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ProCom MN300TBA-B

ProCom MN300TBA-B Ventless Natural Gas Blue Flame Space Heater Instruction Manual

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1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your ProCom MN300TBA-B Ventless Natural Gas Blue Flame Space Heater. Please read all instructions carefully before installation and use. Retain this manual for future reference.



Figure 1: ProCom MN300TBA-B Ventless Natural Gas Blue Flame Space Heater.

2. IMPORTANT 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.

- This heater is hot while in operation. Do not touch the hot surfaces. Keep children, clothing, and furniture away.
- Keep the burner and control compartment clean.
- This heater shall not be installed in a bedroom or a bathroom.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.









- Ensure adequate ventilation. Ventless gas heaters consume oxygen from the room.
- A built-in Oxygen Depletion Sensor (ODS) system immediately shuts down the heater if carbon monoxide or lack of oxygen is detected.
- For your safety, always install a carbon monoxide detector in your home.

3. PRODUCT FEATURES

The ProCom MN300TBA-B heater offers efficient heating with several key features:

- **Technology:** Produces 30,000 Maximum BTU using Natural Gas, heating up to 1400 sq. ft.
- **Dependable:** Features a thermostat control with High/Medium/Low settings for optimal heat flow.
- **Stylish:** Slim and modern profile, suitable for wall mounting or floor placement with included base feet.
- **Safe:** Equipped with a push-button ignition and a built-in pilot Oxygen Depletion Sensor (ODS) for safety. ANSI Certified.
- **Convenient:** Operates without electricity, making it suitable for power outages.

DEPENDABLE SOURCE OF HEAT!

 30,000 BTU/HR	 No Venting Required
 Works on Natural Gas!	 No Electricity Required
 Safe, Clean Burning Heat	 No Batteries or Matches Required!
 Piezo Ignition	 Thermostat Mode




Figure 2: Key features of the ProCom Ventless Heater.

INCLUDES EVERYTHING YOU NEED!



Base Feet



Wall Bracket



Oxygen Depletion Sensor



Operates On Natural Gas
Only



Figure 3: Included components and fuel type.

4. SETUP AND INSTALLATION

This heater can be installed as a wall-mounted unit or placed on the floor using the provided base feet. Professional installation is recommended for gas connections.

4.1 Unpacking and Inspection

Carefully remove the heater from its packaging. Inspect for any damage. Ensure all components, including base feet and wall mount hardware, are present.

4.2 Placement Considerations

- Ensure the heater is placed on a level, stable surface if using base feet.
- Maintain proper clearances from combustible materials as specified in the full installation instructions.
- Do not install in a bedroom or bathroom.
- Ensure adequate ventilation in the room where the heater is installed.

4.3 Mounting Options

The heater comes with hardware for both wall mounting and floor placement.

- **Wall Mount:** Use the included wall bracket and fasteners to securely attach the heater to a suitable wall surface.

- **Base Feet:** Attach the provided base feet to the bottom of the heater for freestanding operation.

RELIABLE CONSTRUCTION

Without compromising function for beauty, this versatile gas space heater has been redesigned for a slimmer and modernized profile to effortlessly fit into your home.



Blue Flame Technology



Included Base Feet



Figure 4: Heater with base feet, highlighting blue flame technology.

