

GAS CONVERSION KIT INSTALLATION INSTRUCTIONS

These instructions apply to the following gas conversion kits:

**8261145
8261146
8261147
8261148
8261904
8261905
8261906
8261907
8261908
8261909
8262527
8262528
8262529
8262530**

WARNING

This conversion kit shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction. If the information in these instructions is not followed exactly, a fire, an explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. The qualified service agency is responsible for the proper installation of this kit. The installation is not proper and complete until the operation of the converted appliance is checked as specified in the manufacturer's instructions supplied with the kit.

These instructions apply to the kits listed in the table below. **Before beginning installation, verify the kit number on the package is correct for the intended appliance.**

Natural to Propane Gas Conversion Kits 8261906 and 8261908 For use in FBR18/24-FBRA18/24 Rethermalizers and GSMS/GBC/GC Cookers	
<i>The principal components of these kits are:</i>	
2	2.00MM Burner Orifices P/N 8100917
2	Ignitor P/N 8100608
2	Ignitor Gasket P/N 8160165
1	Regulator Conversion Kit P/N 8071848

Propane to Natural Gas Conversion Kit 8261907 and 8261909 For use in FBR18/24-FBRA18/24 Rethermalizers and GSMS/GBC/GC Cookers	
<i>The principal components of these kits are:</i>	
2	3.26MM Burner Orifices P/N 8100916
2	Ignitor P/N 8100521
2	Ignitor Gasket P/N 8160165
1	Regulator Conversion Kit P/N 8071847

Natural to Propane Gas Conversion Kit 8261904 For use in G18FB and G24FB Series Fryers	
<i>The principal components of this kit are:</i>	
2	1.90MM Burner Orifices P/N 8100466
2	Ignitor P/N 8100608
2	Ignitor Gasket P/N 8160165
2	Ignitor Box Gaskets P/N 8160054
1	Regulator Conversion Kit P/N 8071848

Propane to Natural Gas Conversion Kit 8261905 For use in G18FB and G24FB Series Fryers	
<i>The principal components of this kit are:</i>	
2	3.05MM Burner Orifices P/N 8100465
2	Ignitor P/N 8100521
2	Ignitor Gasket P/N 8160165
2	Ignitor Box Gaskets P/N 8160054
1	Regulator Conversion Kit P/N 8071847

Natural to Propane Gas Conversion Kit 8261145 For use in Full Vat H50, H52 and H55 Series Fryers	
<i>The principal components of this kit are:</i>	
2	2.10MM Burner Orifices P/N 8100386
2	2.10MM Burner Orifices P/N 8101126
2	Ignitor Kits P/N 8260982
2	Burners P/N 8100687
2	Burner Insulation Kits P/N 8260931
1	Regulator Conversion Kit P/N 8071848

Propane to Natural Gas Conversion Kit 8261146 For use in Full Vat H50, H52 and H55 Series Fryers	
<i>The principal components of this kit are:</i>	
2	3.40MM Burner Orifices P/N 8100403
2	3.40MM Burner Orifices P/N 8101132
2	Ignitor Kits P/N 8260981
1	Regulator Conversion Kit P/N 8071847

Natural to Propane Gas Conversion Kit 8261147 For use in Dual Vat H50, H52 and H55 Series Fryers	
<i>The principal components of this kit are:</i>	
2	2.10MM Burner Orifices P/N 8100386
2	2.10MM Burner Orifices P/N 8101126
2	Ignitor Kits P/N 8260982
2	Burners P/N 8100687
2	Burner Insulation Kits P/N 8260932
2	Regulator Conversion Kits P/N 8071848

Propane to Natural Gas Conversion Kit 8261148 For use in Dual Vat H50, H52 and H55 Series Fryers	
<i>The principal components of this kit are:</i>	
2	3.40MM Burner Orifices P/N 8100403
2	3.40MM Burner Orifices P/N 8101132
2	Ignitor Kits P/N 8260981
2	Regulator Conversion Kits P/N 8071847

