

LPKIT-4/XAA (20K BTU)

Conversion Kit Nat. Gas
to LP Gas Domestic

INSTALLATION INSTRUCTIONS

Installer: Save these instructions for future use!

FAILURE TO READ AND FOLLOW ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLING OR OPERATING THIS CONTROL COULD CAUSE PERSONAL INJURY AND/OR PROPERTY DAMAGE.

FAQS

Can a gas dryer use LP gas?

You can use LP gas with an LP gas conversion kit. LP gas conversion kits must be purchased separately. For more information and availability please visit www.samsung.com/us/home-appliances/home-appliances-accessories.

Where can I buy an LP gas conversion kit?

For specifications and availability please visit www.samsung.com/us/home-appliances/home-appliances-accessories.

PRECAUTIONS

WARNING

To avoid risk of electrical shock, personal injury or death, disconnect electrical power before servicing.

This conversion shall be carried out in accordance with the requirements of the Provincial Authorities having jurisdiction and in accordance with the requirements of the Can/CGA-B149.1 and B149.2 installation code.

WARNING

This conversion kit is to be installed by a qualified Distributor, Dealer or Service Technician in accordance with the manufacturer's instruction observing all codes and requirements of the authority having jurisdiction. Failure to follow instructions could result in serious injury or property damage. The qualified agency performing this work assumes responsibility for this conversion.

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KIT INCLUDES

69-2257 Regulator Blocking Plug	69-2085 Main Burner Orifice-NO. 55	5002-0938 Rating Label, LP Conversion	5002-0939 Conversion Label	37-7790003 Instruction Sheet
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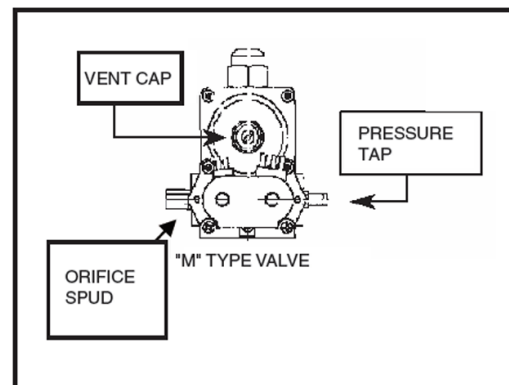
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PROCEDURES