MEASUREMENTS

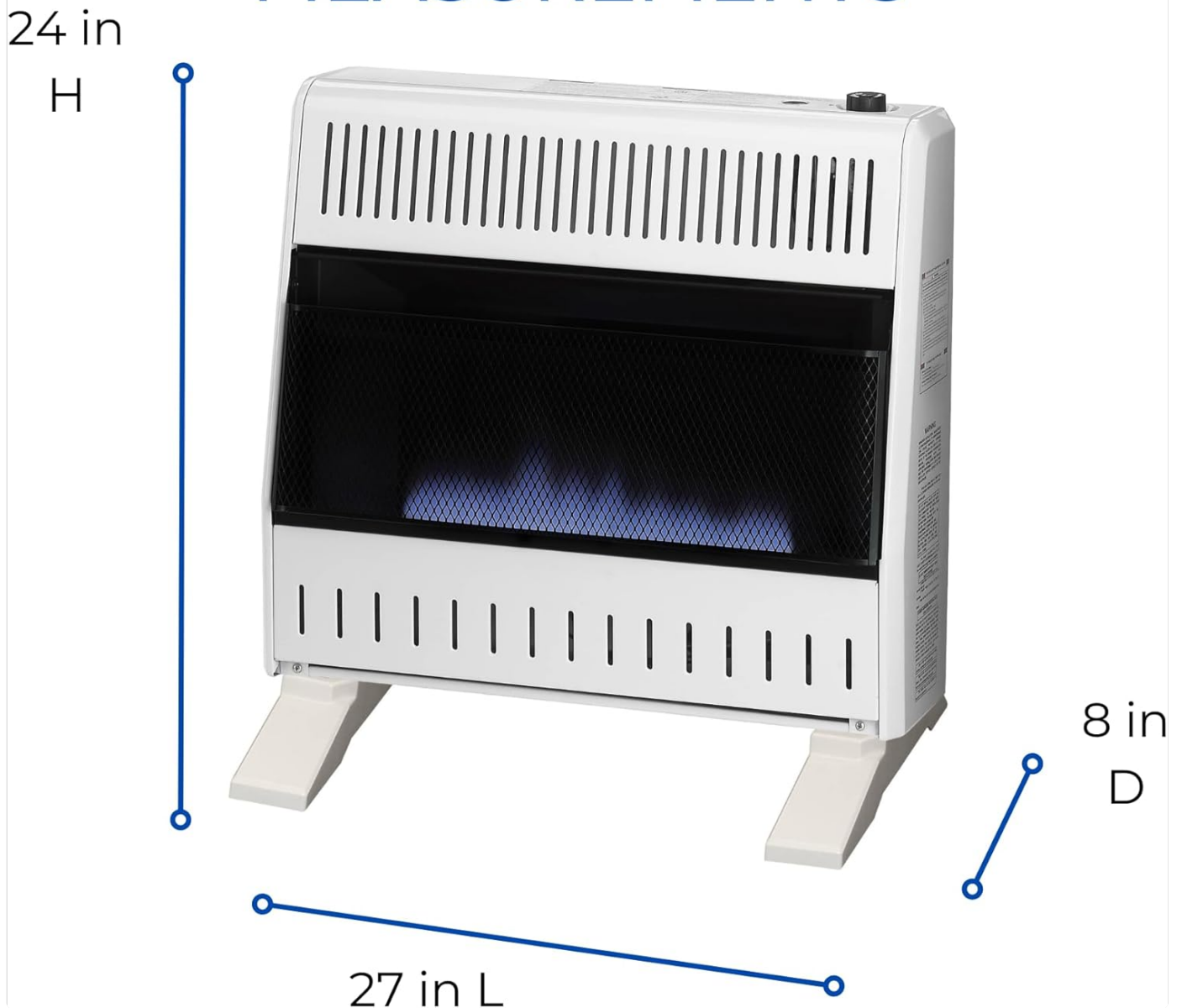


Figure 5: Product dimensions for installation planning.

4.4 Gas Connection

This heater operates on Natural Gas. Connect the heater to your natural gas supply line according to local codes and manufacturer instructions. It is highly recommended to have a qualified professional perform the gas connection to ensure safety and proper function.

5. OPERATING INSTRUCTIONS

Follow these steps to operate your ProCom Ventless Natural Gas Heater:

5.1 Ignition

1. Ensure the gas supply is turned on.
2. Turn the thermostat control knob to the 'PILOT' setting.
3. Push and hold the control knob in while simultaneously pressing the ignitor button repeatedly until the pilot flame lights.
4. Continue to hold the control knob in for approximately 30-60 seconds after the pilot lights to allow the thermocouple

to heat up. Release the knob slowly. If the pilot goes out, repeat the process.

5.2 Adjusting Heat (Thermostat Control)

Once the pilot is lit, turn the thermostat control knob to your desired heat setting. The heater offers High, Medium, and Low settings to maintain a comfortable room temperature.

5.3 Shutting Down

1. To turn off the main burner, turn the thermostat control knob to the 'OFF' position. The pilot light will remain lit.
2. To completely shut down the heater (including the pilot light), turn the control knob to 'OFF PILOT'.
3. For extended periods of non-use, it is recommended to turn off the main gas supply valve to the heater.

