Model number FM3BS-200
DANGER:

If you smell gas:
1. Shut off gas to the appliance.
2. Extinguish any open flame.
3. If odour continues, keep away from the appliance and immediately call your gas supplier or fire department.

DANGER:

- Never operate this appliance unattended.
- Never operate this appliance within 10 ft (3.0 m) of any structure, combustible material or other gas cylinder.
- Never operate this appliance within 25 ft (7.5 m) of any flammable liquid.
- If a fire should occur, keep away from appliance and immediately call your fire department. Do not attempt to extinguish an oil or grease fire with water.

Failure to follow these instructions could result in fire, explosion or burn hazard, which could cause property damage, personal injury or death.
**WARNING:**

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

An LP-cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.

---

**WARNING:**

For outdoor use only.

---

**DANGER**

**CARBON MONOXIDE HAZARD**

This appliance can produce carbon monoxide which has no odour.

Using it in an enclosed space can kill you.

Never use this appliance in an enclosed space such as a camper, tent, car or home.

---

**WARNING:**

If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

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

---

**CAUTION:**

Watch for sharp edges, especially as noted in the manual.

Wear protective gloves if necessary.

---

**CAUTION:**

For residential and recreational use only.

Do not use for commercial purposes.

This appliance is not for frying turkeys.

---

**WARNING:**

Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment.

---

**DANGER:**

Do not store grill until cool to touch. Failure to do so could result in fire resulting in property damage, personal injury or death.
SECTION 1: ASSEMBLY

This appliance is ONLY certified to be used for standing operation on (or over) a level, stable, non-combustible surface only.

CARRY TRANSPORT MODE

SETUP: STANDING OPERATION

1. DEPLOY LEGS
   a) Lay the appliance on its back. NOTE: To avoid scratching or denting choose a flat non-marking surface.
   b) Release the leg lock pin. Lift away the leg storage cap. Remove the leg tubes from storage. Replace the cap and pin.
   c) Insert legs in to leg support holes. Loosen hand knobs enough to allow leg tubes to slide all the way to the bottom of the hole. Once legs are bottomed out in the hole tighten the hand knobs to lock legs.
   d) Turn stove over and stand on legs.
2. DEPLOY GRILL
   a) Remove the lid lock pin.
   b) Deploy left and right lid.
   c) Deploy wind break.

3. Ensure the gas knobs on the appliance are set to OFF.

4. Connect LP cylinder (see section labelled “Connection”).

5. Perform LEAK TEST on all gas couplings (see section labelled “Leak Test”).

Your OUTLAND appliance is assembled and ready for use.

Use caution, the hose is a potential trip hazard.

**WARNING:**
Ensure the appliance is level and stable on a non-combustible surface. DO NOT OPERATE APPLIANCE ON A SLOPE. If ground is uneven, loosen hand knob and manually adjust height of unbalanced leg(s) so appliance is level and stable. Each leg has approximately 1 inch travel allowance. Lock leg height in place by tightening hand knob.

**NOTE TO USER:** Before igniting the unit for the first time, follow steps one through 8 in the below Ignition section.
**SECTION 2: IGNITION**

**STEP 1**
Ensure that each appliance valve dial is in the “OFF” position by pushing and turning clockwise until the dial stops.

**STEP 2**
Connect the LP gas cylinder. See section labeled “Connection”.

**STEP 3**
Ensure the gas hose is not contacting the appliance enclosure and the LP cylinder is stabilized.

**Caution:** Always ensure the gas valve orifice and burner tube venturi is clear of all debris including spider webs.

**STEP 4**
***SLOWLY*** turn cylinder valve to the open position to avoid tripping the CSA excess flow safety device in the gas regulator. For more information about the CSA excess flow safety device see STEP 8 (page 6).

**STEP 5**
Leak Test all connections. See section labeled “Leak Test”.

**STEP 6**
Your appliance is equipped with an auto spark ignition. Push the knob in and slowly turn counter-clockwise to the high position. You will hear a click as the piezo igniter engages the ignition. Hold the gas knob in for 2-3 seconds to allow the ignition to ignite the gas burner.

