

Flavel ML61ND

Flavel Milano G60 ML61ND All Gas 60 cm Twin Cavity Cooker LPG Conversion Kit User Manual

Model: ML61ND

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1. INTRODUCTION

This manual provides essential instructions for the safe and correct installation and use of the LPG (Liquefied Petroleum Gas) conversion kit for the Flavel Milano G60 ML61ND 60 cm All Gas Twin Cavity Cooker. This kit is designed to adapt your cooker for use with LPG instead of natural gas. It is crucial to follow all instructions carefully to ensure safe and efficient operation.

This conversion kit is applicable to Flavel Milano G60 models including ML61NDSP, ML61NDK, and ML61NDWP.



Image: Flavel Milano G60 ML61ND All Gas Twin Cavity Cooker. This image shows the complete cooker unit, which this LPG conversion kit is designed for.

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.

- **Professional Installation Required:** The installation and conversion of this kit must only be carried out by a qualified and registered gas engineer (e.g., Gas Safe registered in the UK). Attempting to install this kit without proper qualifications can be extremely dangerous and may void your cooker's warranty.
- **Gas Type:** This kit is specifically for converting the cooker to use LPG. Do not attempt to use it with natural gas or any other gas type.
- **Ventilation:** Ensure adequate ventilation in the area where the cooker is installed. Gas appliances consume oxygen and produce combustion by-products.
- **Leak Testing:** After installation, the entire gas system must be thoroughly checked for leaks using appropriate methods (e.g., leak detection fluid). Never use an open flame to check for gas leaks.
- **Conversion Label:** Affix the provided conversion label to the cooker in a visible location after the conversion is complete. This indicates the cooker has been converted to LPG.
- **Children and Pets:** Keep children and pets away from the appliance during installation and operation.



Image: Gas Safe Registered Logo. This symbol indicates the importance of using a qualified gas engineer for installation.

3. KIT COMPONENTS

The LPG conversion kit includes the following components:



Hob Burner Jets:

- 1 x 0.50 mm jet
- 2 x 0.72 mm jets
- 1 x 0.87 mm jet

Image: Example of an LPG hob burner jet. These jets regulate the gas flow to the hob burners.



Top Grill Jet: 1 x 0.75 mm jet

Image: Example of an LPG top grill jet. This jet is specifically for the top grill section of the cooker.



Main Oven Jet: 1 x 0.78 mm jet

Image: Example of an LPG main oven jet. This jet controls the gas supply to the main oven burner.



Conversion Label: 1 x Self-adhesive label to indicate LPG conversion.

Image: Example of a conversion label. This label must be affixed to the appliance after conversion.



Fiber Washers with Screws: 2 x Green fiber washers with screws for sealing connections.

Image: Example of green fiber washers and screws. These are used for ensuring gas-tight connections.

4. INSTALLATION AND CONVERSION TO LPG

This procedure must only be performed by a qualified and registered gas engineer.

1. **Disconnect Power and Gas:** Before starting any work, ensure the cooker is completely disconnected from the electrical supply and the natural gas supply is turned off and isolated.
2. **Access Burners:** Carefully remove the hob pan supports, burner caps, and burner heads to expose the existing natural gas jets.
3. **Replace Hob Jets:** Unscrew and remove each natural gas hob burner jet. Replace them with the corresponding LPG jets from the kit:
 - Install the 0.50 mm jet into the designated burner.
 - Install the two 0.72 mm jets into their designated burners.
 - Install the 0.87 mm jet into its designated burner.

Ensure jets are securely tightened but do not overtighten.