THERMOSTAT CONTROLS



Piezo Ignition



5 Variable Heat Settings

Figure 6: Ignitor and Thermostat Controls.

Video 1: Product Summary Video demonstrating general features and operation.

6. MAINTENANCE

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

- **Cleaning:** Keep the burner and control compartment clean. Use a vacuum cleaner to remove dust and lint from the

air intake and outlet grilles.

- **Pilot Light and Burner Inspection:** Periodically check the pilot light and main burner flames for proper appearance (blue, steady flame). Refer to the full manual for detailed flame characteristics.
- **Gas Connections:** Annually inspect all gas connections for leaks using a soap solution. Never use an open flame to check for gas leaks.
- **Professional Service:** It is recommended to have your heater inspected by a qualified service technician at least once a year.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Pilot will not light	No gas supply; Air in gas line; Pilot orifice clogged	Check gas valve; Purge air from line; Clean pilot orifice
Pilot will not stay lit	Thermocouple faulty; Pilot flame too small	Replace thermocouple; Adjust pilot flame
Main burner will not light	Pilot not lit; Thermostat set too low; Main burner orifice clogged	Light pilot; Adjust thermostat; Clean burner orifice
Heater produces odor	New unit burn-off; Dust/debris on burner; Inadequate ventilation	Allow initial burn-off; Clean heater; Ensure proper ventilation

8. SPECIFICATIONS

Attribute	Detail
Brand	ProCom
Model Number	MN300TBA-B
Fuel Type	Natural Gas
BTU Output	30,000 BTU
Heating Coverage	Up to 1400 sq. ft.
Special Feature	Adjustable Temperature (Thermostat Control)
Color	White
Form Factor	Pedestal (Floor Mount)
Mounting Type	Floor Mount, Wall Mount
Product Dimensions	8"D x 29"W x 28"H
Item Weight	29.7 pounds
Burner Type	Blue Flame





Attribute	Detail
UPC	848660008383

9. WARRANTY & SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official ProCom website. Keep your purchase receipt for warranty claims.

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Related Documents - MN300TBA-B

	<p>Procom NEW PRO-9900 AM/FM Citizens Band 2-Way Radio User Manual</p> <p>User manual for the Procom NEW PRO-9900 AM/FM Citizens Band 2-Way Radio, detailing its functions, operations, features, and technical specifications for optimal use.</p>
	<p>PROCOTM Atlas Loud Mouth Digital Wireless Intercom User Manual</p> <p>This user manual provides comprehensive information on the PROCOTM Atlas Loud Mouth Digital Wireless Intercom, including its features, operation, specifications, safety guidelines, and FCC compliance.</p>
	<p>ProCom Vent-Free Gas Wall Heater Owner's Operation and Installation Manual</p> <p>This manual provides operation and installation instructions for ProCom Vent-Free Gas Wall Heaters, including models MN2PHG, MN2PTG, MN3PHG, MN3PTG, ML2PHG, ML2PTG, ML3PHG, and ML3PTG. It covers safety precautions, product features, specifications, installation procedures, operation, troubleshooting, parts, accessories, and warranty information.</p>
	<p>ProCom Heating Vent-Free Gas Log Heater Manual</p> <p>This manual provides comprehensive installation, operation, safety, and maintenance instructions for ProCom Heating Vent-Free Gas Log Heater models PCNSD18T, PCNSD24TD, and PCNSD24M. Learn how to safely install and use your gas log heater.</p>



[ProCom Heating FBNSD28T Vent-Free Gas Fireplace Insert Owner's Operation and Installation Manual](#)

Comprehensive owner's operation and installation manual for the ProCom Heating FBNSD28T Vent-Free Gas Fireplace Insert. Includes safety guidelines, specifications, installation procedures, operating instructions, maintenance, and troubleshooting.



[L.B. White Premier Tent Heaters Owner's Manual and Instructions TS080 TS170](#)

Comprehensive owner's manual and instructions for L.B. White Premier Tent Heaters (Models TS080, TS170), covering installation, operation, safety, and maintenance for temporary heating applications.