Should the appliance fail to ignite on the first try, promptly repeat the ignition attempt within 5 seconds. If a third attempt fails to ignite the appliance then rotate the knob to the “off” position and wait 5 minutes before attempting to ignite again.

**APPLIANCE WON’T LIGHT? IGNITION PROBLEM?**

**IGNITION TROUBLESHOOTING**

1. Ensure all appliance valve(s) are OFF and the cylinder valve is closed.
2. Disconnect LP cylinder.
3. Remove the Grill.
4. Inspect the ignition electrode to ensure it is free from debris.

5. Wait 5 minutes for any gas to dissipate. After waiting for 5 minutes visually inspect the spark by rotating the knob to high without turning the gas back on at the cylinder.

Ensure the spark gap is 1/8” from the burner port and has a clear path. Once you ensure the igniter is operating properly repeat the ignition sequence.

**DANGER:**
Keep hair tied back and keep head and face away from the appliance during ignition!

**WARNING:**
Ensure that no parts of your body, clothing, or any other combustible material are above the burner before, during and after ignition.
STEP 7
Once the unit is burning normally set the dial to desired flame height.

To adjust flame colour and flame height move the air-fuel adjustment lever found under the stove gas valve. Adjust the lever to maximize the blue flame. A flame with more blue colour is burning hotter, more cleanly and more efficiently than a yellow flame.

STEP 8
GOT A LOW FLAME? OR FLAME HEIGHT DOES NOT APPEAR TO BE NORMALLY ADJUSTED BY THE GAS KNOB?

CORRECTIVE ACTION:
1. Confirm your propane tank is NOT empty 😲, then;
2. Close propane cylinder valve.
3. Open and then close appliance gas knob valve to release pressure.
4. Disconnect and reconnect the propane cylinder valve connection.
5. ***SLOWLY*** open propane cylinder valve.
6. Perform Leak Test and follow Ignition sequence.

The whole story…
A low flame can be caused by an empty propane tank or if the Excess Flow Safety Valve (the EFV) has been tripped.

WHAT IS AN EXCESS FLOW VALVE? (EFV)
The EFV is a safety mechanism contained within every propane gas regulator. The purpose of the EFV is to restrict the gas supply if too much gas is flowing too quickly through the gas hose. For example this could happen if the gas hose was severed. It is normal that your EFV trips if you open the propane tank valve too quickly or if you leave the gas knob open before lighting, or both.

HOW TO PREVENT LOW FLAME OR EFV TRIPS
1. Always check that your Outland appliance gas valve/gas knob is closed before opening tank valve.
2. Always open propane tank valve **SLOWLY**.

If you experience any signs of your propane cylinder ‘freezing off’ or start to experience lower flames than usual, please simply turn the burner control setting to low for 5–10 minutes, or replace the cylinder with a full one.

A humming or whistling noise coming from the regulator during operation of this appliance is normal and does not affect operation.

PLEASE DO NOT RETURN TO STORE – IT’S NOT BROKEN
Questions? Outland support team: 1.888.514.1663
SECTION 3: PERIODIC INSPECTION OF BURNER FLAMES

Upon igniting the appliance, visually verify that the burner is indeed burning as demonstrated in the image to the left. The presence of flames will confirm that the burner is burning. Periodically check that the burner flame is present during operation by visually inspecting the burner to ensure the presence of flames.

If there are no flames present, as demonstrated in the image to the left, the appliance is likely not burning. If this is the case, IMMEDIATELY turn the valve to the “off” position if it is not already and repeat the ignition procedure as outlined in Section 2.

SECTION 4: EXTINGUISHING THE APPLIANCE

STEP 1
1. Turn valve on propane cylinder to “CLOSE” position.
2. Wait for flame to visibly extinguish.
3. Turn valve on unit to “OFF” position.

STEP 2
Allow unit to cool for at least five (5) minutes before relighting.