4. **Replace Grill Jet:** Access the top grill burner. Unscrew and remove the natural gas grill jet. Replace it with the 0.75 mm LPG top grill jet.
5. **Replace Main Oven Jet:** Access the main oven burner. Unscrew and remove the natural gas oven jet. Replace it with the 0.78 mm LPG main oven jet.
6. **Adjust Minimum Flame Settings:** For each burner (hob, grill, oven), the gas engineer must adjust the minimum flame setting (often via a bypass screw on the tap valve) to ensure stable and correct low flame operation with LPG. This is a critical step for safe and efficient operation.
7. **Reassemble:** Reassemble all burner components, ensuring they are correctly seated.
8. **Connect to LPG Supply:** Connect the cooker to the LPG supply using appropriate fittings and flexible hoses, ensuring all connections are gas-tight. Use the provided green fiber washers with screws where applicable for sealing.
9. **Leak Test:** Perform a thorough leak test on all new and disturbed gas connections using an approved leak detection fluid. Rectify any leaks immediately.
10. **Test Operation:** Test all burners (hob, grill, oven) at both high and low flame settings to ensure proper ignition and stable flame characteristics.
11. **Affix Conversion Label:** Permanently affix the provided LPG conversion label to a prominent and visible location on the cooker, indicating that it has been converted for use with LPG.

5. OPERATING INSTRUCTIONS (AFTER LPG CONVERSION)

Once converted to LPG by a qualified engineer, the operation of your Flavel Milano G60 cooker will be similar to its natural gas operation, but with specific considerations for LPG.

5.1 General Use

- **Ignition:** Turn the control knob to the full flame position and press the ignition button (if applicable) or use a match/lighter to ignite the burner. Hold the knob in for a few seconds after ignition to allow the thermocouple to heat up.
- **Flame Adjustment:** Adjust the flame size using the control knob. The flame should be blue and stable. A yellow or flickering flame may indicate an issue requiring professional attention.
- **Ventilation:** Always ensure good ventilation when using gas appliances. Open windows or use an extractor fan.

5.2 Hob Burners

- Use appropriate cookware sizes for each burner to maximize efficiency and prevent heat loss.

- Do not allow flames to extend beyond the base of the cooking vessel.

5.3 Oven and Grill

- Preheat the oven to the desired temperature before placing food inside.
- Always keep the oven door closed during cooking unless specified otherwise for grilling.
- When using the grill, ensure the grill pan is positioned correctly and do not line it with foil, as this can impede air circulation.

6. MAINTENANCE

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

- **Cleaning:** Regularly clean the hob, oven, and grill surfaces with mild detergents and soft cloths. Avoid abrasive cleaners that can damage surfaces.
- **Burner Components:** Periodically remove and clean hob burner caps and heads. Ensure they are dry and correctly reassembled before use.
- **Gas Supply Hose:** Inspect the flexible gas supply hose (if applicable) for any signs of wear, cracks, or damage. Replace immediately if any damage is found.
- **Annual Service:** It is highly recommended to have your gas cooker serviced annually by a qualified gas engineer to ensure it remains in safe and efficient working order.

7. TROUBLESHOOTING

Before contacting a service technician, please check the following common issues:

Problem	Possible Cause	Solution
Burner does not ignite.	No gas supply, burner components incorrectly assembled, blocked jet, faulty ignition.	Check LPG cylinder/supply. Reassemble burner parts correctly. Clean burner jet. If ignition is faulty, contact a qualified engineer.
Flame is yellow or unstable.	Incorrect air/gas mixture, partially blocked jet, incorrect jet size.	Ensure burner components are clean and correctly seated. If problem persists, contact a qualified gas engineer to check jet sizes and air adjustments.
Gas smell detected.	Gas leak.	Immediately turn off the gas supply at the source, open windows and doors for ventilation, do not operate any electrical switches, and contact a qualified gas engineer or emergency gas service.
Oven/Grill not heating correctly.	Blocked jet, faulty thermostat, incorrect gas pressure.	Contact a qualified gas engineer for diagnosis and repair.

8. SPECIFICATIONS

This LPG conversion kit is designed for the Flavel Milano G60 ML61ND 60 cm All Gas Twin Cavity Cooker.

Component	Jet Size (mm)
Hob Burner (Small)	0.50
Hob Burner (Medium)	0.72 (x2)
Hob Burner (Large)	0.87
Top Grill	0.75
Main Oven	0.78

Kit Contents: 6 jets (as listed above), 1 conversion label, 2 green fiber washers with screws.

Applicable Cooker Models: ML61NDSP, ML61NDK, ML61NDWP

Jet Thread Size: m6x0.75 thread and 7mm head (as per product specifications)