

ProCom ML200HBA-B

ProCom Heating Liquid Propane Ventless Blue Flame Heater

MODEL: ML200HBA-B (20,000 BTU, MANUAL CONTROL)

User Manual

1. IMPORTANT SAFETY INFORMATION

Please read and understand all instructions and warnings in this manual before installing, operating, or servicing this heater. Failure to follow these instructions may result in property damage, personal injury, or death.

- This heater is designed for indoor use only.
- **Propane Fuel Only:** This appliance operates exclusively on liquid propane gas. Do not attempt to use any other fuel type.
- **Vent-Free Operation:** This is a vent-free appliance. Ensure adequate ventilation as specified in local codes and this manual.
- **Professional Installation:** Installation and service must be performed by a qualified installer, service agency, or the gas supplier.
- **Altitude Restriction:** Vent-free heaters do not operate reliably at elevations above 4,500 feet altitude.
- **Oxygen Depletion Sensor (ODS):** This heater is equipped with an ODS safety pilot system designed to shut off the heater if oxygen levels in the room become too low. Do not tamper with or bypass this safety feature.
- **Clearance to Combustibles:** Maintain proper clearances from combustible materials as indicated in the installation section.
- **California Residents:** This item is not for sale to residents in California. Check your local regulations before purchasing and installation.

2. PRODUCT OVERVIEW

The ProCom Heating ML200HBA-B is a 20,000 BTU liquid propane ventless blue flame heater designed to provide reliable supplemental heat for areas up to 950 square feet. It features manual controls and a push-button piezo ignition system, requiring no electricity for operation.



Figure 2.1: Front view of the ProCom Heating ML200HBA-B Ventless Blue Flame Heater with base feet installed.

Key Features:

- 20,000 BTU maximum heat output, heating up to 950 sq. ft.
- Operates on Liquid Propane only.
- No electricity required for operation, ideal during power outages.
- Push-button Piezo ignition for easy startup.

- Manual control with three heat settings: Low, Medium, High.
- Integrated Oxygen Depletion Sensor (ODS) for safety with automatic shut-off.
- Includes base feet for floor standing and a wall mounting bracket for wall installation.

DEPENDABLE SOURCE OF HEAT!










		
20,000 BTU/HR	No Venting Required	
		
Works on Propane!	No Electricity Required	
		
Safe, Clean Burning Heat	No Batteries or Matches Required!	
		
Piezo Ignition	Manual Controls	

Figure 2.2: Visual summary of the heater's operational features and benefits.

3. SETUP AND INSTALLATION

This heater can be installed as a freestanding unit using the included base feet or permanently mounted to a wall using the provided wall bracket. Always ensure installation is performed by a qualified professional and adheres to all local codes and regulations.

3.1 Unpacking and Inspection

- Carefully remove the heater and all components from the packaging.
- Inspect the heater for any shipping damage. If damage is found, do not install or operate the heater. Contact your dealer immediately.
- Verify that all included components are present: heater unit, base feet, wall mounting bracket, and necessary hardware (screws for feet and bracket).

3.2 Location Requirements

- Select a location that allows for proper clearances from combustibile materials (walls, furniture, drapes, etc.). Refer to the heater's labels for specific clearance requirements.
- Ensure the room has adequate air circulation for vent-free operation.
- Do not install in bathrooms, bedrooms, or recreational vehicles.
- Avoid areas with high drafts or where the heater could be exposed to water.



Figure 3.1: Example of the heater installed on a wall, demonstrating its compact profile.

3.3 Attaching Base Feet (for Freestanding Use)

- Carefully lay the heater on its back on a soft, protected surface.
- Align the base feet with the pre-drilled holes on the bottom of the heater.
- Secure the feet using the provided screws. Ensure they are tightened firmly.

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.