SECTION 5: APPLIANCE MAINTENANCE

Your Outland appliance requires periodic maintenance to keep it in good running order. Follow the steps below to ensure your appliance will provide you with the best possible performance:

1. Keep your appliance out of the rain and store it in a dry place.
2. If the appliance has been left out in the rain uncovered tilt the appliance to drain any water accumulated in the burners and/or burner compartment prior to ignition.
3. Should any part of this appliance (including the burner) become soiled or dirty, wipe lightly with a damp cloth.
4. Ensure that you clean the top of your Outland appliance after every use to keep it looking GREAT.
5. Simply use warm soap water to wipe down your appliance to keep it clean.
6. Do not use flammable or corrosive cleaning products on or near this unit.
7. Do not use abrasive cleaners.

GUIDELINES

• Keep appliance area clear and free from combustible materials, gasoline and other flammable vapors and liquids.
• Do not obstruct the flow of combustion and ventilation air.
• Keep the ventilation opening(s) of the cylinder enclosure free and clear from debris.
• The stove must be cool and the LP cylinder disconnected BEFORE cleaning or inspection and maintenance is performed.

TO ACCESS AND CLEAN THE INTERIOR STOVE COMPARTMENT:

1. ALLOW STOVE TO COOL
2. REMOVE GRILL LOCKS (ONE EACH SIDE OF GRILL)
3. LIFT OUT GRILL.

WHEN REPLACING GRILL ENSURE GRILL LOCKS ARE SNUG & TIGHT TO PREVENT RATTLING DURING TRANSPORT.
SECTION 6: APPLIANCE DIMENSIONS

- **Footprint Depth**: 18.3" (465.4 mm)
- **Standing Grill Height**: 9.3" (236.2 mm)
- **Stove Width (Lids Deployed)**: 37.2" (945.4 mm)
- **Total Width**: 72.4" (1838.3 mm)

LP Cylinder not included.
OPERATIONAL SAFETY

⚠️ DANGER:

1) Never leave the appliance unattended while in use. The user must have a clear line of sight to the appliance at all times.
2) Keep children and pets away from appliance at all times.
3) The use of alcohol, prescription or non-prescription drugs may impair the user's ability to properly assemble or safely operate the appliance.
4) When cooking, the appliance must be on a level, stable non-combustible surface in an area clear of combustible materials. An asphalt surface (blacktop) may not be acceptable for this purpose.
5) Do not leave the appliance unattended. Keep children and pets away from the appliance at all times.
6) Do not place empty cooking vessel on the appliance while in operation. Use caution when placing anything in cooking vessel while the appliance is in operation.
7) Do not move the appliance when in use.
8) This appliance is not intended for and should never be used as a heater.
9) This appliance will be hot during and after use. Use insulated oven mitts or gloves for protection from hot surfaces or splatter from cooking liquids.
10) Never use a cooking vessel larger than the capacity and diameter recommended by the manufacturer (24cm).
11) This appliance is not for frying turkeys.

LP SAFETY

⚠️ WARNING:

a. Do not store a spare LP-gas cylinder under or near this appliance.
b. Never fill the cylinder beyond 80 percent full.
c. If the information in “(a)” and “(b)” is not followed exactly, a fire causing death or serious injury may occur.

- Use appliance as purchased; use only with LP (propane) gas and the regulator/valve assembly supplied.
- Installation must conform with local codes, or in the absence of local codes, with either the National Fuel Gas Code, ANSI Z223.1/NFPA 54, Storage and Handling of Liquefied Petroleum Gases, ANSI/NFPA 58; or Natural Gas and Propane Installation Code, CSA B149.1; or Propane Storage and Handling Code, B149.2; or the Standard for Recreational Vehicles, ANSI A 119.2/NFPA 1192; and CSA Z240 RV Series, Recreational Vehicle Code, as applicable.
- Appliance is not for use in or on recreational vehicles and/or boats.
- This appliance is safety certified for use in the United States and/or Canada only. Do not modify for use in any other location. Modification will result in a safety hazard.
- Read and follow all of the messages found throughout the manual.