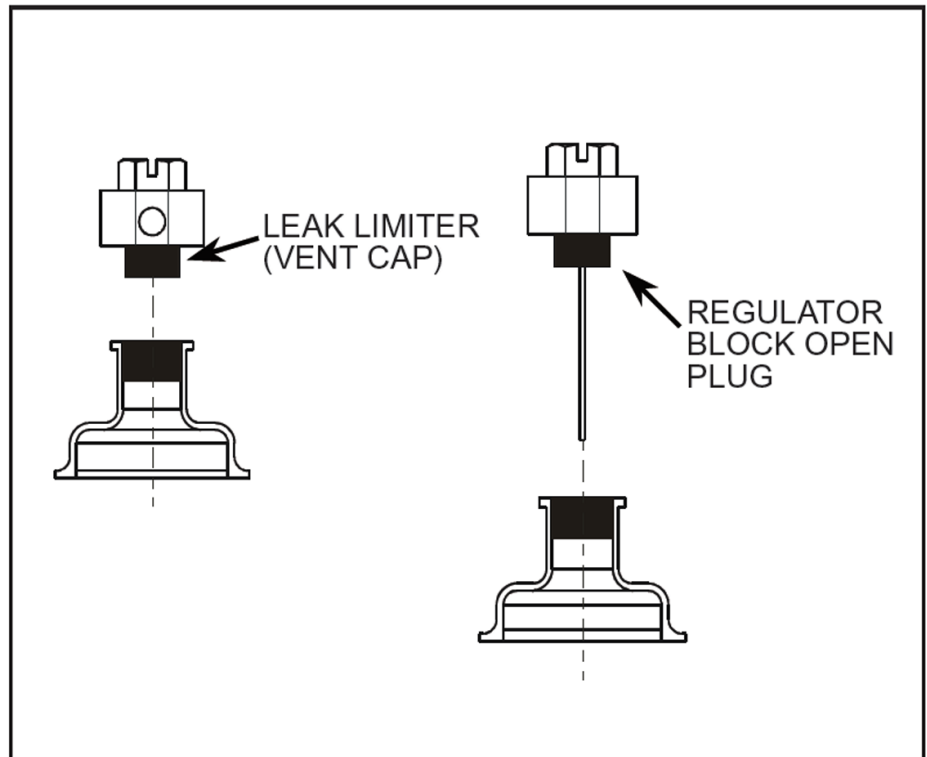
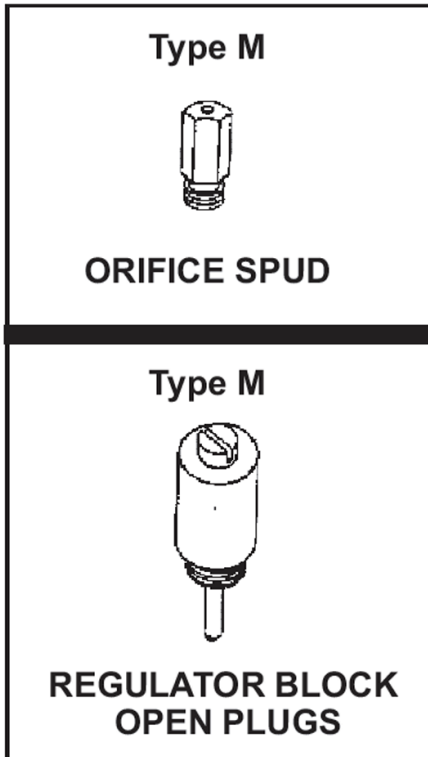
1. Shut off gas supply to dryer if connected and disconnect power supply cord.
2. Remove front panel to gain access to the gas valve.
3. Conversion kit should be installed with the gas control assembly left in place on the dryer and without breaking any sealed gas connections to the dryer or within the dryer.
4. Disconnect the igniter wires and remove the main burner assembly from the gas controls assembly bracket.

Important: Use care in removal to avoid damage to the igniter.

5. Remove the Main Burner Orifice Spud and replace it with matching length orifice from kit.
6. Reassemble the burner assembly to the gas controls assembly bracket.



PROCEDURES



7. Remove the leak limiter (vent limiter (vent cap) from the top of the pressure regulator.
8. Install regulator block open plug on top of pressure regulator and tighten moderately.
9. Reconnect all wires.
10. The LP gas converted dryer should have an input of 20,000 BTU/hr. with a manifold pressure of 11 in. W.C.P. (Water Column Pressure).
11. Turn on the gas supply and use a liquid soap solution or a leak tester to check for possible gas leaks.
12. If needed, the manifold pressure may be checked by removing the 1/8 in. NPT (National Pipe Thread) hex pipe plug from the gas valve and replacing it with a 1/8 in. NPT pipe tap. Connect a manometer capable of accurately measuring pressures from 0-14 in. W.C.P. to the pipe tap. Activate the gas valve and verify that the converted LP gas dryer has a manifold pressure of 11 in. W.C.P.
13. Turn on gas supply and reinstall the 1/8 in. NPT hex pipe plug in the gas valve.
14. Turn on gas supply and check for leaks as in Step 11.
15. **Models with an adjustable shutter.** To adjust main burner flame, loosen screw holding air shutter and rotate shutter until a yellow flame appears. Then reverse the rotation until the yellow disappears and the burner has a steady blue flame. It may be necessary to adjust the flame until only a very small yellow flame is at the tip of the blue flame. After a period of five minutes, all of

the yellow should disappear. If not, readjust the shutter. Tighten screw to lock shutter in position.

Models without the adjustable shutter. If the shutter has been stamped "LP" (Liquid Propane) and "N" (Natural Gas). Loosen the screw securing the shutter, rotate the shutter until the end of the slot labeled "LP" contacts the screw. Tighten the screw to lock the shutter in place.

16. Apply LP conversion rating label adjacent to the rating plate. The data rating plate is located in an upper corner behind the door. Fill in the date and the name and address of the organization making this conversion. Apply LP conversion label on flange of the gas controls assembly bracket.
17. Replace and secure the front panel.