**Natural to Propane Gas Conversion Kit
8262527
For use in Full Vat BIGLA30 and FPGL30
Series Fryers**

The principal components of this kit are:

2	2.00MM Burner Orifices P/N 8101221
2	Ignitor Kits P/N 8260982
2	Burners P/N 8103435
2	Burner Insulation Kits P/N 8262592
1	Regulator Conversion Kit P/N 8071848

**Propane to Natural Gas Conversion Kit
8262528
For use in Full Vat BIGLA30 and FPGL30
Series Fryers**

The principal components of this kit are:

2	3.60MM Burner Orifices P/N 8103269
2	Ignitor Kits P/N 8260981
1	Regulator Conversion Kit P/N 8071847

**Natural to Propane Gas Conversion Kit
8262529
For use in Dual Vat BIGLA30 Series Fryers**

The principal components of this kit are:

2	2.00MM Burner Orifices P/N 8101221
2	Ignitor Kits P/N 8260982
2	Burners P/N 8103435
2	Burner Insulation Kits P/N 8262593
2	Regulator Conversion Kits P/N 8071848

**Propane to Natural Gas Conversion Kit
8262530
For use in Dual Vat BIGLA30 Series Fryers**

The principal components of this kit are:

2	3.60MM Burner Orifices P/N 8103269
2	Ignitor Kits P/N 8260981
2	Regulator Conversion Kits P/N 8071847

⚠ CAUTION

The gas supply shall be shut off prior to disconnecting the electrical power, before proceeding with the conversion.

Installation Instructions

1. Shut off the gas supply to the appliance and disconnect the appliance from the electrical power supply.
2. Remove the burners in accordance with the instructions in the Service and Parts Manual for the specific appliance being converted.
3. Remove the existing burner orifices and replace them with those in the kit.

NOTE 1: In H50, H52, H55, BIGLA30 and FPGL30 Series non-CE fryers **being converted to propane gas**, the burners must also be replaced with those in the kit.

NOTE 2: In H50, H52, H55, BIGLA30 and FPGL30 Series fryers, install the orifices whose threads match the fryer's gas tube connections.

4. Reinstall the burners in accordance with the instructions in the Service and Parts Manual for the specific appliance being converted. For H50, H52, H55, BIGLA30 and FPGL30 Series fryers being converted to propane gas, replace the burner insulation with that in the kit.

5. Remove the ignitor and ignitor gasket in accordance with the instructions in the Service and Parts Manual for the specific appliance being converted and replace them with those in the kit.
6. FOR G18FB AND G24FB FRYERS ONLY, replace the ignitor box gasket.
7. Remove the cap screw covering the pressure regulator spring of the gas valve.
8. Remove the pressure regulator adjustment screw and spring from the gas valve.
9. Install the replacement spring and adjustment screw furnished with the kit. (**NOTE:** If the spring is tapered, the small end goes down. Springs for use with propane gas are red. Springs for use with natural gas are silver. The adjustment screw for either type gas is white.)
10. Apply the gas conversion stickers to the inside of the appliance door(s) where they can best be seen.
11. Verify that the incoming gas pressure is in accordance with the appropriate table in the Installation and Operation Manual for the appliance being converted.
12. Open the gas supply to the appliance and check for leaks using a solution of soapy water applied to each connection in the appliance's gas supply system.
13. Attach a manometer to the gas valve pressure tap then reconnect the appliance to the electrical power supply.
14. Verify that there is cooking oil or water in the frypot or cookpot. Verify the burner gas pressure in accordance with the instructions in the Installation and Operation Manual for the specific appliance being converted.
15. When the pressure has been verified as correct, shut down the fryer and install the cap screw furnished with the kit over the regulator adjustment screw. (**NOTE:** Caps for use with propane gas are black. Caps for use with natural gas are silver.)
16. Shut off the gas supply to the fryer, disconnect the manometer, and reinstall the pressure tap plug. Use a solution of soapy water to verify the plug is not leaking.
17. Open the gas supply and light the burner. Verify proper operation of the fryer in accordance with the instructions in the Installation and Operation Manual.