MINIMUM CLEARANCES:

Maintain proper clearances from any structure or combustible construction. The specific minimum clearances from any structure or combustible materials to the sides and back of the appliance is 10 ft (3.0m).

| Burner Input: | 30,000 BTU/h each |
| Manifold pressure: | 11 inches of water column (wc) |
| Max Gas Supply Pressure: | 250 PSI |

Keep the appliance area clear and free from combustible materials, gasoline and other flammable vapors and liquids.
Keep the fuel supply hose away from any heated surface(s).
**WARNING:**

- do not use this appliance under overhead combustible surfaces.
- for installation on (or over) a level, stable, non-combustible surface only.
- do not use this appliance on a slope ground.
- Do not use appliance on or under any apartment or condominium balcony or deck.
- This appliance shall be used only outdoors in a well-ventilated space and shall not be used in a building, garage or any other enclosed area.
- Never use this appliance as a heater.
- If this appliance is not in use, the gas must be turned off at the supply cylinder.
- Always allow the appliance to cool down before covering with an appliance cover.
- Indoor storage of this appliance is permissible only if the cylinder is disconnected and removed from the appliance.
- Cylinders must be stored outdoors in a well-ventilated area out of the reach of children.
- Disconnected cylinders must have threaded valve plugs tightly installed and must not be stored in a building, garage or any other enclosed area.
- The gas pressure regulator provided with this appliance must be used, and must be the same model as supplied with the unit.
- Replacement parts and a list of such parts are available from FMI Brands Inc. through the contact information provided on the last page of this Manual.

**LP CYLINDER**

All LP cylinders to be used with this appliance must be:

a. Constructed and marked in accordance with the specifications for LP-gas cylinders of the U.S. Department of Transportation (DOT) or for Canada, Standard, CAN/CSA B339, Cylinders, Spheres and Tubes for the Transportation of Dangerous Goods.

b. Provided with a UL listed Overfill Protection Device (OPD). This OPD safety feature is identified by a unique triangular hand wheel. Use only LP Tanks equipped with this type of valve.

c. Provided with a cylinder connection device compatible with the connection for outdoor cooking appliances.

d. Only a 20 lb. (9 kg) LP gas cylinder is to be used for this appliance, approximately 18” (46 cm) high & 12” (30 cm) diameter.

e. LP cylinder must be arranged for vapour withdrawal and include a collar to protect the LP cylinder valve. Always keep LP cylinders in upright position during use, transit or storage.

**WARNING:**

The LP Hose is a trip hazard! Ensure that gas hose is placed in an area where it is unlikely to be tripped over (such as pathways or trails) or subject to other accidental damage.

Please ensure that all adults and children which use or are near a unit in use are aware of the hazard of high-surface temperatures present on the unit during use and should use caution and stay away to avoid burns or clothing ignition.

Carefully supervise young children in the area of this appliance. Clothing or other flammable materials should not be hung from the appliance or placed on or near the appliance. Any guard or other protective device removed for servicing the appliance must be replaced prior to operating the appliance.

Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a qualified service person. More frequent cleaning may be required as necessary. It is imperative that control compartment, burners and circulating air passageways of the appliance be kept clean.
LP CYLINDER REMOVAL, TRANSPORT AND STORAGE

- Turn OFF all control knobs and LP cylinder valve. Disconnect gas regulator from cylinder. Install safety cap onto LP tank valve. Always use cap and strap supplied with LP cylinder valve.
- A disconnected LP cylinder in storage or being transported must have a safety cap installed. Failure to use safety cap as directed may result in serious personal injury and/or property damage.
- Place dust cap on cylinder valve outlet whenever the cylinder is not in use. Only install the type of dust cap on the cylinder valve outlet that is provided with the cylinder valve. Other types of caps or plugs may result in leakage of propane.
- Do not store an LP tank in enclosed spaces such as a carport, garage, porch, covered patio or other building. Never leave an LP tank inside a vehicle which may become overheated by the sun. Do not store an LP tank in an area where children play.

