



Dual Fuel Range Conversion to Natural Gas Installation

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This kit is for DF3050, DF3650, DF4850, DF6050 models, and is intended to convert from liquid propane to natural gas.

Note: Depending on the model, additional components may be included with this kit, but not used.

⚠ 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, 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.

⚠ WARNING

Turn off the power and gas to the product before starting this procedure.

SURFACE BURNER RATING

The front left burner is 20,000 Btu. Any additional front burners to the right are 18,000 Btu. The rear left burner is 9,200 Btu. Any additional rear burners to the right are 15,000 Btu.

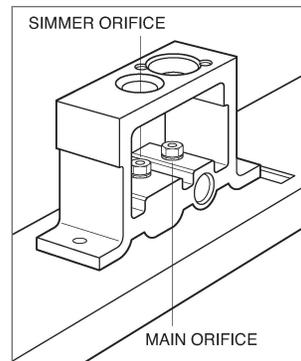
SURFACE BURNERS

- 1 Remove the burner cap, then remove two screws from each surface burner.
- 2 Gently lift each burner, then disconnect the ignitor wire. Set burner assemblies aside.
- 3 For each 20,000 Btu (5.9 kW) burner, remove the existing main orifice and replace with a new '208' then remove the simmer orifice and replace with a new '79' orifice.

For the 18,000 Btu (5.3 kW) burner, remove the existing main orifice and replace with a new '205' then remove the simmer orifice and replace with a new '79' orifice.

For each 15,000 Btu (4.4 kW) burner, remove the existing main orifice and replace with a new '180' then remove the simmer orifice and replace with a new '79' orifice.

For the 9,200 Btu (2.7 kW) burner, remove the existing main orifice and replace with a new '140' then remove the simmer orifice and replace with a new '65' orifice.



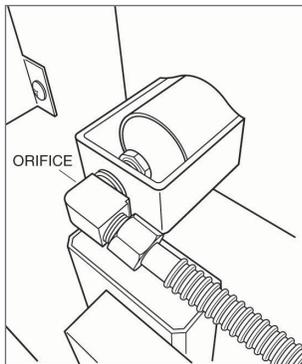
FRENCH TOP

- 1 Remove the center plate, burner head bracket and burner cap, then remove two screws from the burner.
- 2 Gently lift the burner, then disconnect the ignitor wire. Set burner assembly aside.
- 3 Remove the existing main orifice and replaced with a new '180'.



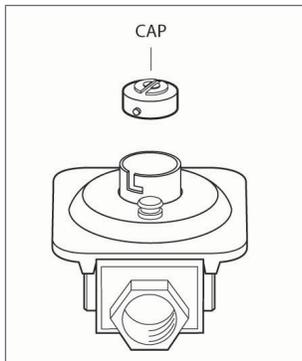
GRIDDLE AND CHARBROILER

- 1 For a griddle, remove the existing orifice and replace the griddle with a new '51' orifice.
- 2 For a charbroiler, remove the existing orifice and replace with a new '50' orifice.



REGULATOR CONVERSION

- 1 Use a flat blade screwdriver to rotate the regulator cap, then remove the cap.

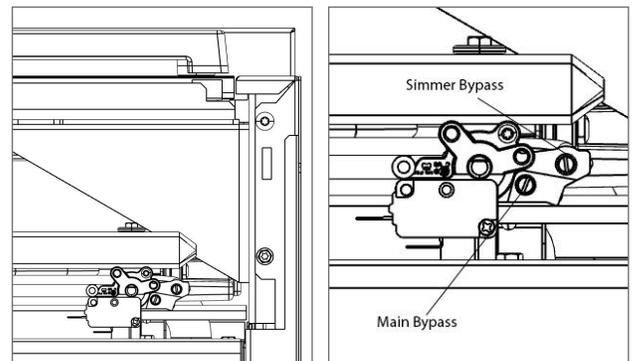


- 2 Flip the cap over and install. 'NAT' appears on the cap when properly converted.

SURFACE BURNER VALVES

- 1 Remove the skirt.
- 2 Remove the door(s).
- 3 Remove the collar(s).
- 4 Remove the burner knobs and bezels.
- 5 Remove the bullnose.
- 6 Remove two 6-lobe screws from each bezel receptacle, then remove the receptacle from the valves.
- 7 For the 20,000 Btu (5.9 kW), 18,000 Btu (5.3 kW), and 15,000 Btu (3.5 kW) burner valves, remove the main and simmer bypass orifices and replace with new '67' main and '62' simmer orifices.

For the 9,200 Btu (2.7 kW) burner valve, remove the main and simmer bypass orifices and replace with new '54' main and '50' simmer orifices.



- 8 For charbroiler and French top models, remove the valve and replace with a new valve.



GAS LEAK TESTING

⚠ WARNING

Never test for a gas leak with a flame.

- 1 Brush a liquid detergent solution onto all gas connections, then open the gas valve.
- 2 If bubbles appear, close the valve and adjust connections.
- 3 Check for leaks again.
- 4 Clean off the detergent solution.

COMPLETION

Once the conversion is complete, fill out the applicable information on the conversion label, then place it next to the existing rating plate. Install all previously removed components and verify operation.