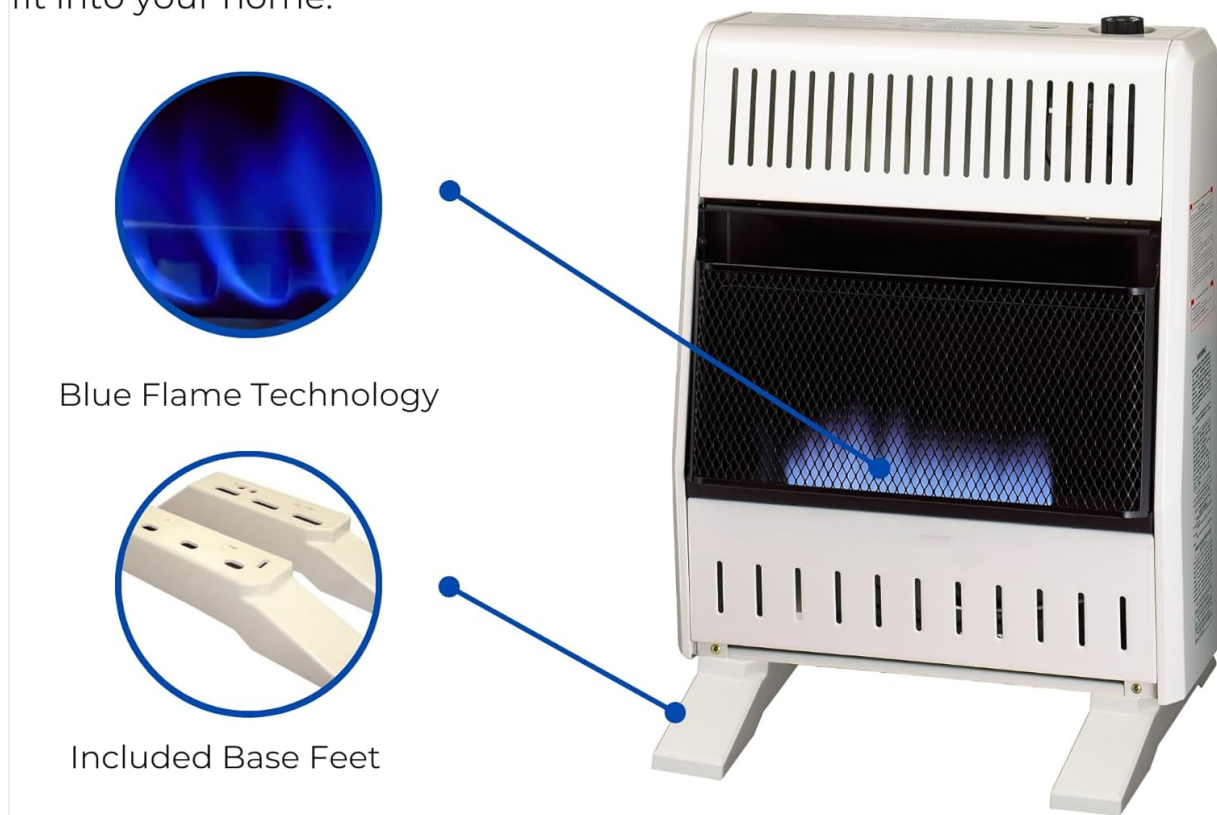


Figure 3.2: Detail of the blue flame technology and the included base feet for stable placement.

3.4 Wall Mounting (Optional)

- Refer to the detailed instructions included with the wall mounting bracket for proper installation.
- Ensure the wall can support the weight of the heater and that mounting hardware is appropriate for the wall material.

3.5 Gas Connection

- Connect the heater to a liquid propane supply line. This connection must be made by a qualified professional.
- Ensure all gas connections are leak-tested using a non-corrosive leak detection solution. Never use an open flame to check for leaks.
- The heater operates at a specific gas pressure. Ensure the supply pressure is within the specified range for safe operation.

4. OPERATING INSTRUCTIONS

This heater features manual controls for ignition and heat output. No electrical power is required for basic operation.

4.1 Lighting the Heater (Piezo Ignition)

1. Ensure the gas supply valve is open.
2. Locate the control knob and the ignitor button on the heater.
3. Push in and turn the control knob counter-clockwise to the 'PILOT IGN' position.
4. While holding the control knob in, repeatedly press the ignitor button until the pilot flame ignites. You should see a small blue flame at the pilot burner.
5. Continue to hold the control knob in for approximately 30-60 seconds after the pilot flame ignites. This allows the thermocouple to heat up and hold the pilot valve open.
6. Release the control knob. If the pilot flame extinguishes, repeat steps 3-5.
7. Once the pilot flame is stable, push in and turn the control knob counter-clockwise to your desired heat setting (LOW, MEDIUM, or HIGH). The main burner will ignite.