CONNECTION

1. Ensure the LP cylinder valve is CLOSED and the appliance gas valve is “off”.
2. Securely attach regulator (large end of hose) to your propane cylinder. Extend hose to full length and ensure that the propane tank is as far as safely possible from the appliance.
   a) Do not use tools. Hand tighten only.
   b) Center the nipple in the cylinder valve and hold in place.
   c) Using the other hand, turn the hand wheel clockwise until there is a positive stop.

GAS HOSE INSPECTION

Clean and inspect the hose before each use of the appliance.

Attention: If there is evidence of abrasion, wear, cuts or leaks, the hose must be replaced prior to the appliance being put into operation.

Only use a replacement hose by OUTLAND Living.

LEAK TEST

1. Ensure the LP cylinder valve is CLOSED and the appliance gas valves are "OFF".
2. Ensure all gas system coupling joints are tight and properly attached.
3. Prepare a leak testing solution of half liquid detergent and half water.
4. CAUTION: ***SLOWLY*** turn cylinder valve to the open position to avoid tripping the CSA excess flow safety device in the gas regulator. For more information about the CSA excess flow safety device see SECTION 2, STEP 8 (What is an Excess Flow Safety Valve? (EFV)).
5. Apply the solution to the LP gas delivery system at points as shown in illustration:

![Diagram of LP gas delivery system]

a) If parts of the fitting begin to produce bubbles, spray liquid, or if you smell liquid propane gas, immediately close the valve on the tank. Wait 20 minutes for any gas to dissipate. After waiting for 20 minutes, the leak(s) must be stopped by tightening the loose joints, if possible, or by replacing the faulty part(s) with the part(s) recommended by the appliance manufacturer.

b) If no adverse reaction is observed and the connections all seem fine then move to the ignition sequence.

6. If the leak persists, ensure the cylinder valve is closed, disconnect the regulator hose and take the unit to a certified propane technician for consultation.

**IMPORTANT:** Call OUTLAND for quick delivery of replacement parts. **DO NOT RETURN THE APPLIANCE TO THE RETAILER.**

**WARNING:**

Never perform inspections, cleaning or maintenance when the appliance is hot! The stove must be cool and the LP cylinder disconnected BEFORE any cleaning or inspection and maintenance is performed.

**BURNER & ORIFICE INSPECTION**

Visually inspect the cast aluminum burners prior to each use. The burners are located in the stove inner compartment.

1. Ensure all appliance valve(s) are OFF and the cylinder valve is closed. Disconnect LP cylinder.

2. Remove the Grill. (Refer to the Appliance Maintenance section for instruction on how to remove the grill)

3. Clean the stove inner compartment area.

4. Clean any plugged gas jet orifices with a small pin or paperclip.

5. Reinstall the grill.

**WARNING:**

If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

**THE APPLIANCE IS NOT TO BE USED UNTIL ANY LEAK IS CORRECTED.**

A gas appliance repairman or LP gas dealer should be called if attempts to stop the leak(s) are unsuccessful and, in such case, the LP gas supply must be shut off at the cylinder valve or the cylinder must be removed from the appliance until the leak(s) is corrected.
**BURNER VENTURI INSPECTION**

Inspect and clean the cast aluminum burner venturi tubes often and especially if the stove has been sitting unused for a period of time.

1. Ensure all appliance valve(s) are OFF and the cylinder valve is closed.
2. Disconnect LP cylinder.
3. Remove the grill.
4. Locate and remove the burner mounting screws under stove (2x per burner).
5. Lift the burner(s) out.
6. Note the position of the air-fuel damper and spring position for reassembly when lifting out the burner.
7. Use a flashlight to look inside the venturi tube. Use a long flexible pipe cleaner, or long small utensil to clean out any debris or nest material. An air tool to blow out the burner is helpful.
8. When the venturi is determined to be clear reassemble the burner, with the air-fuel damper and spring in place. Note the brass gas valve orifice is to be aligned with the round centre hole in the cast aluminum burner venturi port. Ensure the burner mounting screws under the stove are firmly tightened.
9. Reinstall the grill.

