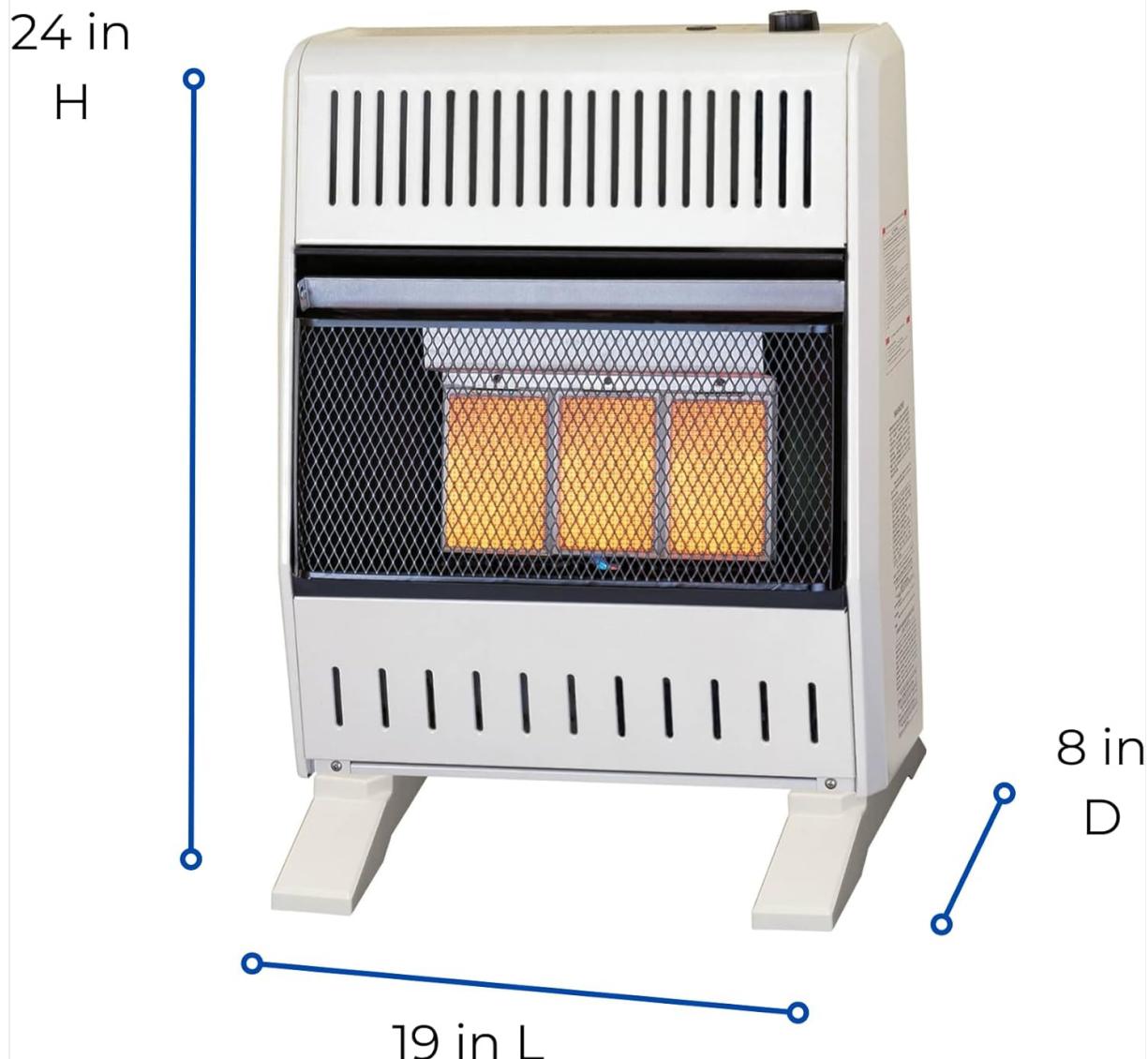


Image: Diagram illustrating the dimensions of the ProCom MN180TPA-B heater: 24 inches H, 19 inches L, and 8 inches D.

WARRANTY INFORMATION

For detailed warranty information regarding your ProCom MN180TPA-B Natural Gas Ventless Infrared Plaque Heater, please refer to the warranty card included with your product packaging or visit the official ProCom website. Warranty terms and conditions may vary.

CUSTOMER SUPPORT

If you require assistance, have questions about your heater, or need to report an issue, please contact ProCom customer support. Refer to your product packaging or the official ProCom website for the most current contact information, including phone numbers, email addresses, and online support resources.