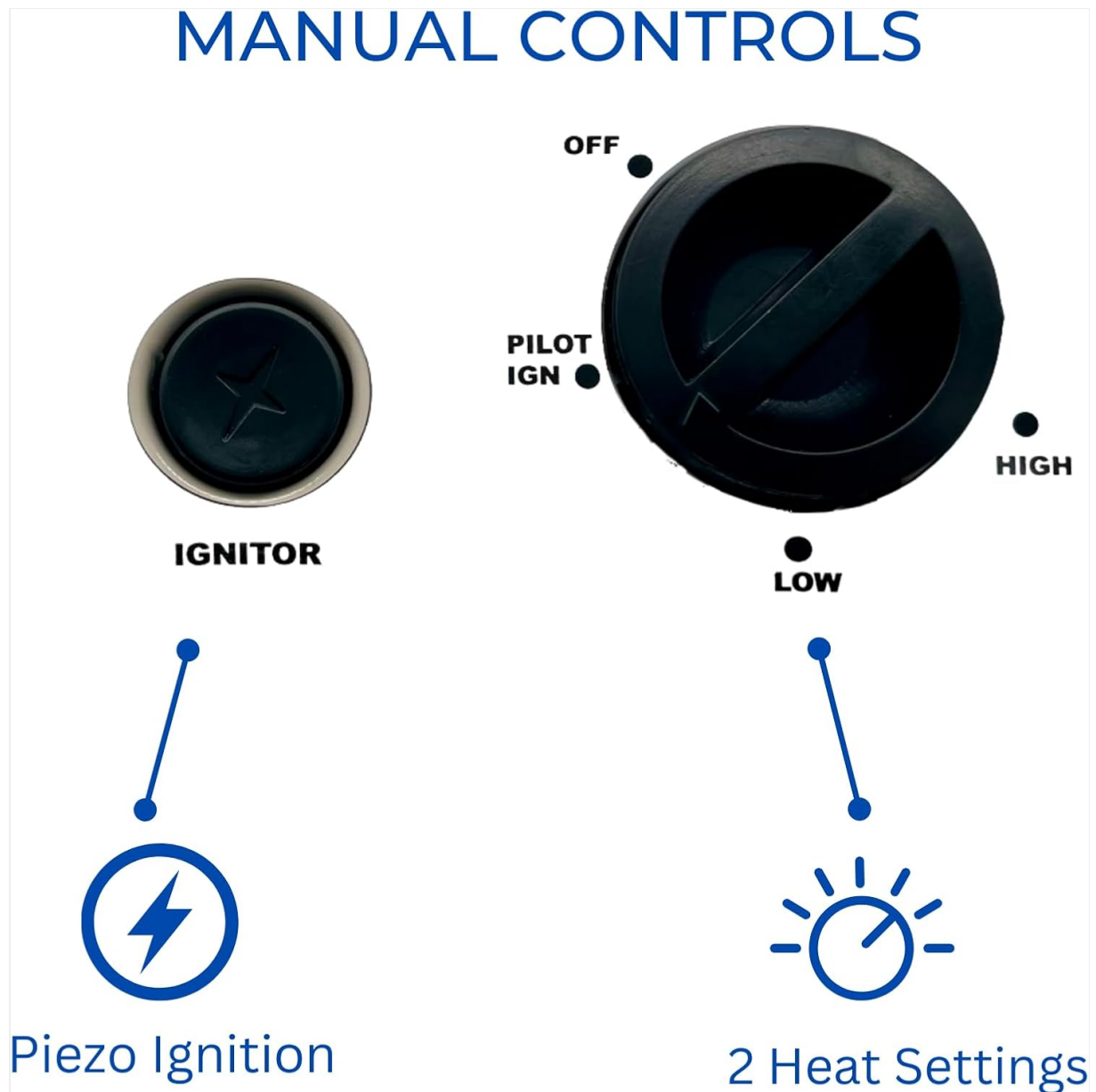


Figure 4.1: Manual control knob and ignitor button for operating the heater.

4.2 Adjusting Heat Output

To adjust the heat output, simply push in and turn the control knob to one of the three settings: LOW, MEDIUM, or HIGH. The heater will adjust its flame intensity accordingly.

4.3 Turning Off the Heater

To turn off the heater, push in and turn the control knob clockwise to the 'OFF' position. Ensure the main

burner and pilot flame are extinguished. For extended periods of non-use, also close the main gas supply valve.

5. MAINTENANCE

Regular maintenance ensures the safe and efficient operation of your heater. Always disconnect the gas supply and allow the heater to cool completely before performing any maintenance.

- **Cleaning:** Periodically clean the exterior surfaces of the heater with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Burner and Pilot Area:** Keep the burner ports and pilot assembly clean and free of dust, lint, or debris. A soft brush or vacuum cleaner can be used. Blocked ports can affect performance and safety.
- **Annual Inspection:** It is recommended to have the heater inspected annually by a qualified service technician to ensure all components are functioning correctly and safely.
- Do not paint any part of the heater.

6. TROUBLESHOOTING

If you experience issues with your heater, consult the following troubleshooting guide. For problems not listed here or if solutions do not resolve the issue, contact a qualified service technician.