**WARNING:** Small critters like spiders and earwigs can quickly build nests inside the burner venturi tube which can obstruct gas flow and impact the flame height and heat performance of your appliance. More seriously, a nest or blockage of the venturi tube can cause a back flame event, damage to your appliance, or even extreme operator injuries!
GAS VALVE COMPARTMENT INSPECTION

Occasionally inspect and clean the gas valve compartment to remove insect nests and debris. To access the gas valve compartment housing:

1. Ensure all appliance valve(s) are OFF and the cylinder valve is closed.
2. Disconnect LP cylinder.
3. Remove the Grill.
4. Remove the burners.
5. Remove (3x) front screws and (2x) side screws.
6. Lift away compartment cover.
7. After cleaning, reinstall the assembly in reverse order.

Burner must be replaced prior to the appliance being put into operation if there is evidence of damage.

Replacement burners are available from FMI Brands Inc.

NOTE TO INSTALLER:
Leave this guide with the consumer.

NOTE TO CONSUMER:
Please retain this guide for future use.
NOTES:
- Maximum recommended weight for side tables is: 80lbs (36kg).
- The formulae for calculating fuel consumption (gas cooking time) is as follows:
  - Each burner is rated to a maximum of 30,000BTU/h
  - A full 20lb (9kg) LP cylinder has approximately 430,000BTU capacity
  - Y = QTY of burners in operation
  - $430,000BTU / Y(30,000BTU/h) = gas cooking time (hrs)/cylinder
    e.g. If all (3x) burners are in continuous operation at maximum output we would expect 4.8hrs of cooking time.
    Calculate: $\frac{430,000BTU}{3 \times 30,000BTU/h} = 4.8hrs/20lb LP cylinder$
- Note that fuel consumption (gas cooking time) can be extended by operating fewer valves and/or operating the valves at lower than maximum output.
- This appliance is NOT a toy.
- Children should be supervised at all times when using this unit without exception.
- Do not place any objects inside the burner component.
- Remove any debris and leaves which may have accumulated in your appliance before igniting.
- Solid fuels shall not be burned in this appliance. Do not add wood or any other materials to the fire. It is designed to safely combust propane only.
- Do not connect to a remote gas supply. Consult a certified gas technician.
- Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.
- Do not leave this appliance in the rain.
- Always inspect and clear all valve and gas orifices of any foreign debris including spider webs prior to lighting.

1 YEAR LIMITED WARRANTY
Customers in Canada and USA

All components are warranted by the manufacturer for a period of 1 year after date of purchase by the original owner against defects in materials and workmanship under normal use. This warranty does NOT cover normal wear and weathering, assembly and/or maintenance OR use in a commercial application. At FMI Brands’ sole discretion, products under warranty will be repaired and/or replaced at no charge to the customer. Any returns sent back to FMI Brands must be sent via prepaid freight and in the original retail packaging.

Please register your OUTLAND Living product for proof of purchase and warranty at http://outlandliving.com/register-products/
For more warranty information and details please contact FMI Brands Inc. at info@outlandliving.com

STOP:
Do not return this product to the store.
If you need help or parts, call the Outland Hotline: 1-888-514-1663
Get help for:
Missing/damaged parts • Assembly • Troubleshooting • Warranty Assistance • Product Information

FOR REPLACEMENT PARTS AND ACCESSORIES PLEASE VISIT WWW.OUTLANDLIVING.COM

The owner’s manual is available as a free download from www.outlandliving.com
Replacement part orders can be sent by mail to the address on the cover of this booklet, or faxed to (888) 797-9931. Should you have any questions or comments regarding this appliance, please do not hesitate to contact FMI Brands Inc. at (888) 514-1663 or E-Mail to info@outlandliving.com.