Problem	Possible Cause	Solution
Pilot will not light	No gas supply Air in gas line Pilot orifice clogged Ignitor not sparking	Ensure gas supply valve is open Bleed air from line by holding pilot knob in for longer Clean pilot orifice Check ignitor electrode for damage or proper gap
Pilot lights but will not stay lit when knob is released	Thermocouple not heating sufficiently Loose thermocouple connection Faulty thermocouple	Hold control knob in longer after pilot lights Check and tighten thermocouple connection Replace thermocouple (professional service recommended)
Main burner will not light	Pilot not lit Main burner orifice clogged Low gas pressure	Ensure pilot is lit and stable Clean main burner orifice Verify adequate gas supply pressure
Heater produces an odor	Initial burn-off of manufacturing oils Dust/debris on burner Inadequate ventilation	Operate heater in a well-ventilated area for a few hours Clean burner area Ensure proper room ventilation
Heater shuts off unexpectedly	Oxygen Depletion Sensor (ODS) activated Low gas pressure Pilot flame extinguished	Increase ventilation in the room Check gas supply Relight pilot flame

7. SPECIFICATIONS

Detailed technical specifications for the ProCom Heating ML200HBA-B heater.

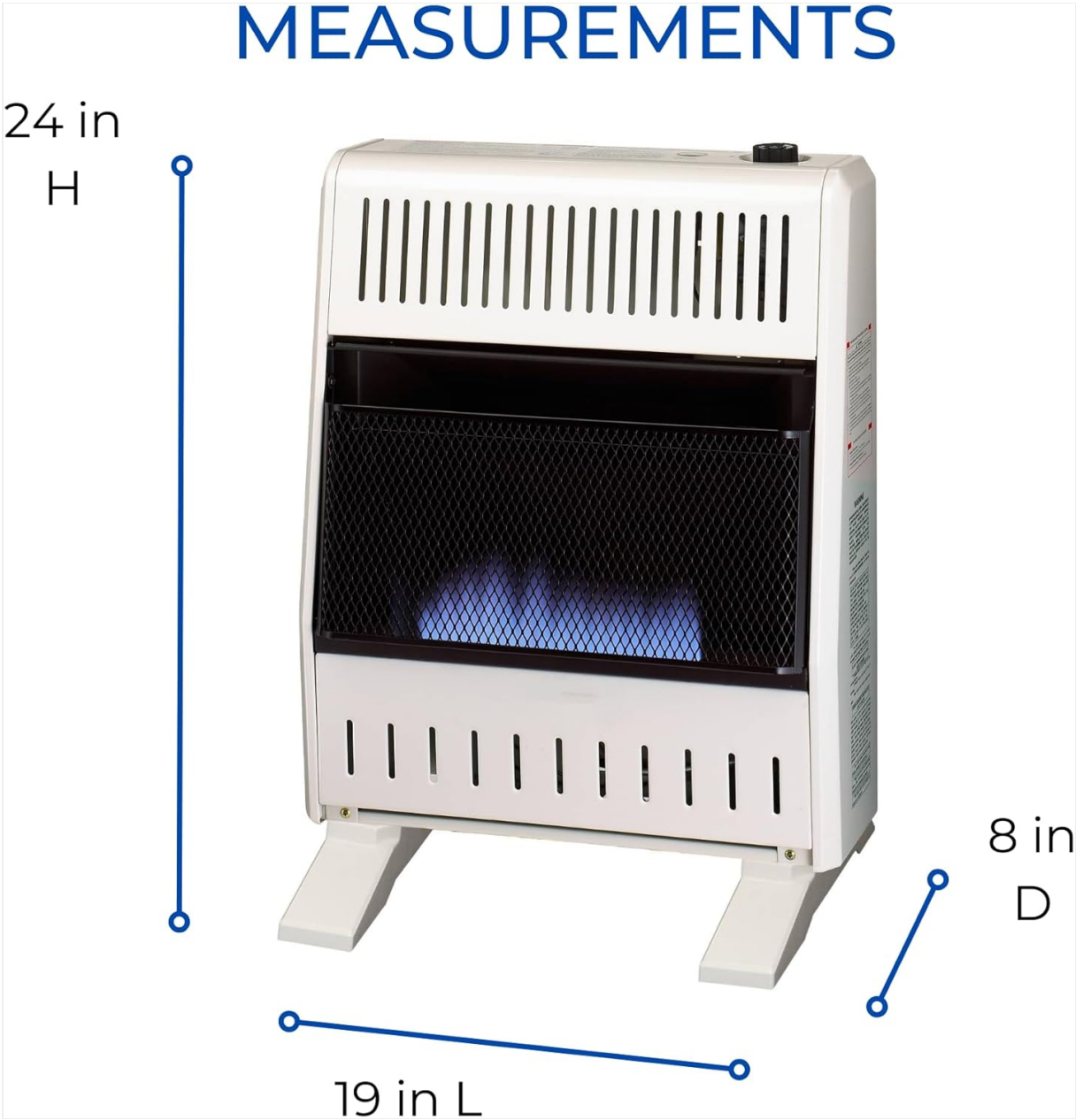


Figure 7.1: Product dimensions of the ProCom Heating ML200HBA-B heater.

Feature	Specification
Brand	ProCom
Model Number	ML200HBA-B
Fuel Type	Liquid Propane
Heat Output	20,000 BTU/hr
Heating Coverage	Up to 950 sq. ft.
Control Type	Manual (Low/Medium/High)
Ignition Type	Push-button Piezo




Feature	Specification
Safety Features	Oxygen Depletion Sensor (ODS) with automatic shut-off
Power Source	No electricity required
Mounting Options	Floor Stand (with included feet), Wall Mount (with included bracket)
Product Dimensions (L x W x H)	19" x 9" x 24"
Item Weight	23.1 pounds
UPC	848660008413

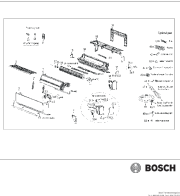


8. WARRANTY AND SUPPORT

For warranty information, technical support, or to inquire about replacement parts, please contact ProCom Heating customer service. Keep your purchase receipt and model number readily available when contacting support.

Contact information can typically be found on the manufacturer's website or on the product packaging.

Related Documents - ML200HBA-B

 <p>The image shows the cover of the Procom NEW PRO-9900 AM/FM Citizens Band 2-Way Radio User Manual. It features a yellow and black 'Download' icon at the top, followed by the text '사용 설명서' (User Manual) and 'NEW PRO-9900'. Below this is a photograph of the radio unit, which has a digital display showing '1888888'. The text 'FM 40 AM 40CH - CITIZENS BAND 2-WAY RADIO' is visible at the bottom of the cover.</p>	<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>The image shows the cover of the Bauer 30K-60K BTU Forced Air Propane Portable Heater Owner's Manual & Safety Instructions. It features the Bauer logo and the model number '19161P-B'. The cover includes a photograph of the heater unit and various safety warnings and instructions.</p>	<p>Bauer 30K-60K BTU Forced Air Propane Portable Heater Owner's Manual & Safety Instructions</p> <p>This owner's manual provides essential safety warnings, operating instructions, maintenance guidelines, and specifications for the Bauer 30K-60K BTU Forced Air Propane Portable Heater (Model 19161P-B). It covers setup, operation, and safety precautions for construction use.</p>
 <p>The image shows the cover of the L.B. White Premier Tent Heaters Owner's Manual and Instructions for models TS080 and TS170. It features the L.B. White logo and a photograph of the heater unit. The cover includes various safety warnings and instructions.</p>	<p>L.B. White Premier Tent Heaters Owner's Manual and Instructions TS080 TS170</p> <p>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.</p>

	<p>Bosch Climate 5000AA Series Indoor Unit Spare Parts List</p> <p>Detailed spare parts list and diagram for the Bosch Climate 5000AA Series Indoor Unit, including part numbers and compatibility information for various BTU capacities.</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>
	<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>

Documents - ProCom – ML200HBA-B



[\[pdf\]](#) User Manual Owner's Manual Instructions

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||| ||| BLUE FLAME VENT-FREE GAS SPACE HEATER OWNER S OPERATION AND INSTALLATION

MANUAL MANUAL CONTROL MODELS MN200HBA-B, ML200HBA-B MN300HBA-B, ML300HBA-B PFS

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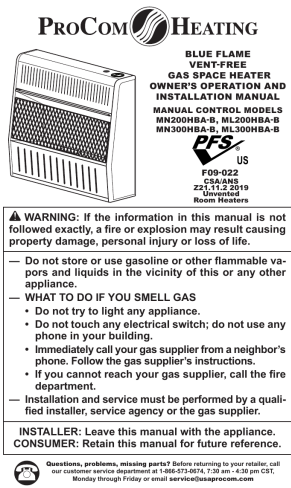
INSTALLATION MANUAL MANUAL CONTROL MODELS MN200HBA-B,

ML200HBA-B MN300HBA-B, ML300HBA-B PFS US F09-022 CSA/ANS Z21.11.2

2019 Unvented Room Heaters WARNING: If the information in this manual is not

followed exactly, a fire or explosion may result causing

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[pdf] User Manual Instructions Catalog

PFS @To prevent performance problems do not use a propane fuel tank of less than 100 lbs capacity

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